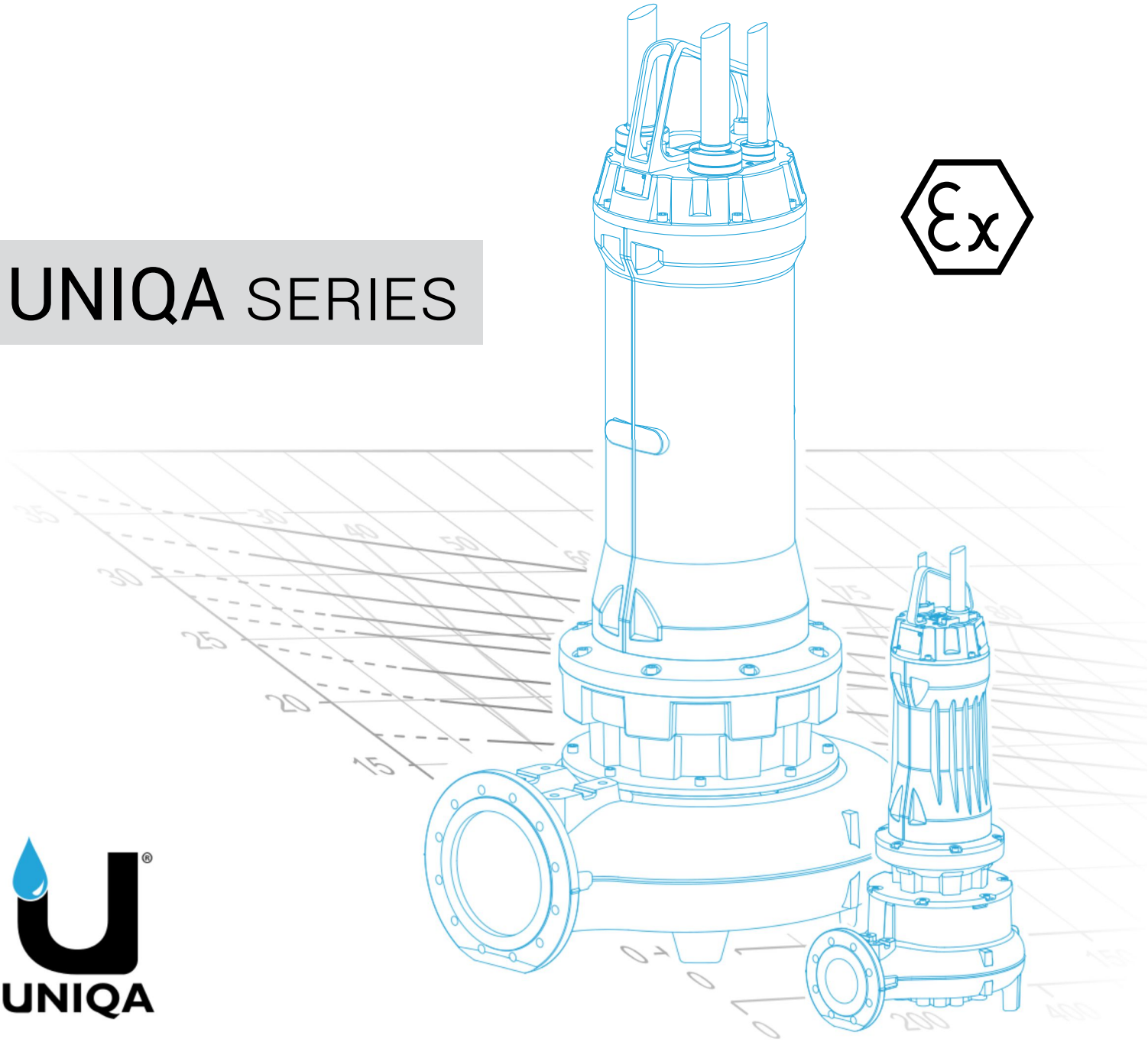
50Hz

ZENIT

water solutions

UNIQA SERIES



UNIQA

DATA BOOKLET

EN

water solutions

UNIQA SERIES

50Hz

DATA BOOKLET

Table of content

Models with **VORTEX impeller**

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ZENIT UNIQA high performances submersible pumps

ZENIT UNIQA submersible electric pumps. Designed for heavy-duty professional applications, they are used in civil and industrial wastewater treatment plants, lifting sewage, pumping industrial sludges and rainwater containing solids, and recycling raw or activated sludges and biological liquids.

ZENIT UNIQA series motors are designed with the aim of achieving the Premium (IE3) efficiency class according to EN 60034-30.

Available hydraulics

All hydraulic components are designed to provide highest efficiency and best performance combined with wide free passage. All the impellers are available in cast iron, stainless steel or bronze/aluminium.

VORTEX impeller

with full free passage.
Suggested applications:

- Biological liquids and wastewater
- Suitable for civil pumping stations and lifting wastewaters in livestock farms and industrial plants

OPEN CHANNEL impeller

high performance with wide free passage.
Suggested applications:

- Liquids containing suspended solids
- Suitable for sewage and drainage systems and first rainfall tanks

GRINDER impeller

Grinding system with rotary knife
Suggested applications:

- Soiled liquids containing fibres and filaments
- Suitable for heavy-duty applications

HIGH HEAD impeller

Cast iron multi-channel open impeller with high manometric head
Suggested applications:

- Clean, rain and seepage water
- Suitable for applications in agriculture, irrigation and fish farming

CHOPPER impeller

Multi-channel Impeller in cast-iton with special Molib-Tech™ treatment and chopper system
Suggested applications:

- Liquids containing solid parts and fibres
- Suitable for sewage, lifting of not strained black

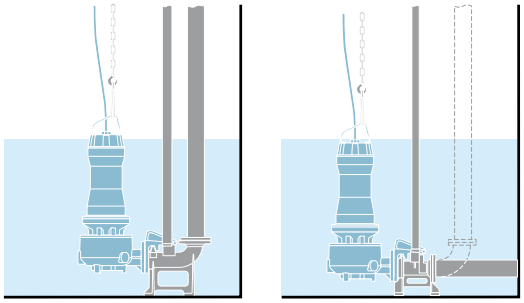
All models with open-channel impeller have an axial adjustment system that maintains the impeller's balance for unchanged pump performance even at first signs of wear.

The **ACS (Anti-Clogging System)** consists of a spiral groove of suitable depth cut into the pump body.
This prevents clogging of the impeller even with highly fouled liquids, allows stringy items to be pulled out or unwound and renders the hydraulics **clogging-proof.**

Installation types

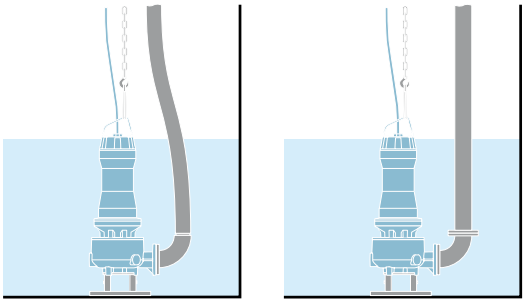
Type P

Installation with coupling device with vertical (DAC V) or horizontal (DAC H) discharge. Flushing valve (FLX) admitted



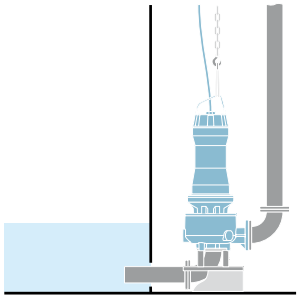
Type S

Free installation with base (KBS). Flushing valve (FLX) admitted



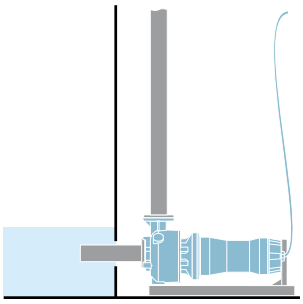
Type T

Vertical installation in dry chamber with curved base (KBC)



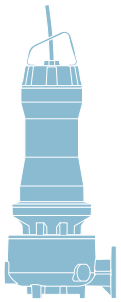
Type Z

Horizontal installation in dry chamber with metallic base (KBS-H)



Type X

Undefined installation



Available drilling variants

Installation type	Drilling variant	Accessory required	Discharge flange drilling (*)	Suction flange drilling (*)	KBS drilling	KBS-H drilling	FLX drilling
P	**P**A	DAC V	●				
	PF		●				●
	PA	DAC H	●				
	PF		●				●
S	**S**A	KBS	●		●		
	SF		●		●		●
T	**T**A	KBC	●	●			
	TJ	KBC + KBS	●	●	●		
Z	**Z**A	KBS-H	●	●		●	
	ZJ	KBS-H	●			●	
X	**X**A	DAC-KBC	●	●			
	XB	DAC-KBC-KBS	●	●	●		
	XC	DAC-KBC-KBS-KBS-H	●	●	●	●	
	XE	DAC-KBC-KBS-FLX	●	●	●		●

(*) EN 1092-2 Tab.8 (PN10)

Key to product code

TYPE

ZUG	V	080	B	18.5/2	A	W	194	X	A
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫

① Product name
ZU = Zenit UNIQA
② Construction material
G = Cast iron
B = Bronze
X = Stainless steel
③ Type of impeller
OC = open channel
V = vortex
④ Discharge port diameter in mm
⑤ Hydraulic variant
⑥ Power in kW
⑦ Motor poles
⑧ Motor variant
⑨ Operating mode
D = Dry
W = Wet
⑩ Nominal diameter of impeller (in mm)
⑪ Type of installation
⑫ Holes for installation/accessories

VERSION

AA	BA	10	4Y	5T1	EX	NN
⑬	⑭	⑮	⑯	⑰	⑱	⑲

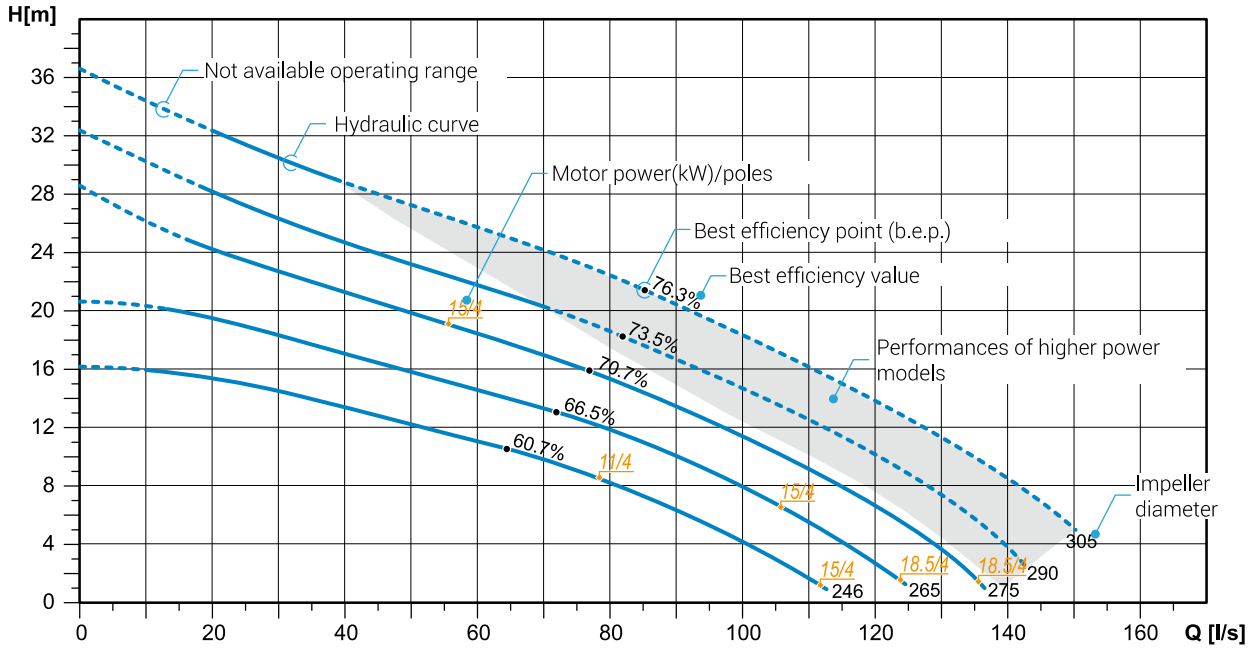
⑬ Construction materials
- hydraulics
- motor shaft

and painting
⑭ Electrical accessories
⑮ Cable length (m)
⑯ Voltage
⑰ Frequency/phases
⑱ Special variant/certification
⑲ Customization

Models available on request with **ATEX** certification, suitable for installation in the presence of potentially explosive gases, powders and liquids.

CE 2460 Ex **II 2G Ex db k IIB T4**
Ex **II 2D Ex tb IIIC T135°C**

Key to hydraulic curves



For more information about performances of higher power models please contact Zenit customer service or see **www.zenonavigator.com** website.

ZUG V 065A

4 ÷ 9 kW - 2 poles

Hydraulics

Vortex impeller

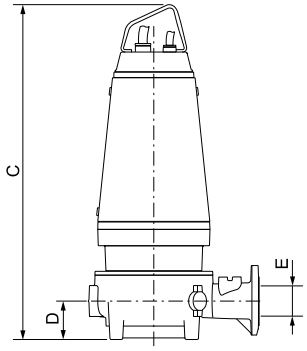
Free passage: 65 mm
Discharge: DN65
Suction: DN65

Motor

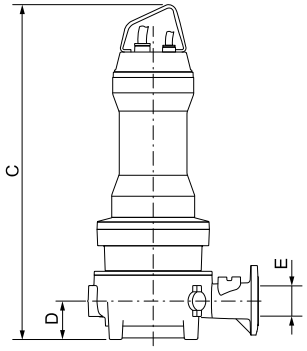
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
4/2 A	400-700/3	Y Δ	7.7	0.85	4.5	4	88.4	IE3
5.5/2 A	400-700/3	Y Δ	10.2	0.87	6.2	5.5	89.2	IE3
7.5/2 A	400-700/3	Y Δ	14.1	0.85	8.3	7.5	90.2	IE3
9/2 A	400-700/3	Y Δ	16.5	0.87	9.9	9	90.6	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

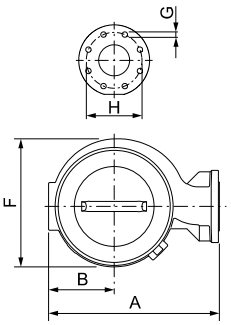
Overall dimensions and weight



DRY



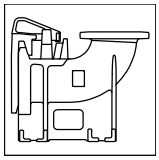
WET

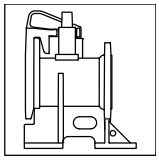


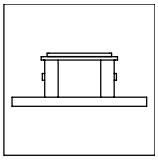
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG V 065A 4/2 AW (D)	325	140	845	945	90	65	285	18	145	4	121.5	137.5
ZUG V 065A 5.5/2 AW	325	140	845	-	90	65	285	18	145	4	124.5	-
ZUG V 065A 7.5/2 AW	325	140	945	-	90	65	285	18	145	4	137.5	-
ZUG V 065A 9/2 AW	325	140	945	-	90	65	285	18	145	4	141.5	-

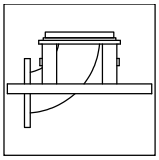
(*) Weight for the DRY version includes cooling fluid

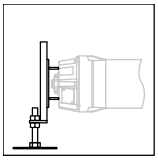
Available accessories

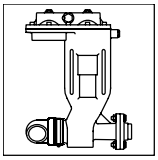

DAC V


DAC H


KBS

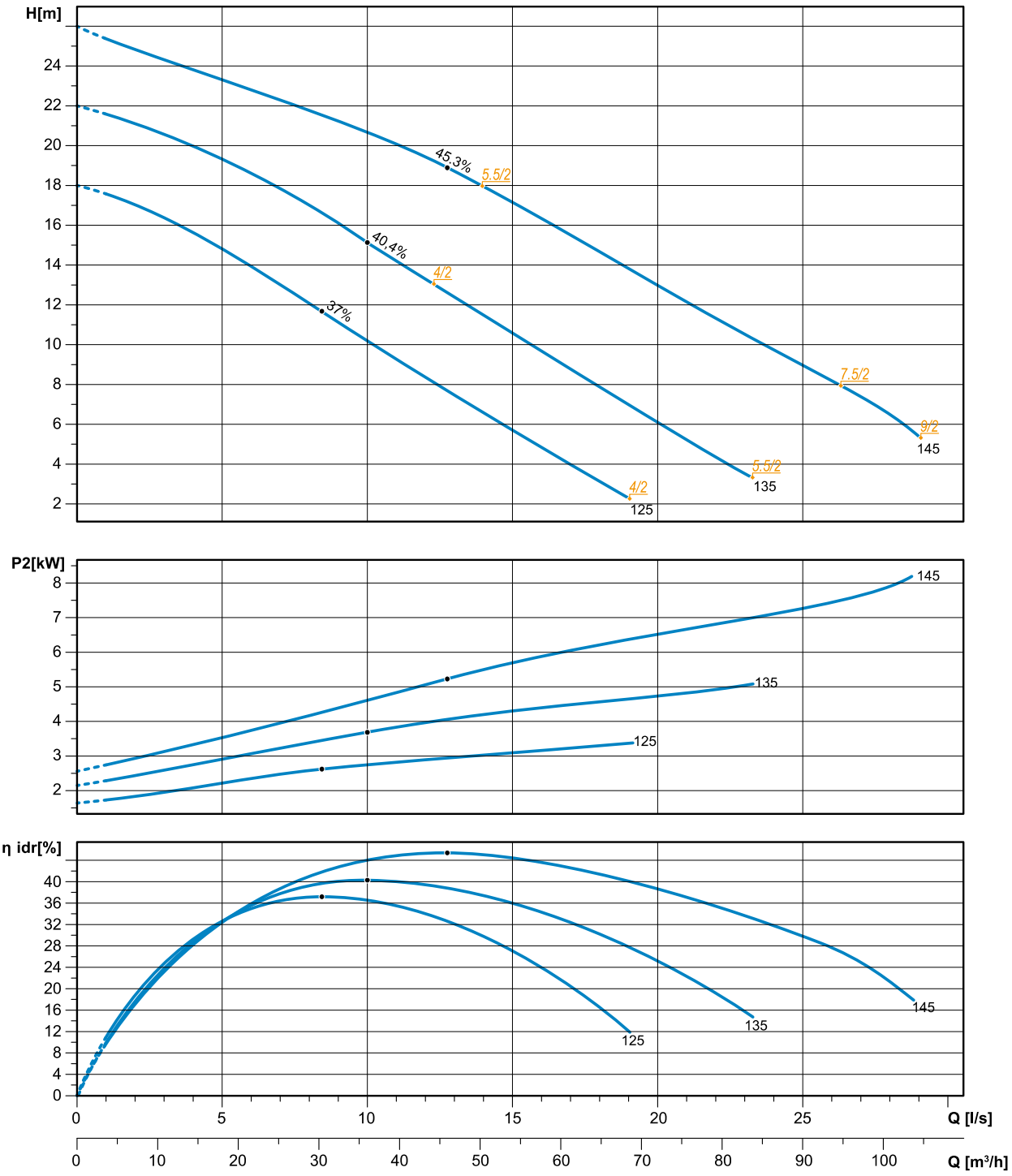

KBC


KBS H


FLX

ZUG V 065A

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG V 080A

4 ÷ 11 kW - 2 poles

Hydraulics

Vortex impeller

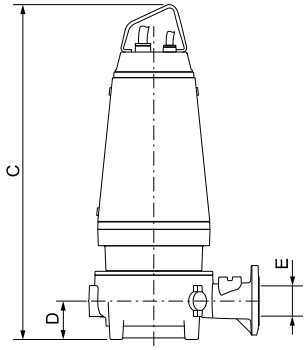
Free passage: 80 mm
Discharge: DN80
Suction: DN 80

Motor

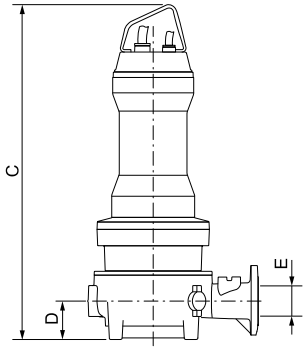
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
4/2 A	400-700/3	Y Δ	7.7	0.85	4.5	4	88.4	IE3
5.5/2 A	400-700/3	Y Δ	10.2	0.87	6.2	5.5	89.2	IE3
7.5/2 A	400-700/3	Y Δ	14.1	0.85	8.3	7.5	90.2	IE3
9/2 A	400-700/3	Y Δ	16.5	0.87	9.9	9	90.6	IE3
11/2 A	400-700/3	Y Δ	20	0.87	12.0	11	91.2	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

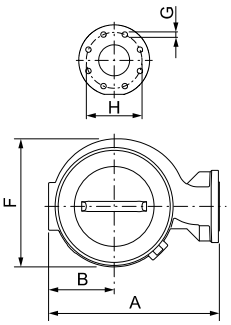
Overall dimensions and weight



DRY



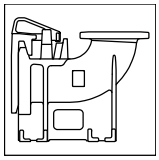
WET

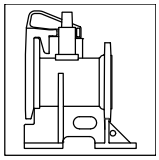


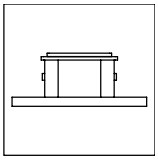
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG V 080A 4/2 AW (D)	330	142	854	954	92	80	284	18	160	8	121.9	137.9
ZUG V 080A 5.5/2 AW	330	142	854	-	92	80	284	18	160	8	124.9	-
ZUG V 080A 7.5/2 AW	330	142	954	-	92	80	284	18	160	8	137.9	-
ZUG V 080A 9/2 AW	330	142	954	-	92	80	284	18	160	8	141.9	-
ZUG V 080A 11/2 AW	330	142	954	-	92	80	284	18	160	8	145.9	-

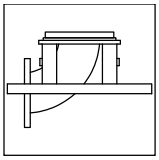
(*) Weight for the DRY version includes cooling fluid

Available accessories


DAC V


DAC H


KBS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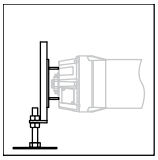
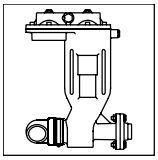
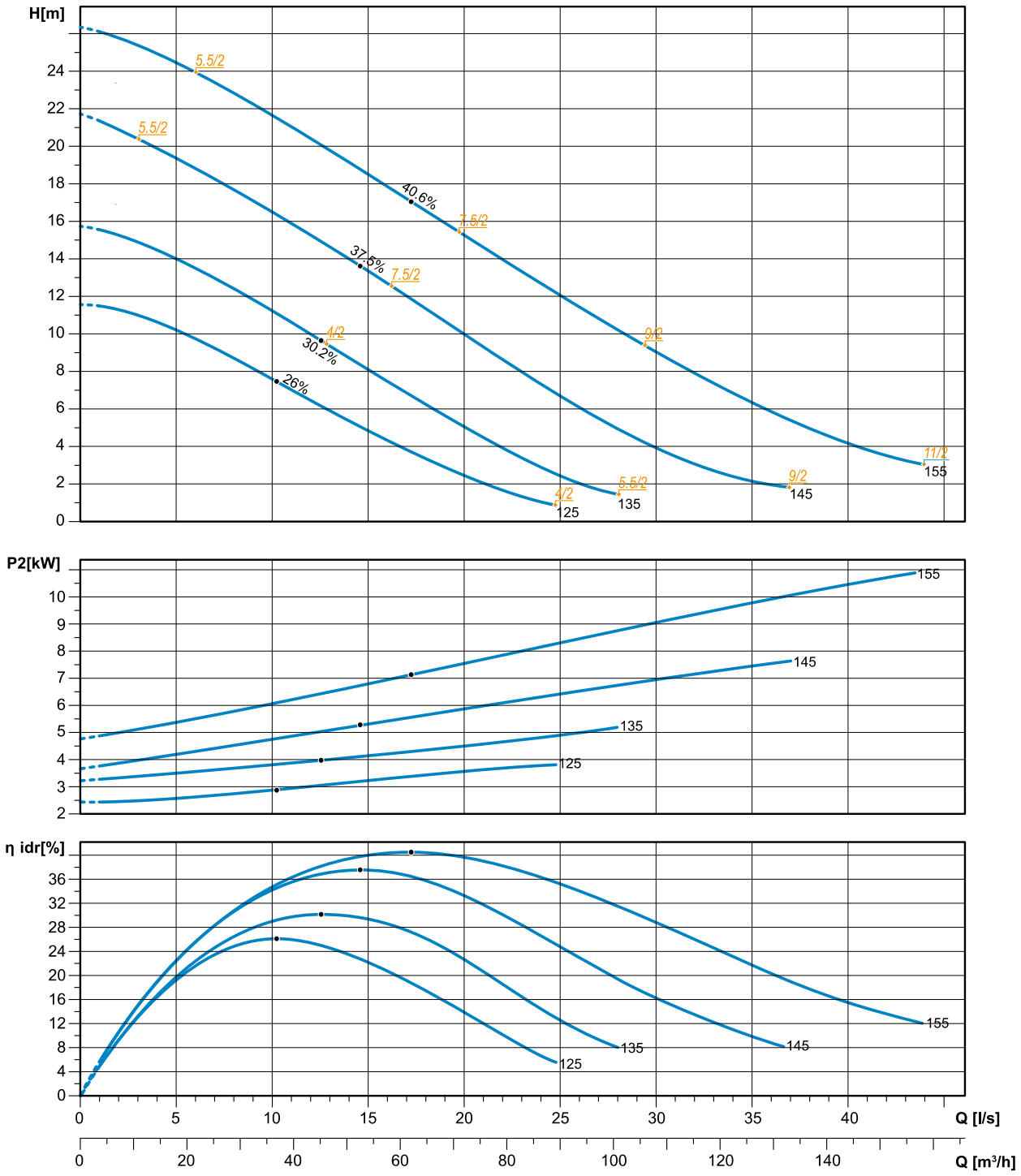

KBS H


FLX

ZUG V 080A

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG V 080B

7.5 ÷ 18.5 kW - 2 poles

Hydraulics

Vortex impeller

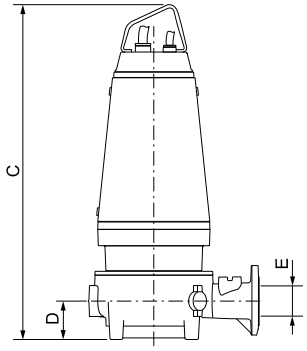
Free passage: 80 mm
Discharge: DN80
Suction: DN80

Motor

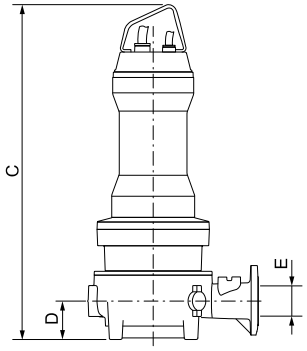
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7.5/2 A	400-700/3	Y Δ	14.1	0.85	8.3	7.5	90.2	IE3
9/2 A	400-700/3	Y Δ	16.5	0.87	9.9	9	90.6	IE3
11/2 A	400-700/3	Y Δ	20	0.87	12.0	11	91.2	IE3
15/2 A	400-700/3	Y Δ	26.8	0.88	16.3	15	91.9	IE3
18.5/2 A	400-700/3	Y Δ	33.1	0.87	20	18.5	92.4	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

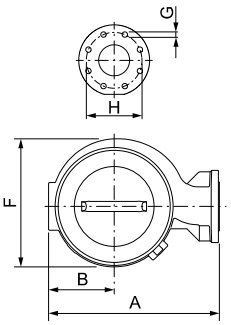
Overall dimensions and weight



DRY



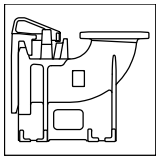
WET

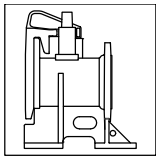


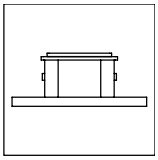
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG V 080B 7.5/2 AW (D)	401	168	954	1030	92	80	323	18	160	8	158.2	242.2
ZUG V 080B 9/2 AW (D)	401	168	954	1030	92	80	323	18	160	8	162.2	246.2
ZUG V 080B 11/2 AW (D)	401	168	954	1030	92	80	323	18	160	8	166.2	250.2
ZUG V 080B 15/2 AW (D)	414	181	1121	1121	92	80	363	18	160	8	229.3	264.9
ZUG V 080B 18.5/2 AW (D)	414	181	1121	1121	92	80	363	18	160	8	23838	274.4

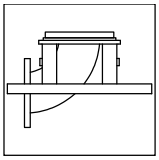
(*) Weight for the DRY version includes cooling fluid

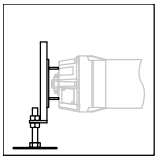
Available accessories

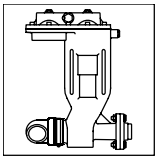

DAC V


DAC H


KBS

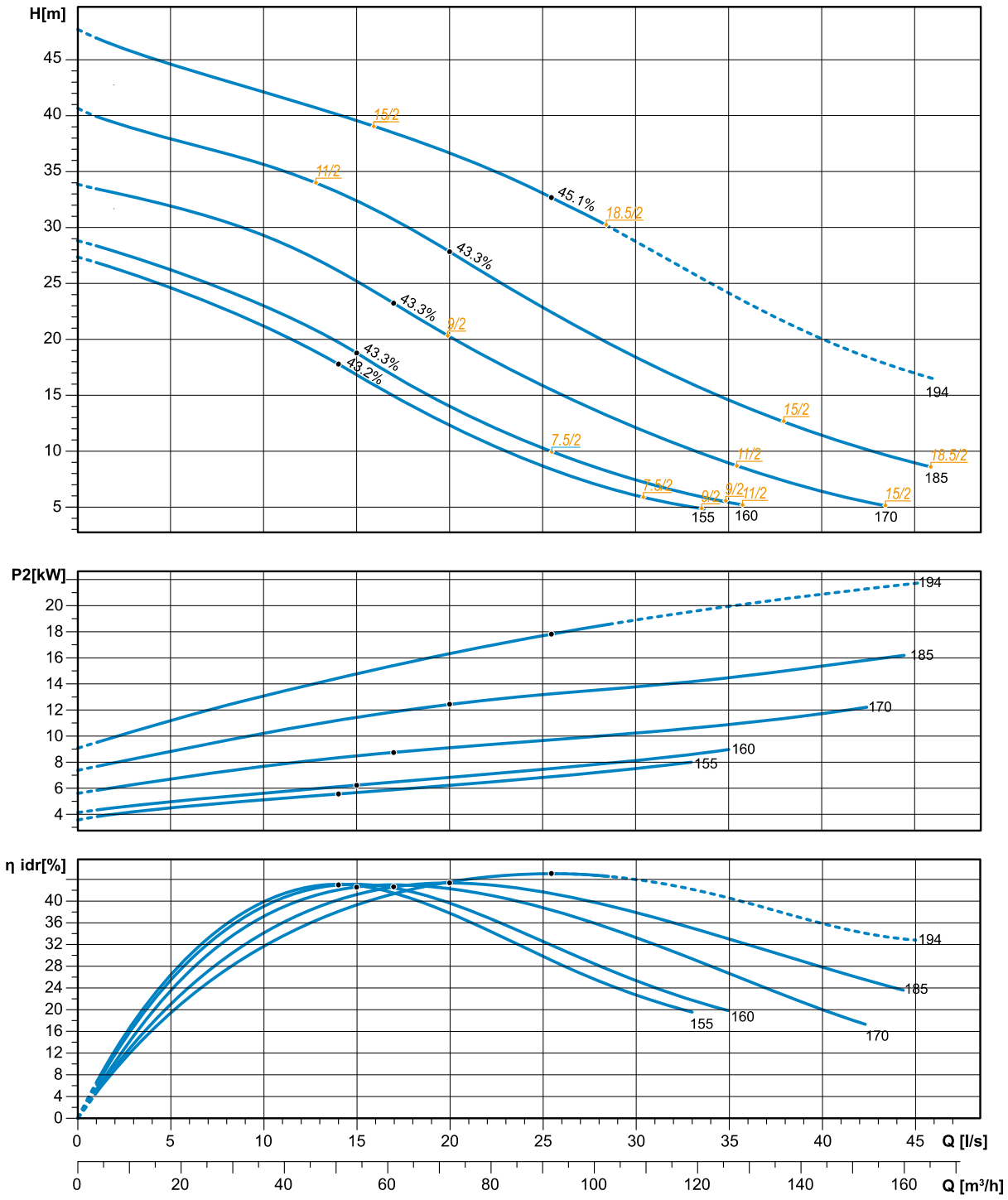

KBC


KBS H


FLX

ZUG V 080B

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG V 080C

3 ÷ 5.5 kW - 4 poles

Hydraulics

Vortex impeller

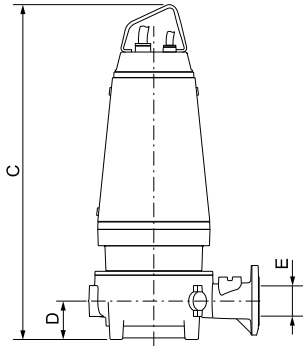
Free passage:	65 mm
Discharge:	DN80
Suction:	DN80

Motor

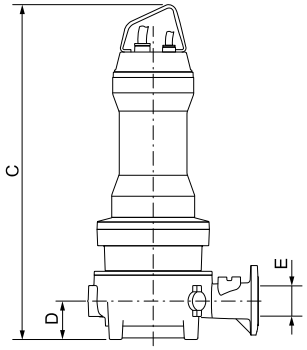
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
3/4 A	400-700/3	Y Δ	6.6	0.75	3.42	3	87.7	IE3
4/4 A	400-700/3	Y Δ	8.45	0.77	4.5	4	88.7	IE3
5.5/4 A	400-700/3	Y Δ	11.65	0.76	6.1	5.5	89.6	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

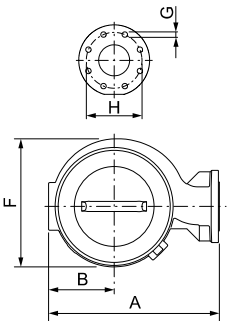
Overall dimensions and weight



DRY



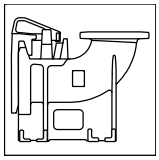
WET

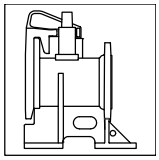


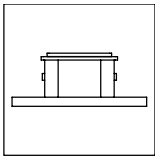
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG V 080C 3/4 AW	397.5	162.5	855	-	90	80	325	18	160	8	147.8	-
ZUG V 080C 4/4 AW (D)	397.5	162.5	955	1030	90	80	325	18	160	8	181.8	250.8
ZUG V 080C 5.5/4 AW (D)	397.5	162.5	955	1030	90	80	325	18	160	8	185.8	250.8

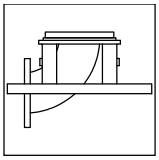
(*) Weight for the DRY version includes cooling fluid

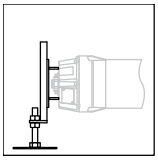
Available accessories

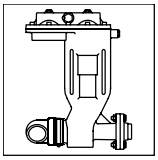

DAC V


DAC H


KBS

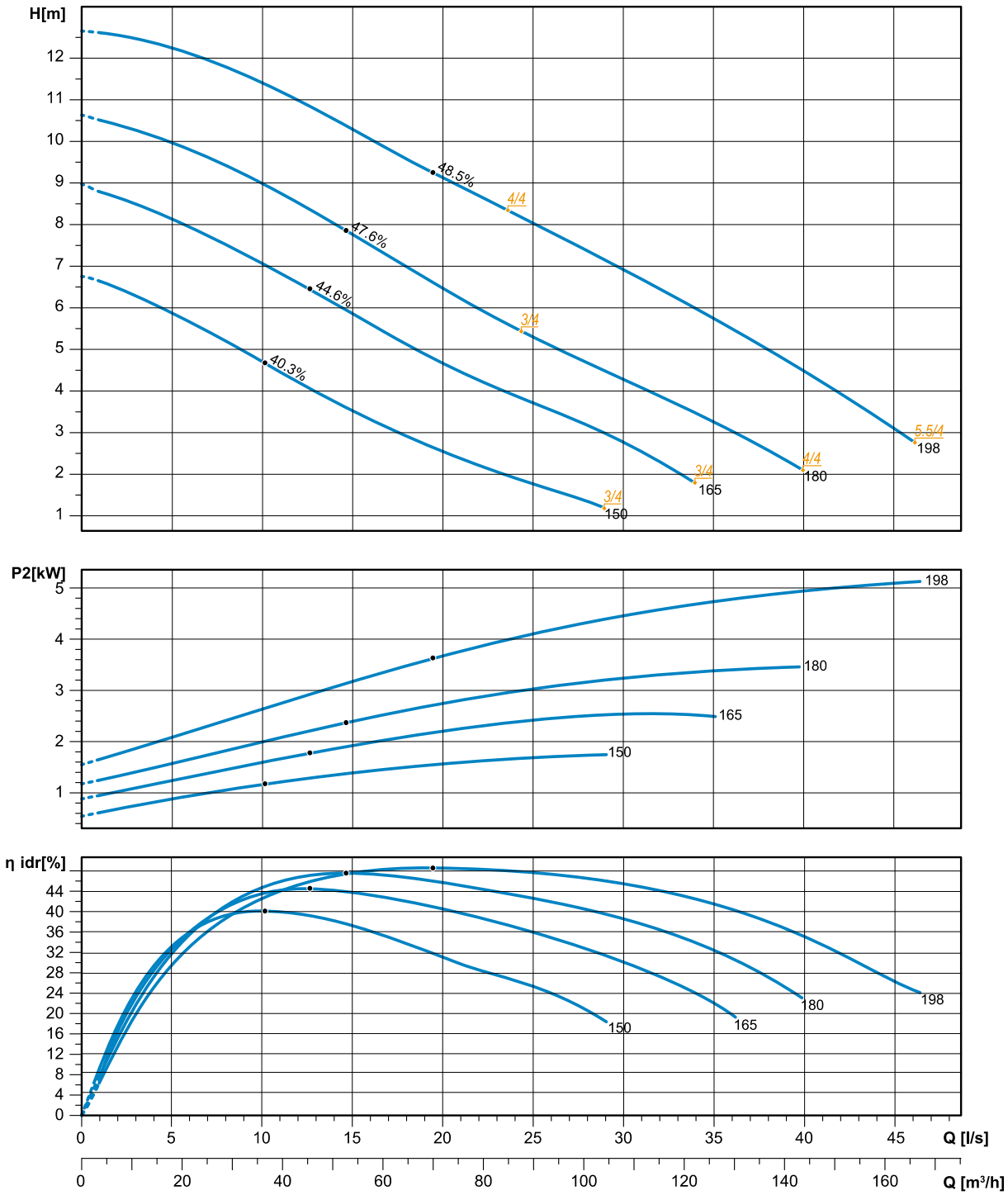

KBC


KBS H


FLX

ZUG V 080C

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG V 080D

15 ÷ 30 kW - 2 poles

Hydraulics

Vortex impeller

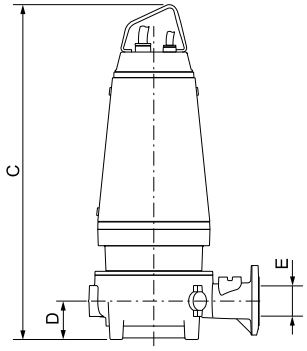
Free passage: 60 mm
Discharge: DN80
Suction: DN80

Motor

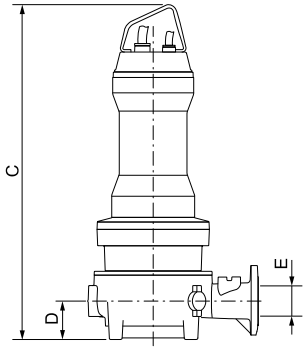
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
15/2 A	400-700/3	Y Δ	26.8	0.88	16.3	15.0	91.9	IE3
18.5/2 A	400-700/3	Y Δ	33.1	0.87	20.0	18.5	92.4	IE3
22/2 A	400-700/3	Y Δ	39.3	0.87	23.7	22.0	92.8	IE3
30/2 A	400-700/3	Y Δ	53.0	0.88	30.2	30.0	93.3	IE3
37/2 H	400-700/3	Y Δ	64.0	0.9	40.0	37.0	92.5	IE2

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

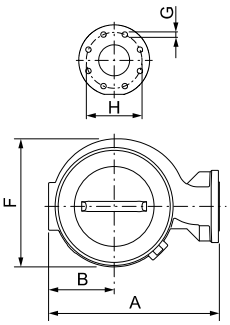
Overall dimensions and weight



DRY



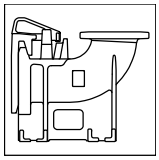
WET

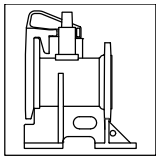


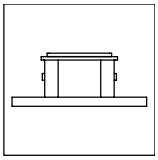
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG V 080D 15/2 AW (D)	484	194	1103	1103	80	80	374	18	160	8	224	259.6
ZUG V 080D 18.5/2 AW (D)	484	194	1103	1103	80	80	374	18	160	8	233.5	269.1
ZUG V 080D 22/2 AW (D)	491	201	1154	1154	80	80	403	18	160	8	290.6	337.6
ZUG V 080D 30/2 AW (D)	491	201	1154	1154	80	80	403	18	160	8	300.8	347.8
ZUG V 080D 37/2 HW (D)	491	201	1154	1154	80	80	403	18	160	8	300.8	347.8

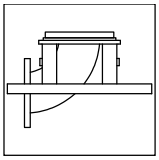
(*) Weight for the DRY version includes cooling fluid

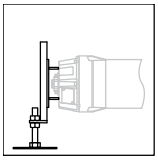
Available accessories

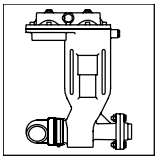

DAC V


DAC H


KBS

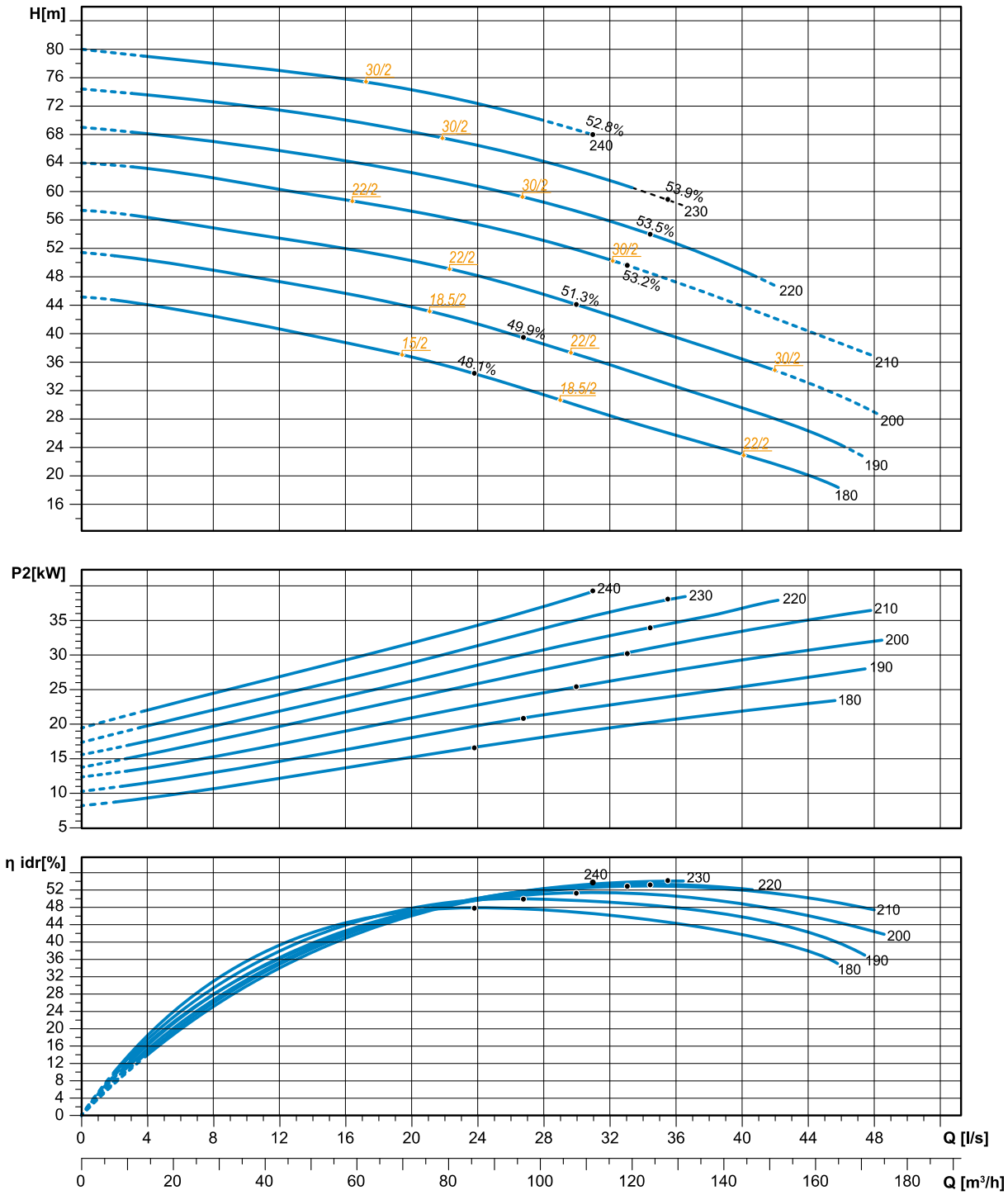

KBC


KBS H


FLX

ZUG V 080D

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG V 080D

4 ÷ 15 kW - 4 poles

Hydraulics

Vortex impeller

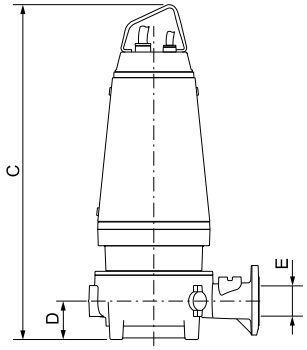
Free passage: 60 mm
Discharge: DN80
Suction: DN80

Motor

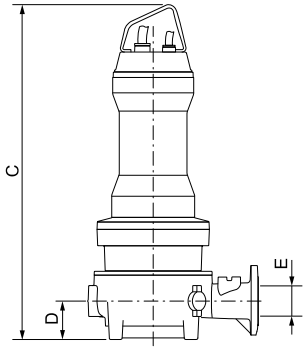
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
4/4 A	400-700/3	Y Δ	8.5	0.77	4.5	4.0	88.7	IE3
5.5/4 A	400-700/3	Y Δ	11.7	0.76	6.1	5.5	89.6	IE3
7.5/4 A	400-700/3	Y Δ	14.5	0.83	8.3	7.5	90.4	IE3
9/4 A	400-700/3	Y Δ	18.3	0.78	9.9	9.0	90.8	IE3
11/4 A	400-700/3	Y Δ	21.2	0.82	12.0	11.0	91.4	IE3
15/4 A	400-700/3	Y Δ	28.5	0.82	16.3	15.0	92.2	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

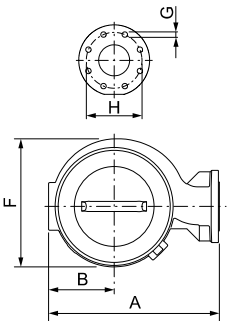
Overall dimensions and weight



DRY



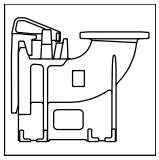
WET

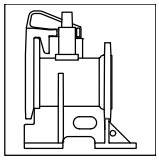


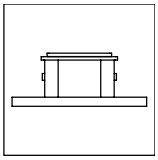
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG V 080D 4/4 AW (D)	484	194	937	1013	80	80	374	18	160	8	158	243
ZUG V 080D 5.5/4 AW (D)	484	194	937	1013	80	80	374	18	160	8	161	247
ZUG V 080D 7.5/4 AW (D)	484	194	1013	1013	80	80	374	18	160	8	210.3	245.3
ZUG V 080D 9/4 AW (D)	484	194	1103	1103	80	80	374	18	160	8	231.3	264.3
ZUG V 080D 11/4 AW (D)	491	201	1154	1154	80	80	403	18	160	8	282.5	329.5
ZUG V 080D 15/4 AW (D)	491	201	1154	1154	80	80	403	18	160	8	296.2	343.2

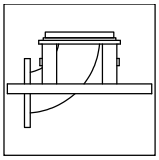
(*) Weight for the DRY version includes cooling fluid

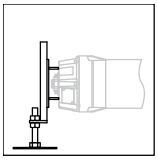
Available accessories

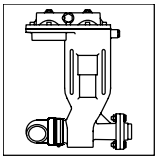

DAC V


DAC H


KBS

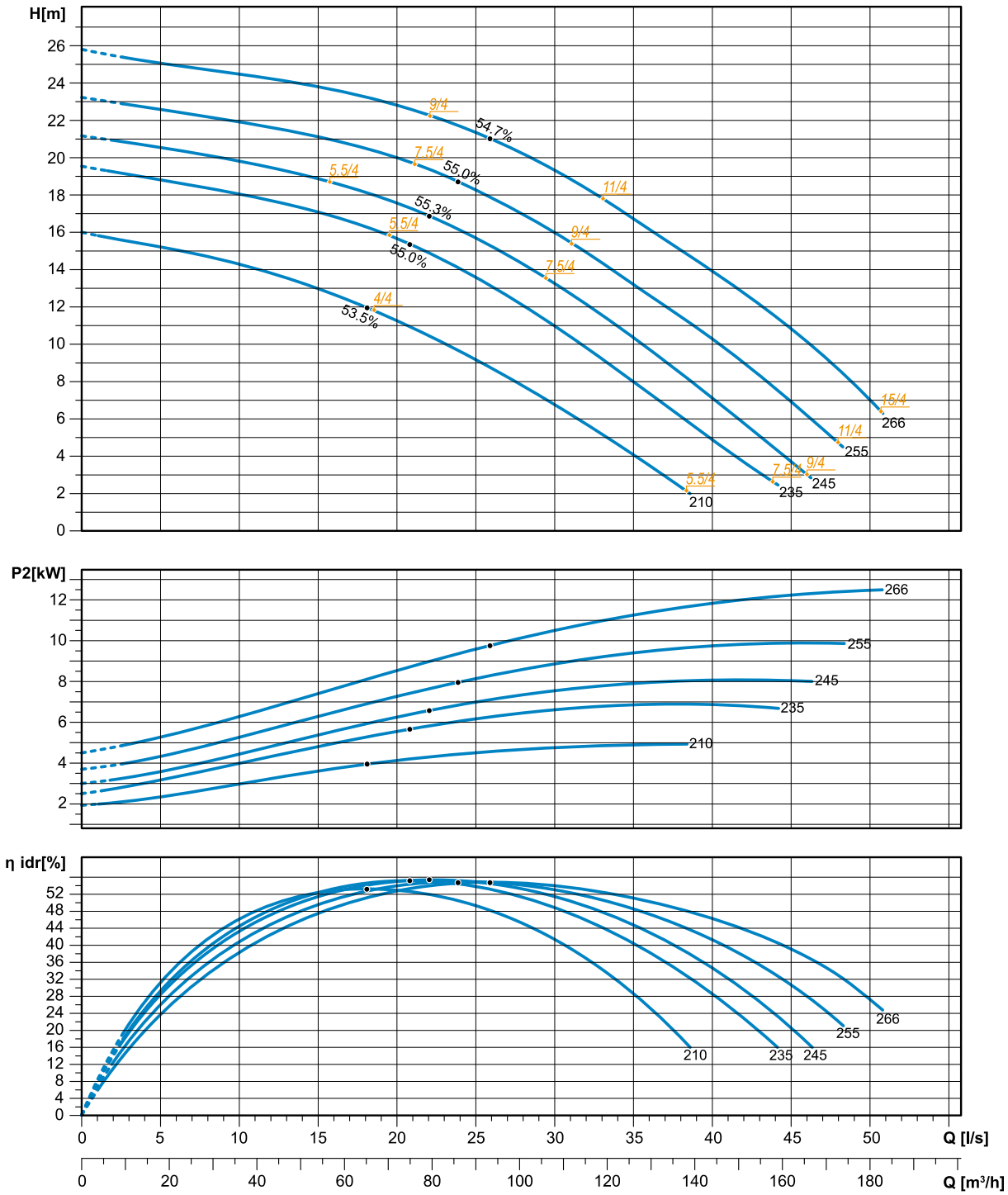

KBC


KBS H


FLX

ZUG V 080D

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG V 080H

3 kW - 2 poles

Hydraulics

Vortex impeller

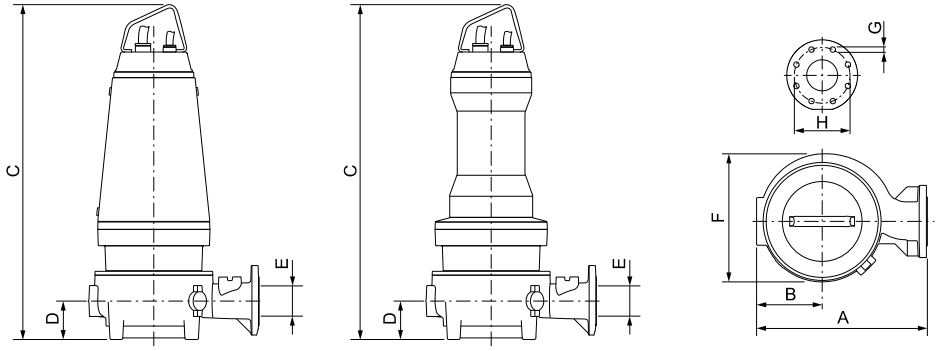
Free passage: 80 mm
Discharge: DN80
Suction: DN80

Motor

Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
3/2 A	400/3	Dir	6.0	0.83	3.4	3.0	87.1	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

Overall dimensions and weight

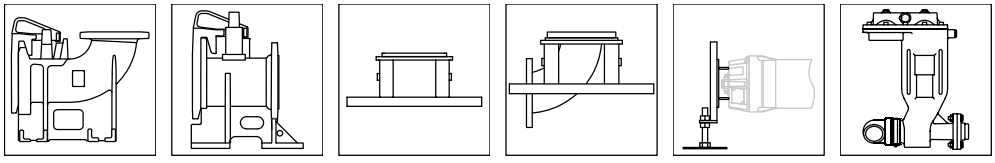


DRY **WET**

	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG V 080H 3/2 AW	312	120	652	-	80	80	236	18	160	8	48.3	-

(*) Weight for the DRY version includes cooling fluid

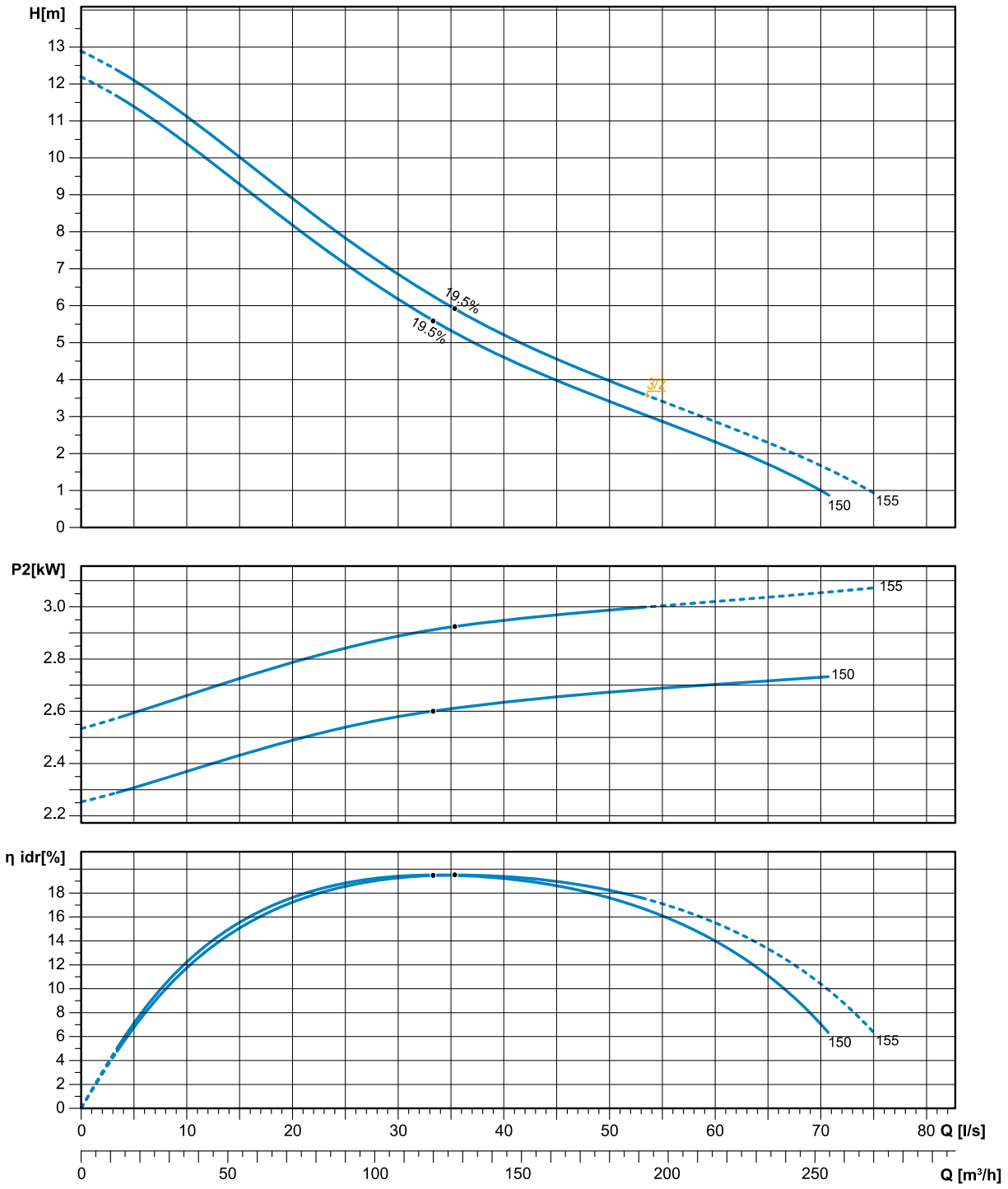
Available accessories



DAC V | DAC H | KBS | KBC | KBS H | FLX

ZUG V 080H

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG V 100A

15 ÷ 37 kW - 2 poles

Hydraulics

Vortex impeller

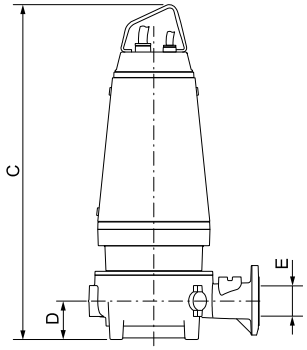
Free passage: 100 mm
Discharge: DN100
Suction: DN100

Motor

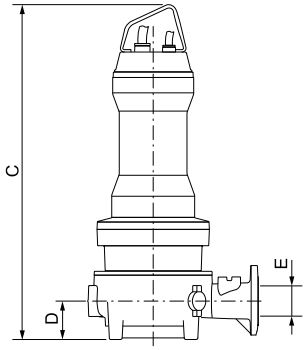
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
15/2 A	400-700/3	Y Δ	26.8	0.88	16.3	15	91.9	IE3
18.5/2 A	400-700/3	Y Δ	33.1	0.87	20	18.5	92.4	IE3
22/2 A	400-700/3	Y Δ	39.3	0.87	23.7	22	92.8	IE3
30/2 A	400-700/3	Y Δ	53	0.88	32.2	30	93.3	IE3
37/2 H	400-700/3	Y Δ	64	0.9	40	37	92.5	IE2

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

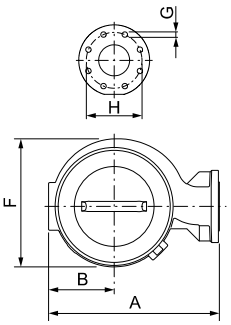
Overall dimensions and weight



DRY



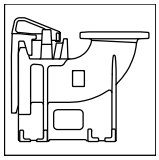
WET

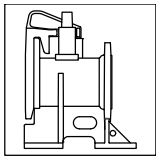


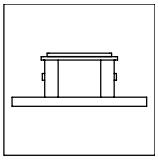
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG V 100A 15/2 AW (D)	496	190	1168	1168	110	100	373	18	180	8	231.2	266.8
ZUG V 100A 18.5/2 AW (D)	496	190	1168	1168	110	100	373	18	180	8	240.7	266.8
ZUG V 100A 22/2 AW (D)	507	201	1219	1219	110	100	403	18	180	8	297.8	344.8
ZUG V 100A 30/2 AW (D)	507	201	1219	1219	110	100	403	18	180	8	308	355
ZUG V 100A 37/2 HW (D)	507	201	1219	1219	110	100	403	18	180	8	308	355

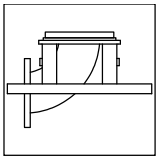
(*) Weight for the DRY version includes cooling fluid

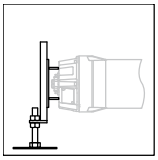
Available accessories

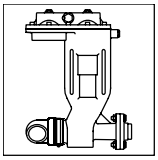

DAC V


DAC H

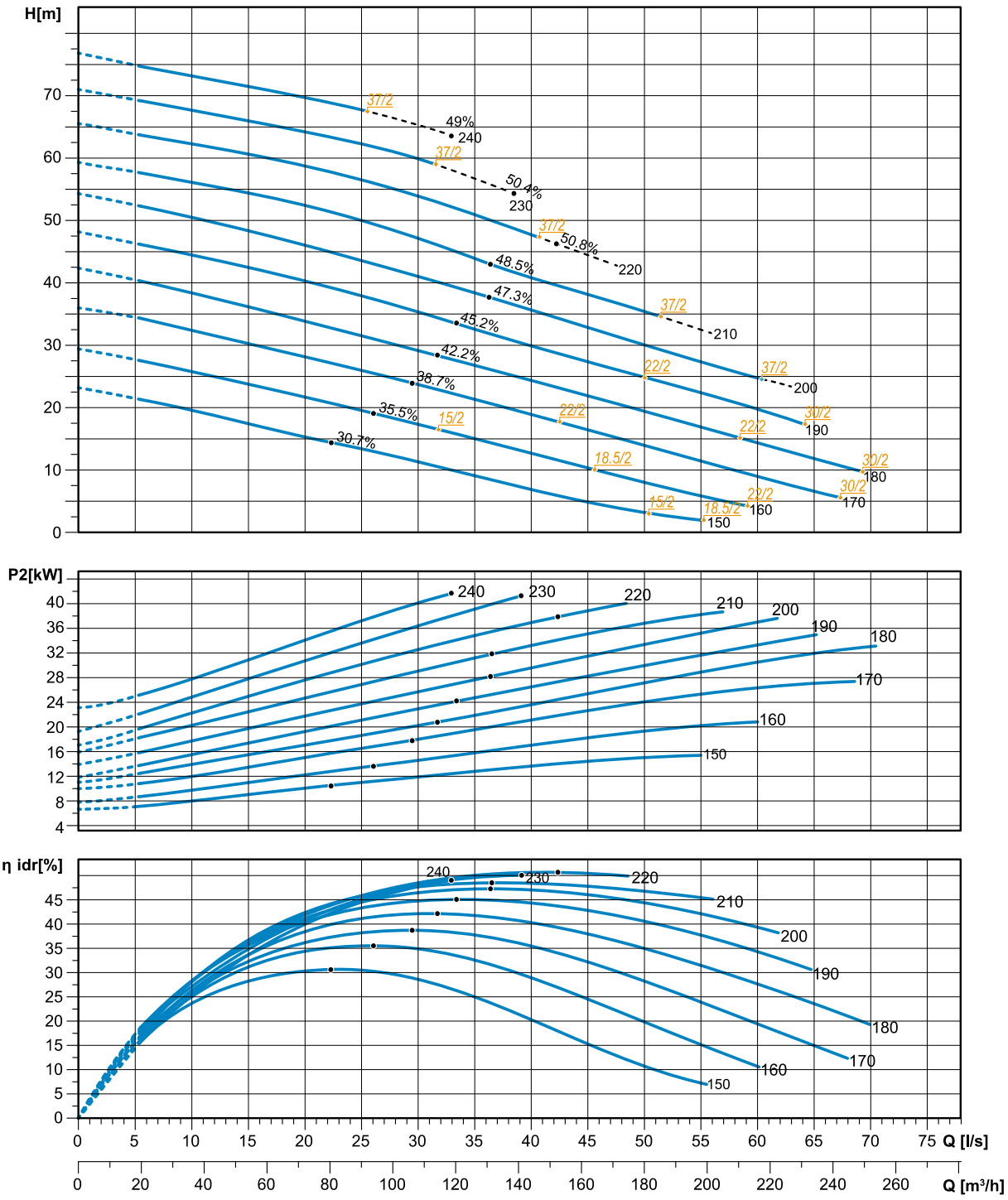

KBS


KBC


KBS H


FLX

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG V 100B

3 ÷ 15 kW - 4 poles

Hydraulics

Vortex impeller

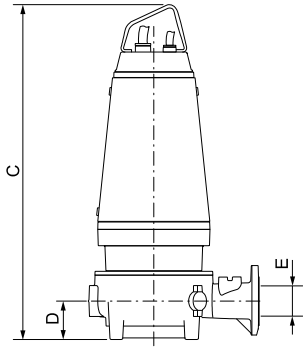
Free passage: 100 mm
Discharge: DN100
Suction: DN 100

Motor

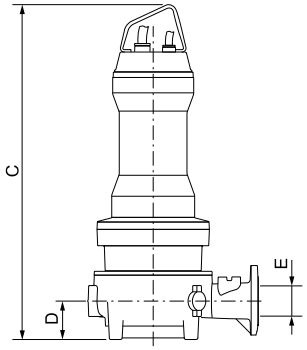
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
3/4 A	400-700/3	Y Δ	6.6	0.75	3.42	3	87.7	IE3
4/4 A	400-700/3	Y Δ	8.45	0.77	4.5	4	88.7	IE3
5.5/4 A	400-700/3	Y Δ	11.65	0.76	6.1	5.5	89.6	IE3
7.5/4 A	400-700/3	Y Δ	14.5	0.83	8.3	7.5	90.4	IE3
9/4 A	400-700/3	Y Δ	18.3	0.78	9.9	9	90.8	IE3
11/4 A	400-700/3	Y Δ	21.2	0.82	12	11	91.4	IE3
15/4 A	400-700/3	Y Δ	28.5	0.82	16.3	15	92.2	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

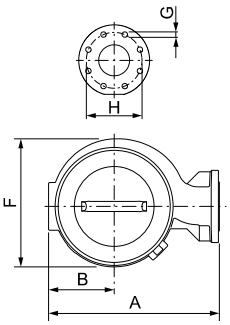
Overall dimensions and weight



DRY



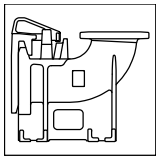
WET

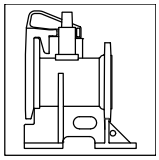


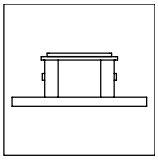
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG V 100B 3/4 AW	496	190	902	-	110	100	373	18	180	8	147.2	-
ZUG V 100B 4/4 AW (D)	496	190	1001	1078	110	100	373	18	180	8	171.2	250.2
ZUG V 100B 5.5/4 AW (D)	496	190	1001	1078	110	100	373	18	180	8	185.2	254.2
ZUG V 100B 7.5/4 AW (D)	496	190	1078	1078	110	100	373	18	180	8	217.5	254.2
ZUG V 100B 9/4 AW (D)	496	190	1168	1168	110	100	373	18	180	8	238.5	271.5
ZUG V 100B 11/4 AW (D)	507	201	1219	1219	110	100	403	18	180	8	289.7	336.7
ZUG V 100B 15/4 AW (D)	507	201	1219	1219	110	100	403	18	180	8	303.4	350.4

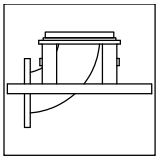
(*) Weight for the DRY version includes cooling fluid

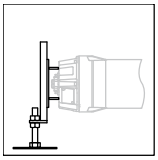
Available accessories

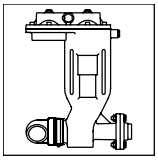

DAC V


DAC H


KBS

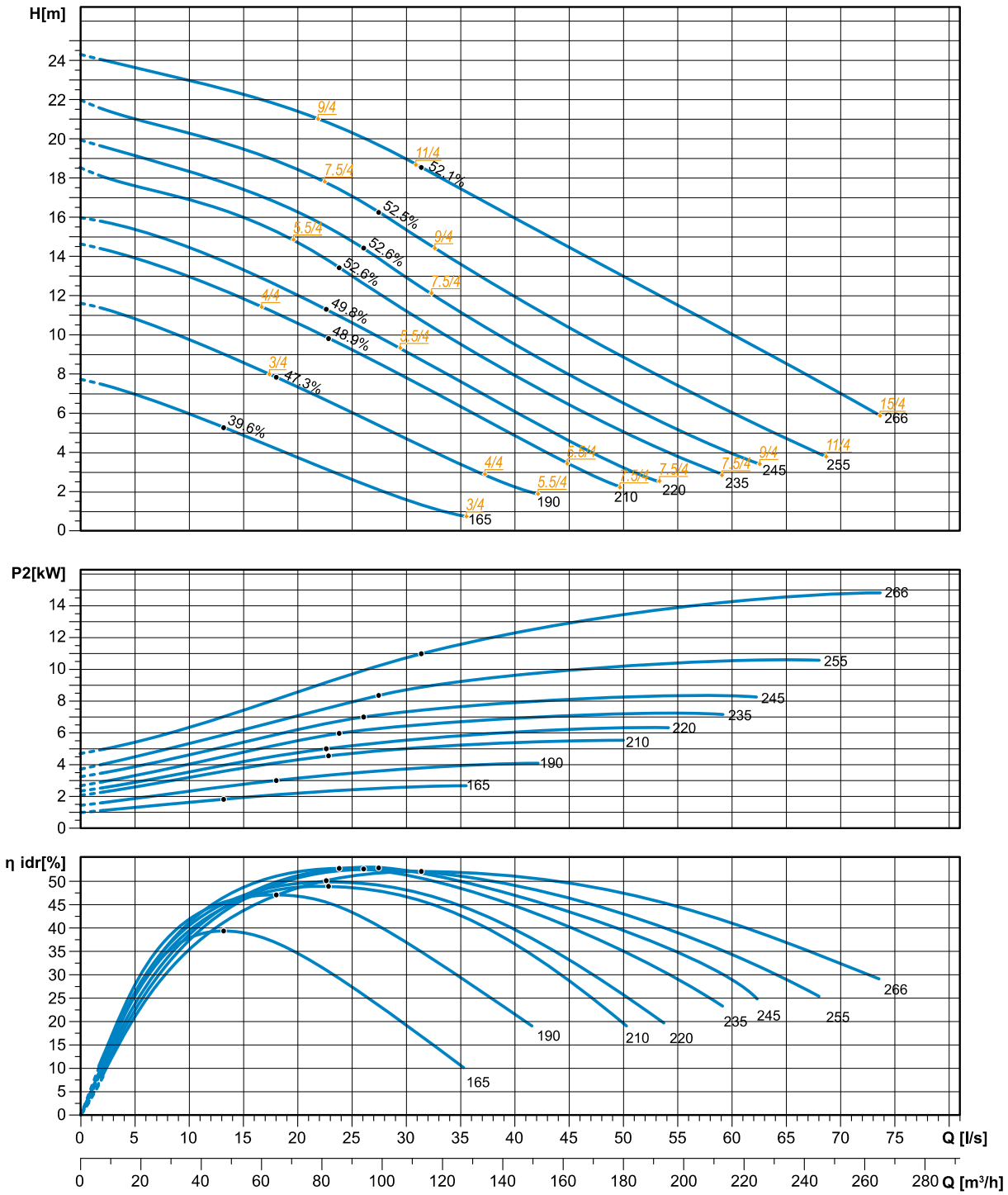

KBC


KBS H


FLX

ZUG V 100B

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG V 100G

1.1 ÷ 1.5 kW - 6 poles

Hydraulics

Vortex impeller

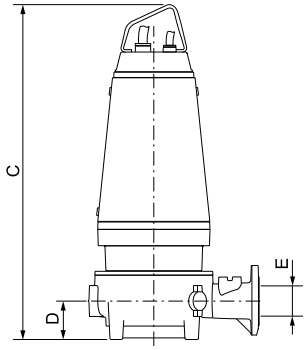
Free passage:	100 mm
Discharge:	DN100
Suction:	DN 100

Motor

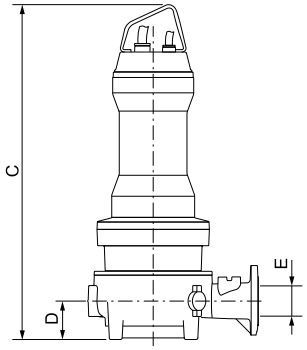
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
1.1/6 B	400/3	Dir	2.9	0.67	1.4	1.1	81.0	IE3
1.5/6 B	400/3	Dir	3.7	0.70	1.8	1.5	82.5	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

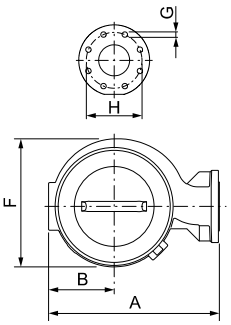
Overall dimensions and weight



DRY



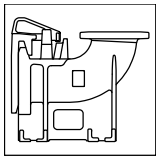
WET

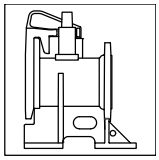


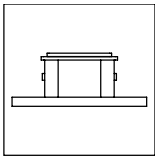
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG V 100G 1.1/6 BW	408	158	695	-	91	100	305	18	180	8	61.0	-
ZUG V 100 1.5/6 BW	408	158	752	-	91	100	305	18	180	8	79.0	-

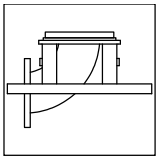
(*) Weight for the DRY version includes cooling fluid

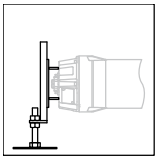
Available accessories

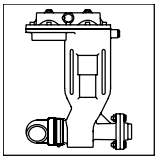

DAC V


DAC H

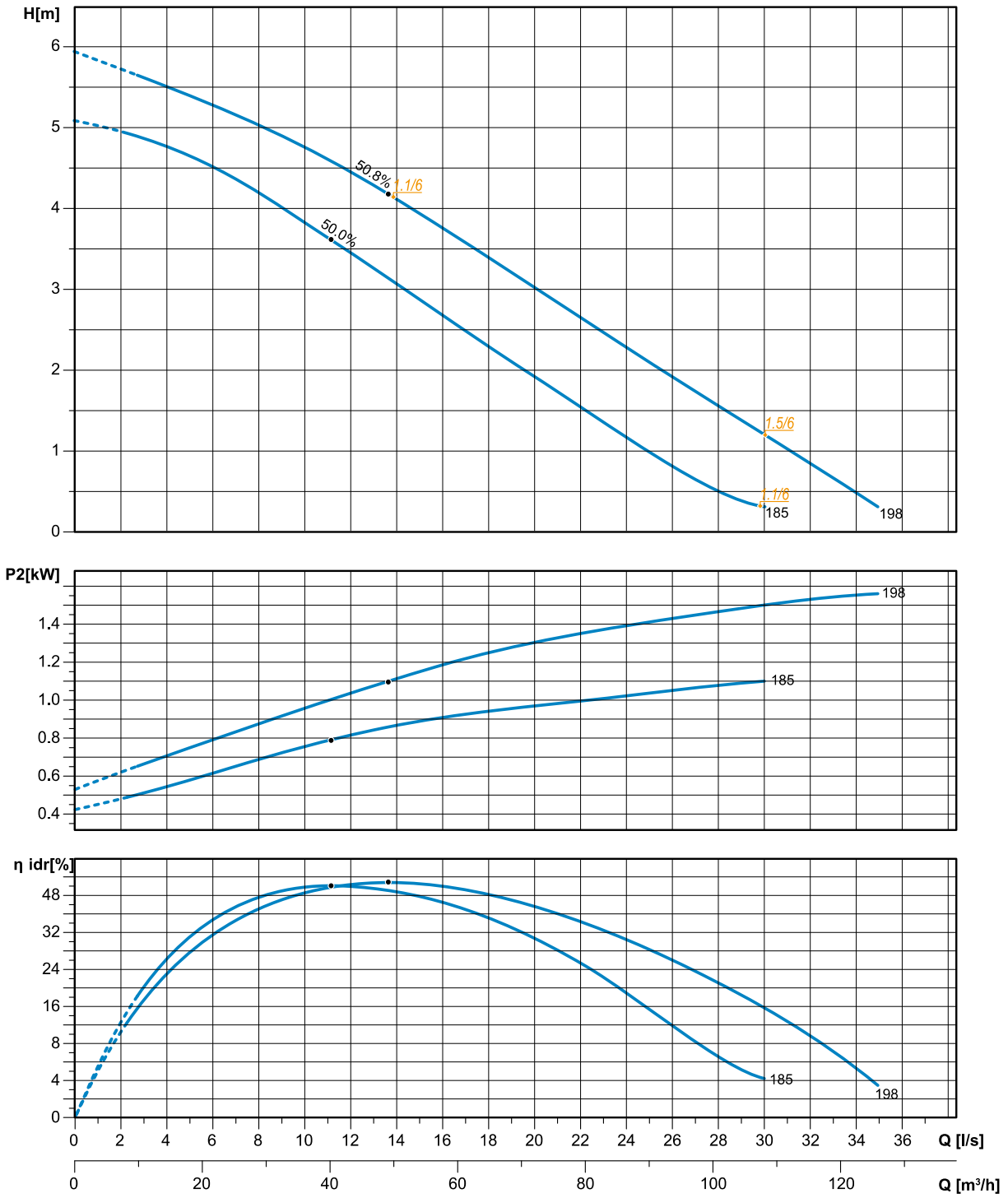

KBS


KBC


KBS H


FLX

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG V 150A

7.5 ÷ 15 kW - 4 poles

Hydraulics

Vortex impeller

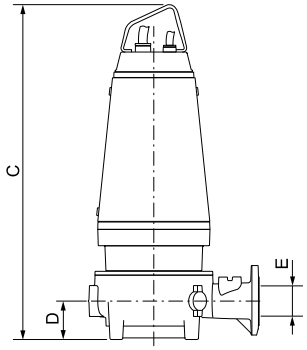
Free passage:	125 mm
Discharge:	DN150
Suction:	DN150

Motor

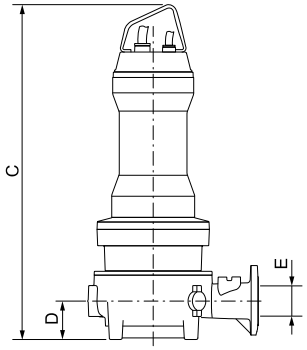
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7.5/4 A	400-700/3	Y Δ	14.5	0.83	8.3	7.5	90.4	IE3
9/4 A	400-700/3	Y Δ	18.3	0.78	9.9	9	90.8	IE3
11/4 A	400-700/3	Y Δ	21.2	0.82	12	11	91.4	IE3
15/4 A	400-700/3	Y Δ	28.5	0.82	16.3	15	92.2	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

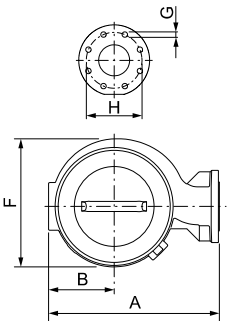
Overall dimensions and weight



DRY



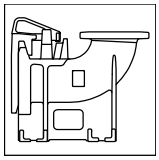
WET



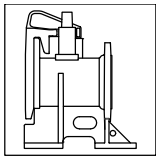
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG V 150A 7.5/4 AW (D)	545	212	1103	1103	135	150	401	22	240	8	229.7	264.7
ZUG V 150A 9/4 AW (D)	545	212	1193	1193	135	150	401	22	240	8	250.7	283.7
ZUG V 150A 11/4 AW (D)	545	212	1245	1245	135	150	4015	22	240	8	301.9	348.9
ZUG V 150A 15/4 AW (D)	545	212	1245	1245	135	150	415	22	240	8	315.6	362.6

(*) Weight for the DRY version includes cooling fluid

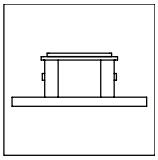
Available accessories



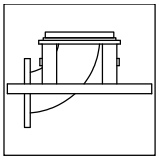
DAC V



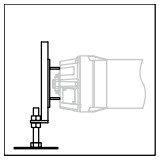
DAC H



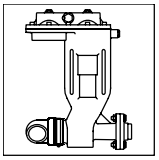
KBS



KBC



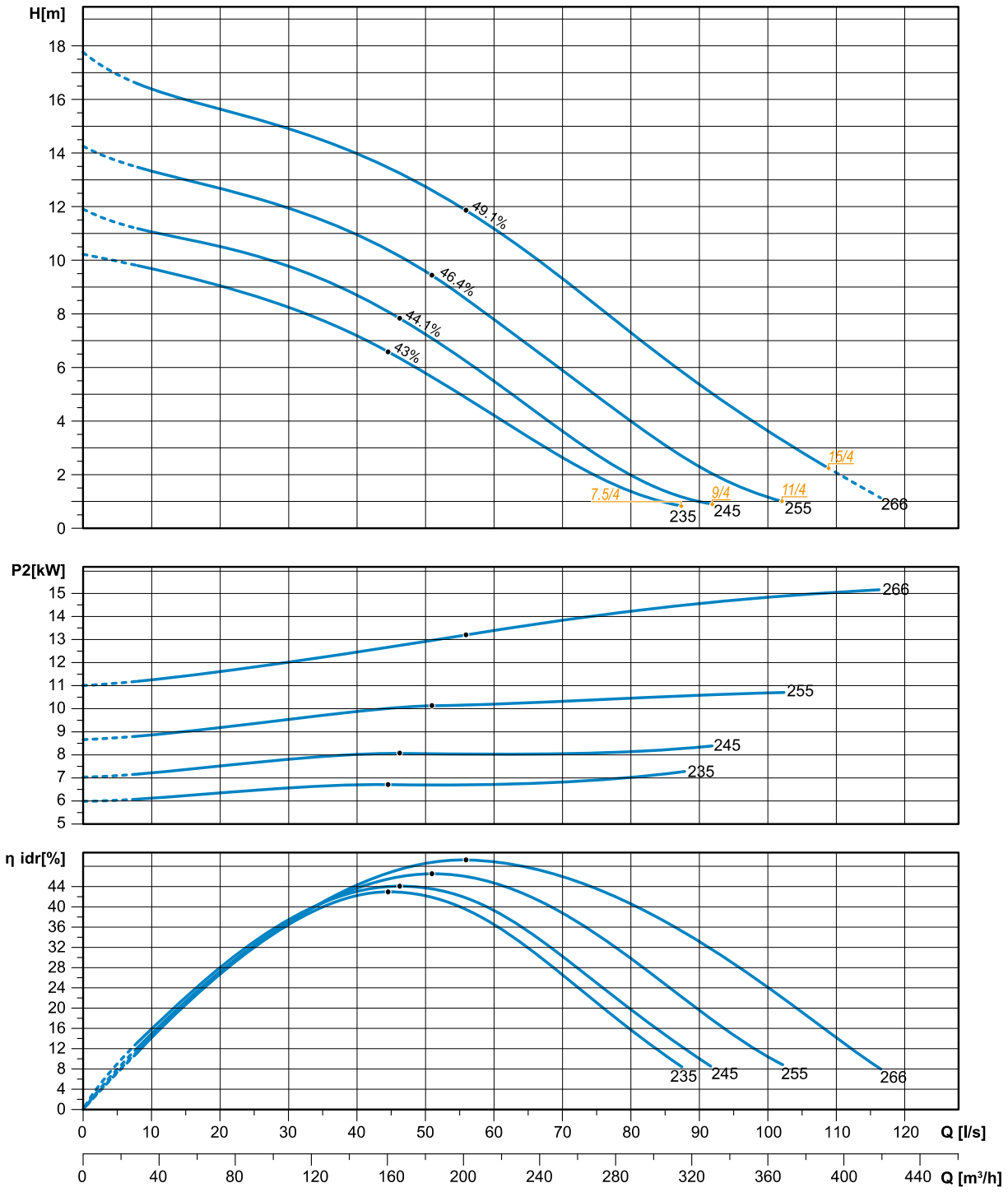
KBS H



FLX

ZUG V 150A

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG OC 065A

1.8 ÷ 3 kW - 2 poles

Hydraulics

Open channel impeller

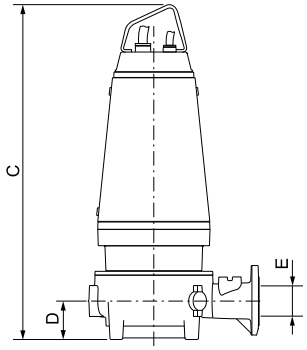
Free passage: 40 x 35 mm
Discharge: DN65
Suction: DN80

Motor

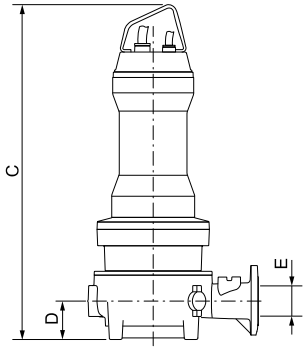
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
1.8/2 B	400/3	Dir	3.8	0.8	2.1	1.8	85.3	IE3
2.2/2 B	400/3	Dir	4.4	0.84	2.6	2.2	85.9	IE3
3/2 B	400/3	Dir	6.0	0.83	3.4	3.0	87.1	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

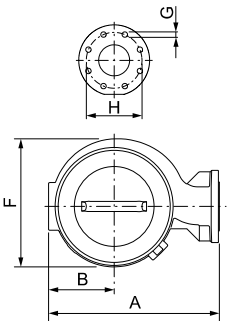
Overall dimensions and weight



DRY



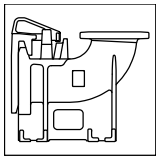
WET

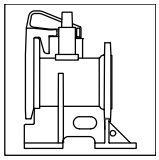


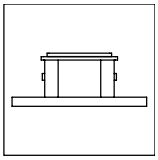
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG OC 065A 1.8/2 BW (D)	343	125	615	615	80	65	255	18	145	4	58.8	58.8
ZUG OC 065A 2.2/2 BW	343	125	615	-	80	65	255	18	145	4	59.0	-
ZUG OC 065A 3/2 BW	343	125	615	-	80	65	255	18	145	4	60.3	-

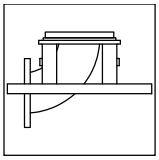
(*) Weight for the DRY version includes cooling fluid

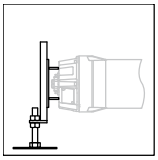
Available accessories

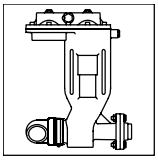

DAC V


DAC H


KBS

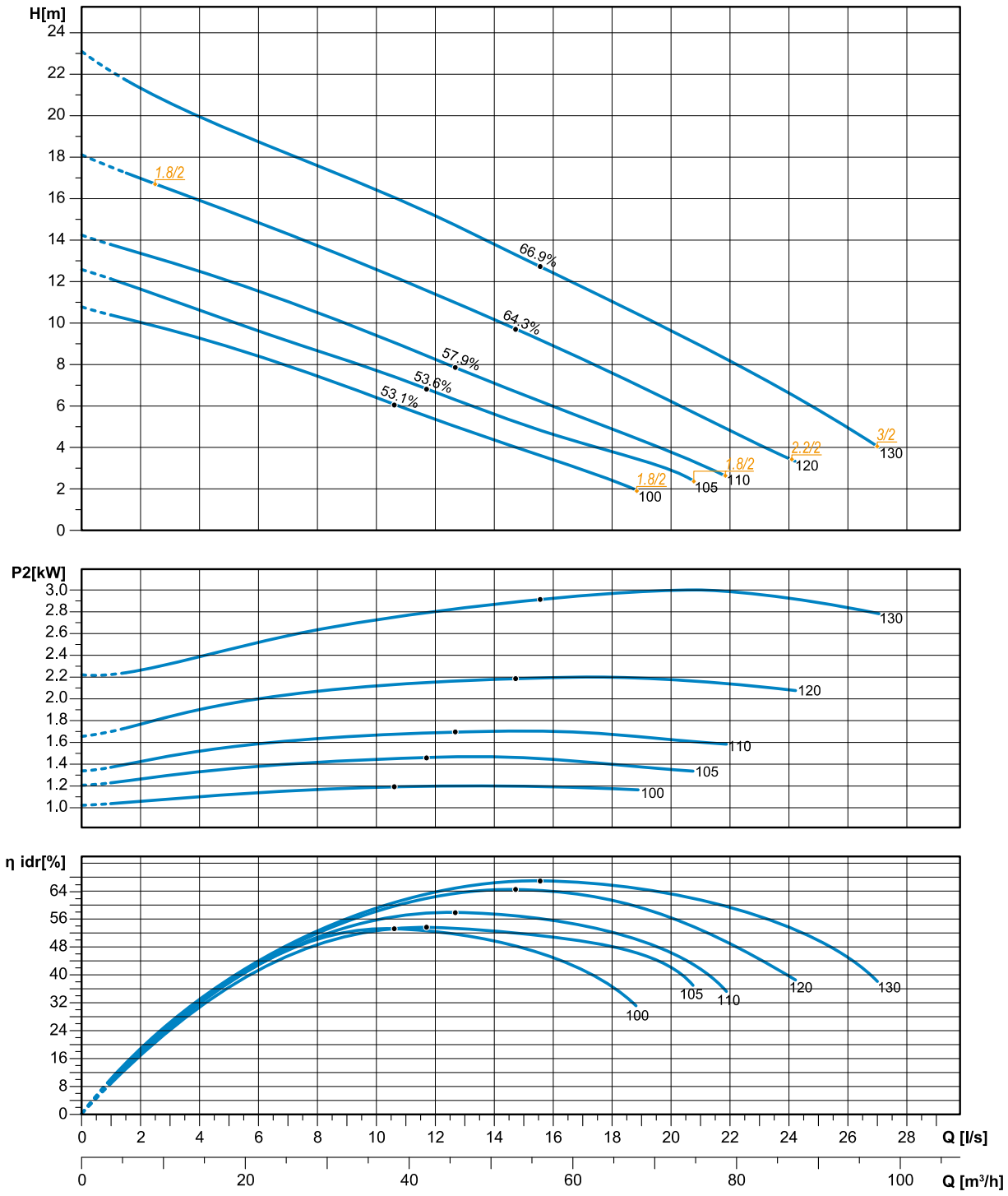

KBC


KBS H


FLX

ZUG OC 065A

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG OC 080A

4 ÷ 5.5 kW - 2 poles

Hydraulics

Open channel impeller

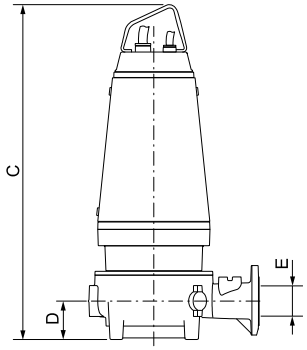
Free passage: 40 mm
Discharge: DN80
Suction: DN80

Motor

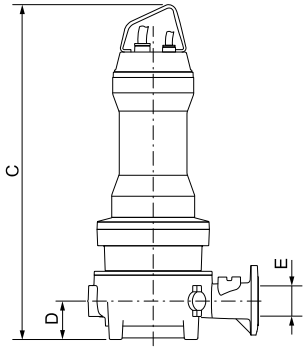
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
4/2 A	400-700/3	Y Δ	8.3	0.79	4.5	4.0	88.1	IE3
5.5/2 A	400-700/3	Y Δ	10.2	0.87	6.2	5.5	89.2	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

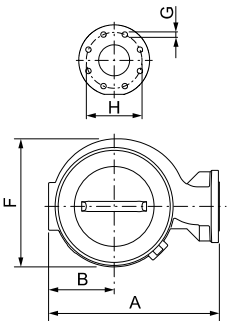
Overall dimensions and weight



DRY

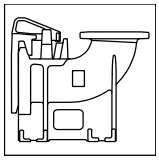


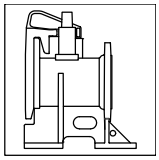
WET

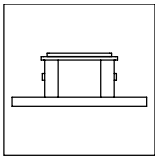


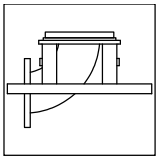
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG OC 080A 4/2 BW	327	142	707	-	91	80	271	18	160	8	70.7	-
ZUG OC 080A 5.5/2 BW	327	142	782	-	91	80	271	18	160	8	79.7	-

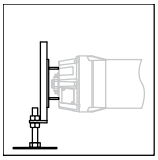
Available accessories

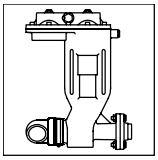

DAC V


DAC H


KBS

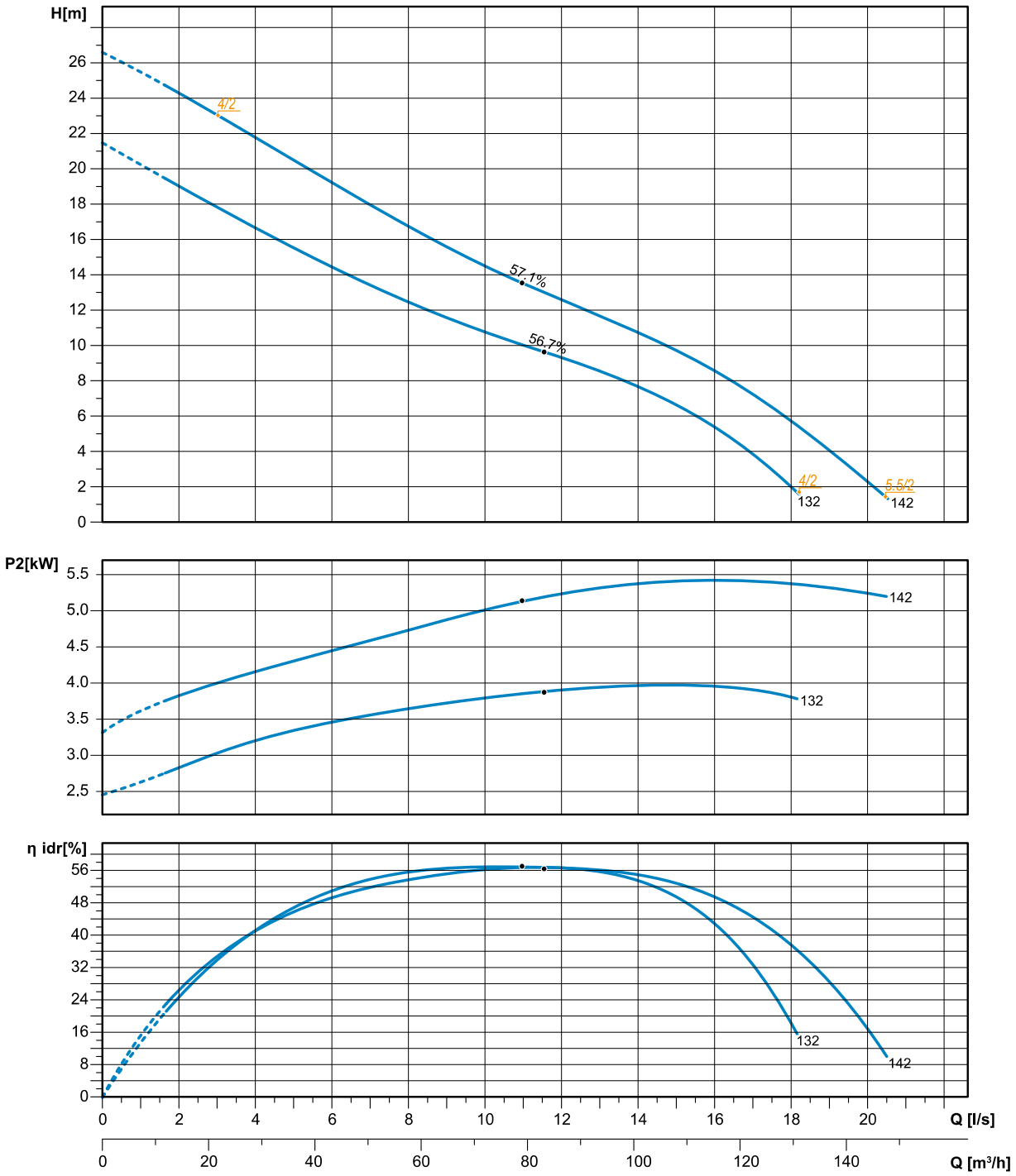

KBC


KBS H


FLX

ZUG OC 080A

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG OC 080B

4 ÷ 5.5 kW - 2 poles

Hydraulics

Open channel impeller

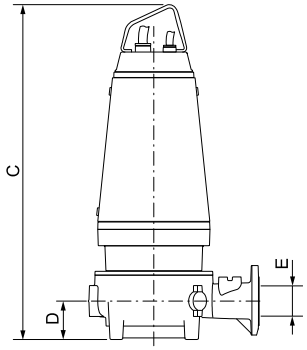
Free passage: 55 x 50 mm
Discharge: DN80
Suction: DN80

Motor

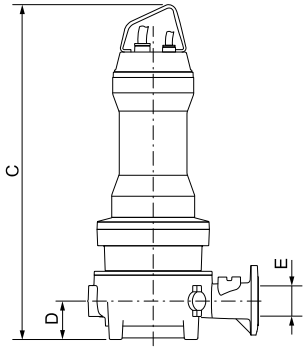
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
4/2 B	400/3	Dir	8.3	0.79	4.5	4.0	88.1	IE3
5.5/2 B	400/3	Dir	10.2	0.87	6.2	5.5	89.2	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

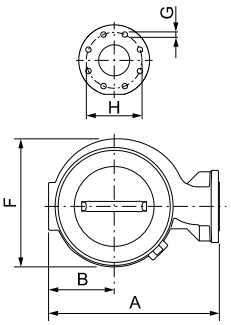
Overall dimensions and weight



DRY

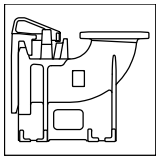


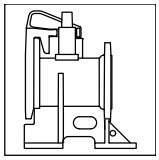
WET

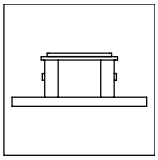


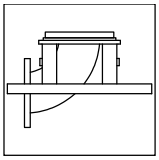
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG OC 080B 4/2 AB	327	142	707	-	91	80	271	18	160	8	70.7	-
ZUG OC 080B 5.5/2 AB	327	142	782	-	91	80	271	18	160	8	79.7	-

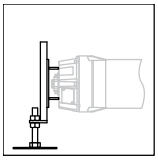
Available accessories

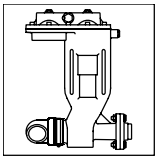

DAC V


DAC H


KBS

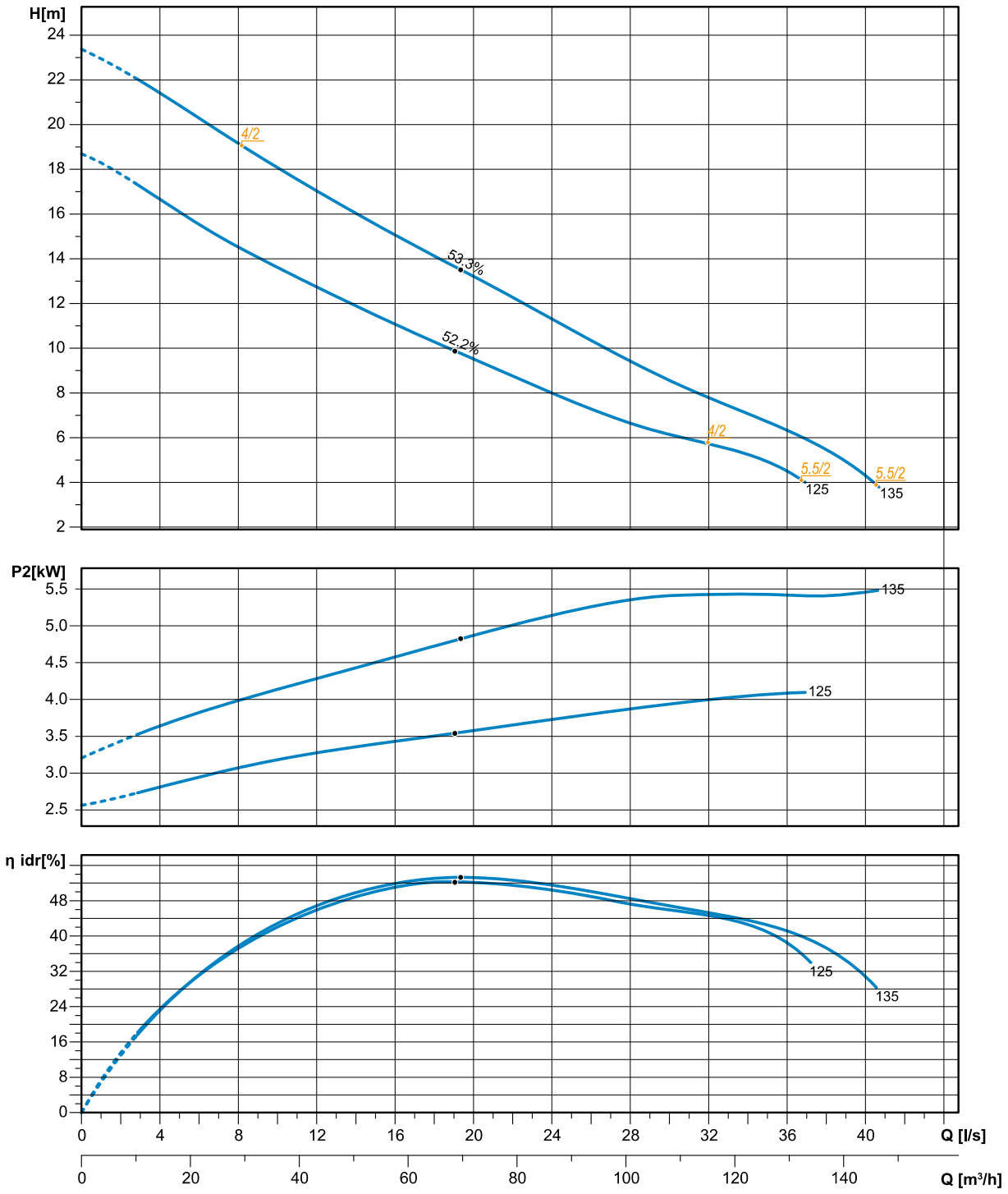

KBC


KBS H


FLX

ZUG OC 080B

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG OC 080E

1.8 ÷ 3 kW - 2 poles

Hydraulics

Open channel impeller

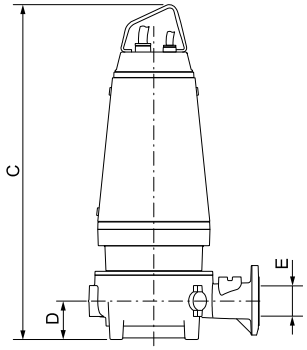
Free passage: 40 x 35 mm
Discharge: DN80
Suction: DN80

Motor

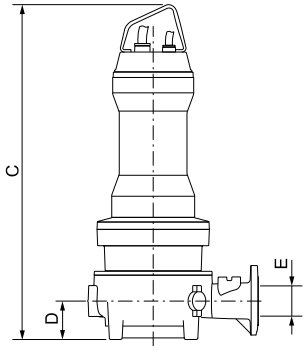
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
1.8/2 B	400/3	Dir	3.8	0.8	2.1	1.8	85.3	IE3
2.2/2 B	400/3	Dir	4.4	0.84	2.6	2.2	85.9	IE3
3/2 B	400/3	Dir	6.0	0.83	3.4	3.0	87.1	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

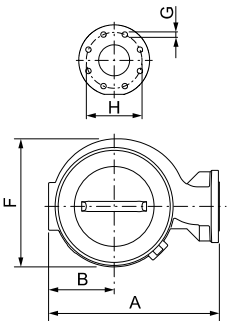
Overall dimensions and weight



DRY



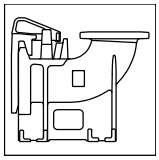
WET

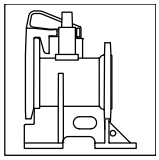


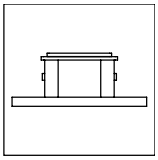
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG OC 080E 1.8/2 BW (D)	345	135	614	614	80	80	252	18	160	8	47.8	47.8
ZUG OC 080E 2.2/2 BW	345	135	614	-	80	80	252	18	160	8	48	-
ZUG OC 080E 3/2 BW	345	135	614	-	80	80	252	18	160	8	49.3	-

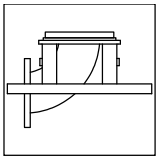
(*) Weight for the DRY version includes cooling fluid

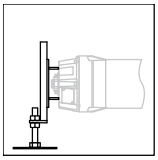
Available accessories

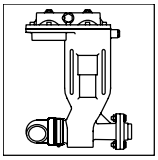

DAC V


DAC H


KBS

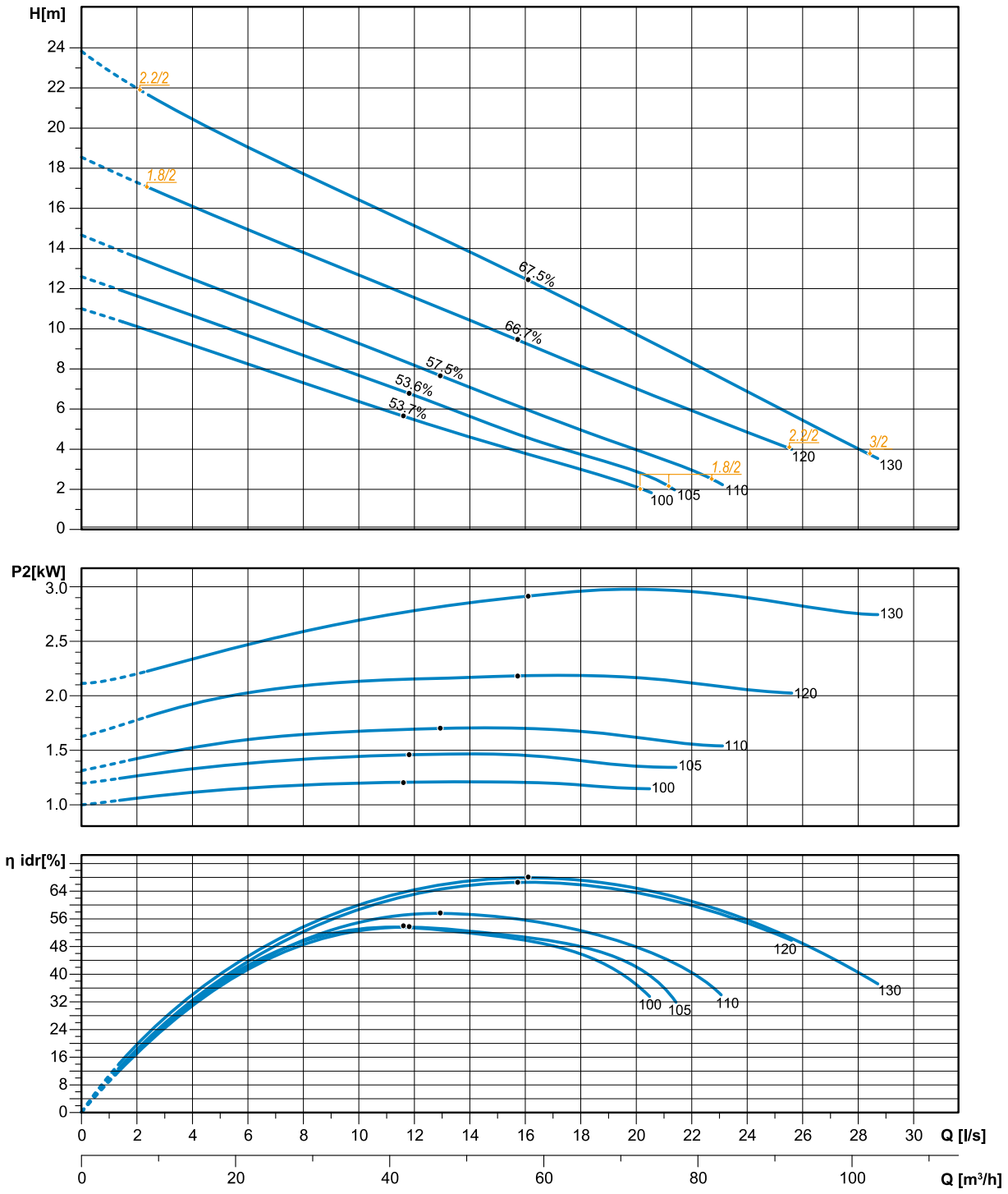

KBC


KBS H


FLX

ZUG OC 080E

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG OC 080G

15 ÷ 18.5 kW - 2 poles

Hydraulics

Open channel impeller

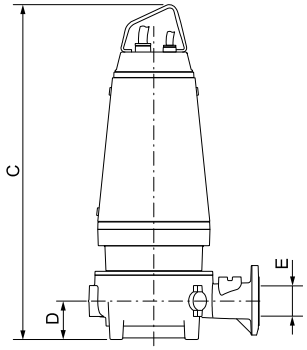
Free passage: 75 mm
Discharge: DN80
Suction: DN80

Motor

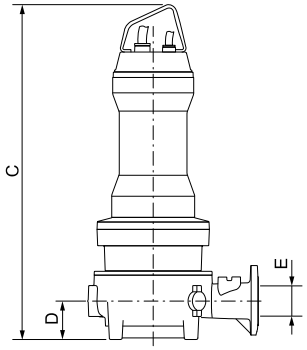
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
15/2 B	400-700/3	Y Δ	26.7	0.88	16.3	15.0	91.9	IE3
18.5/2 B	400-700/3	Y Δ	33.1	0.87	20.0	18.5	92.3	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

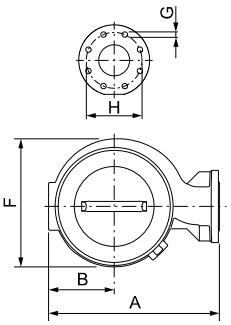
Overall dimensions and weight



DRY

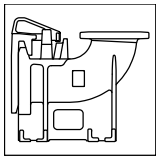


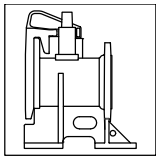
WET

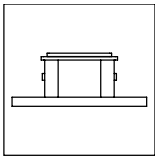


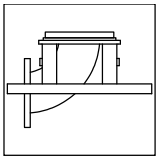
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG OC 080G 15/2 BW	393	151	1033	-	88	80	293	18	160	8	209	-
ZUG OC 080G 18.5/2 BW	393	151	1067	-	88	80	293	18	160	8	218.5	-

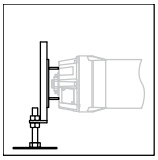
Available accessories

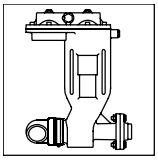

DAC V


DAC H


KBS

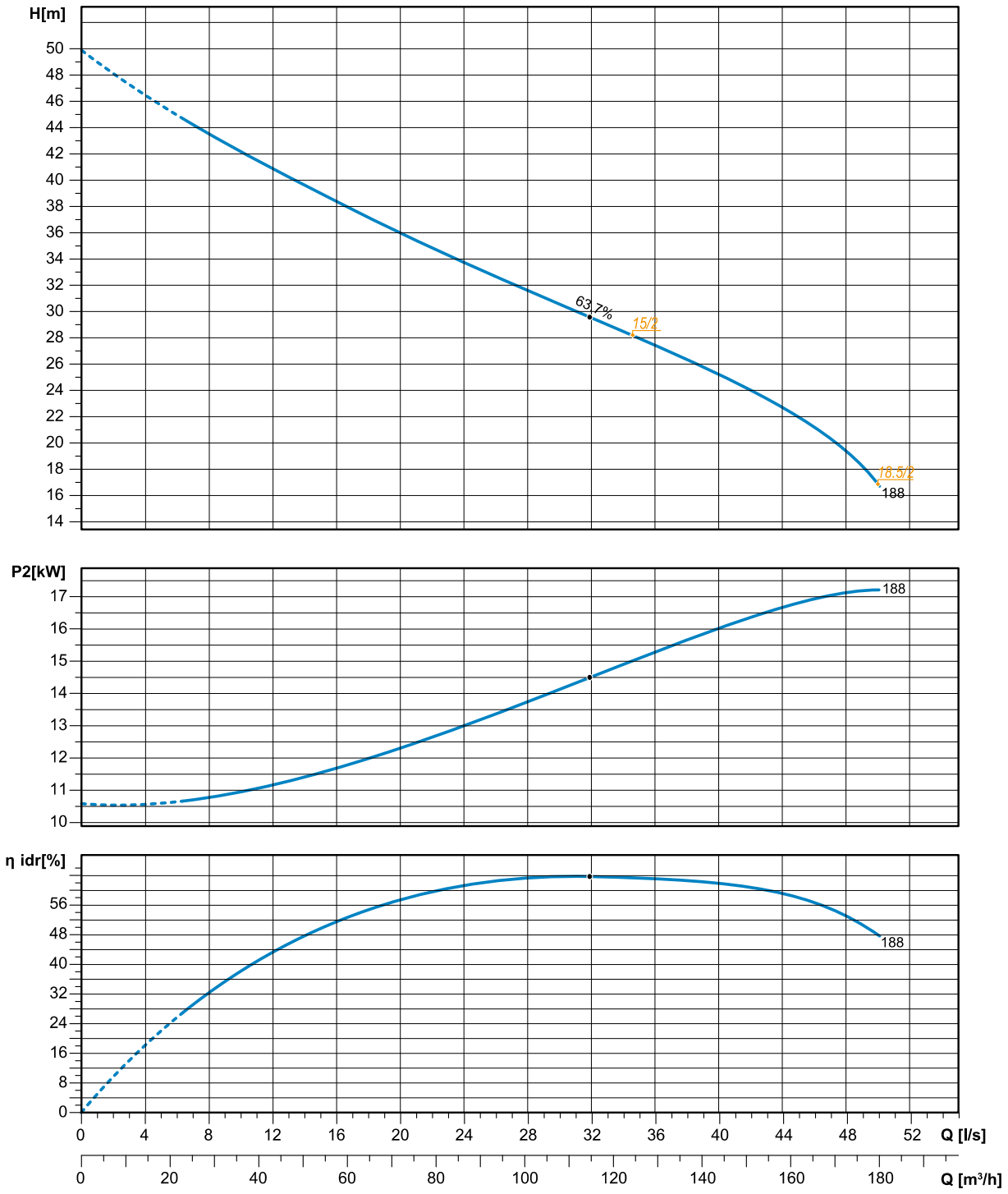

KBC


KBS H


FLX

ZUG OC 080G

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG OC 080G

3 kW - 4 poles

Hydraulics

Open channel impeller

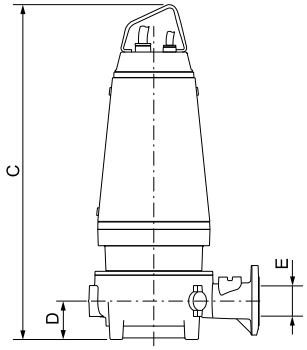
Free passage: 75 mm
Discharge: DN80
Suction: DN80

Motor

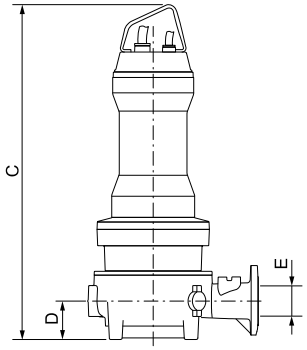
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
3/4 A	400-700/3	Y Δ	6.6	0.75	3.42	3.0	87.7	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

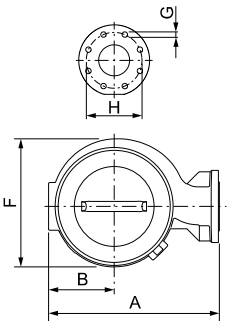
Overall dimensions and weight



DRY

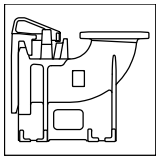


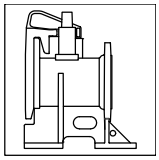
WET

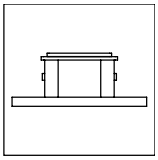


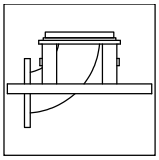
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG OC 080G 3/4 AW	393	151	801	-	88	80	303	18	160	8	125	-

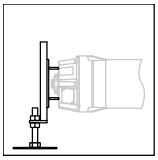
Available accessories

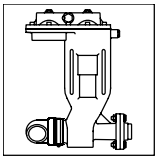

DAC V


DAC H


KBS

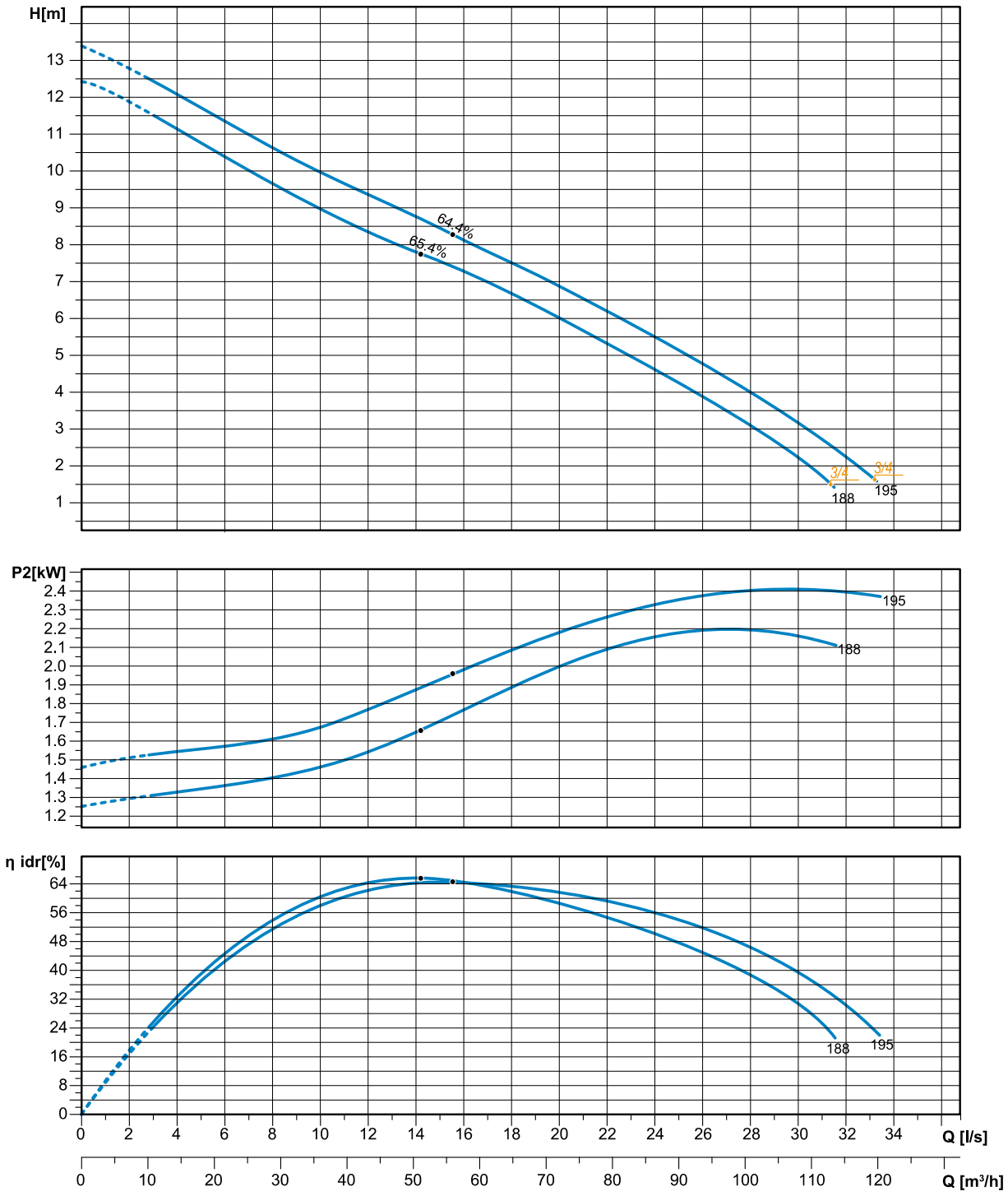

KBC


KBS H


FLX

ZUG OC 080G

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG OC 080H

3 ÷ 4 kW - 4 poles

Hydraulics

Open channel impeller

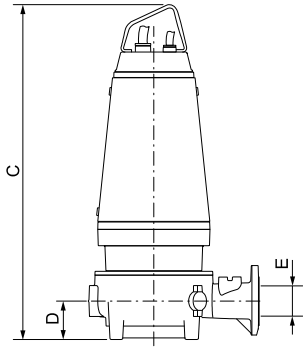
Free passage: 75 mm
Discharge: DN80
Suction: DN100

Motor

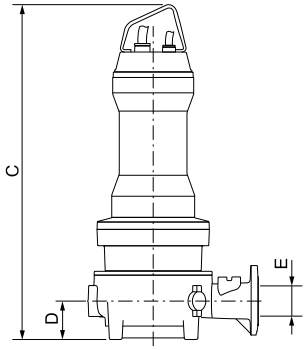
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
3/4 A	400-700/3	Y Δ	6.6	0.75	3.42	3.0	87.7	IE3
4/4 A	400-700/3	Y Δ	8.4	0.77	4.5	4.0	88.7	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

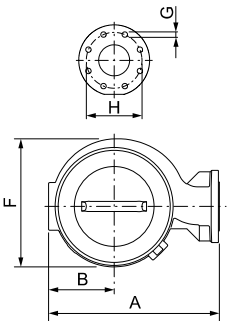
Overall dimensions and weight



DRY

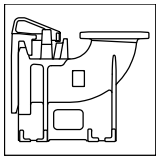


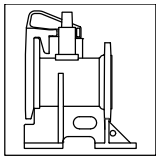
WET

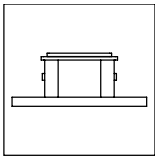


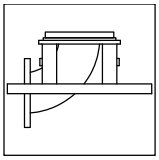
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG OC 080H 3/4 AW	393	151	801	-	88	80	303	18	160	8	125	-
ZUG OC 080H 4/4 AW	393	151	901	-	88	80	303	18	160	8	143	-

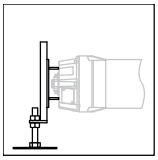
Available accessories

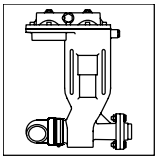

DAC V


DAC H


KBS

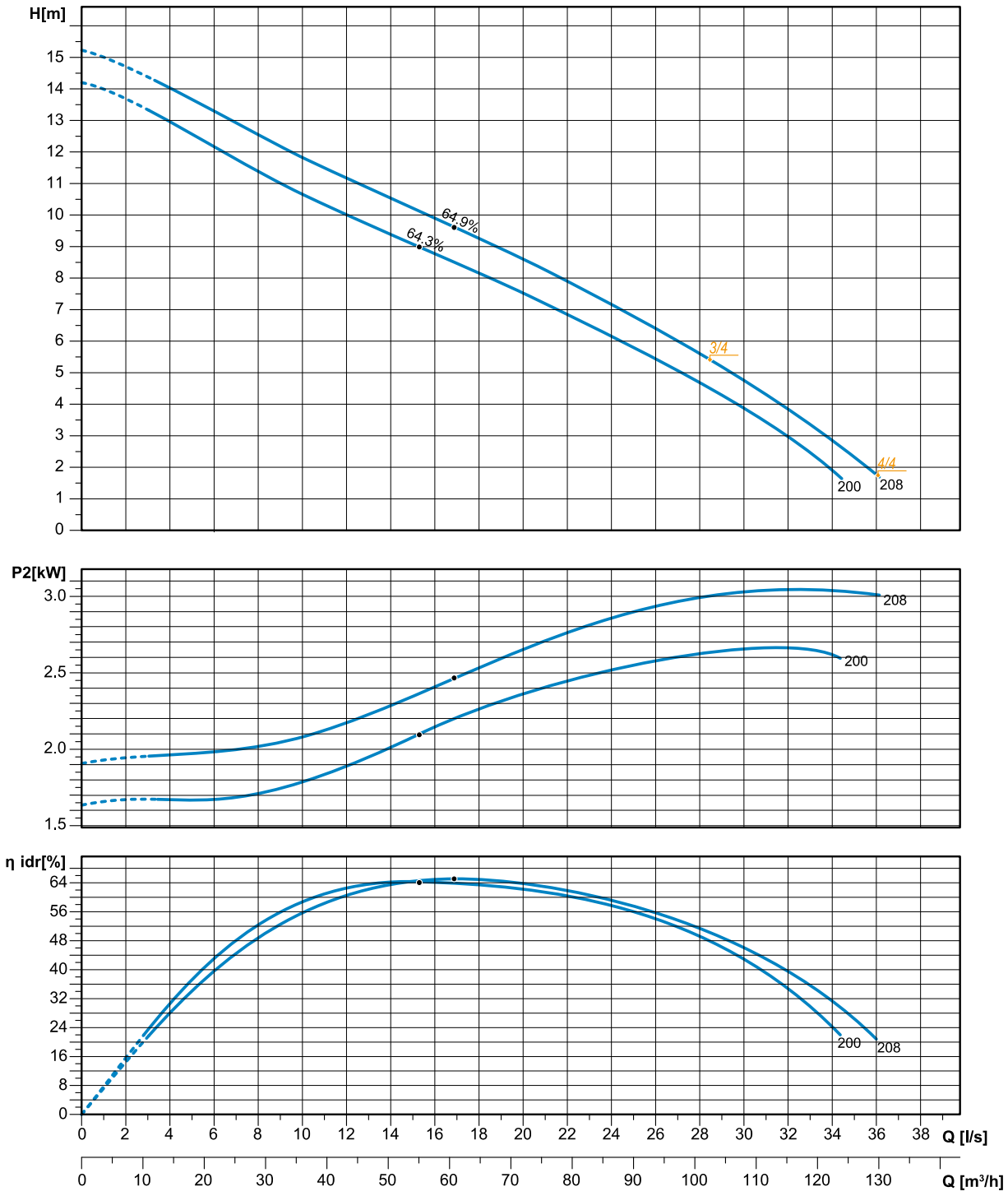

KBC


KBS H


FLX

ZUG OC 080H

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG OC 100A

7.5 ÷ 18.5 kW - 4 poles

Hydraulics

Open channel impeller

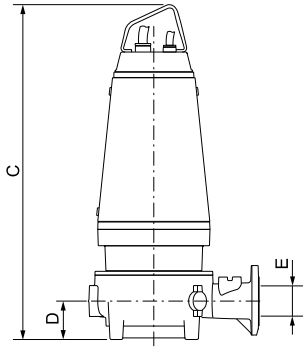
Free passage: 80 mm
Discharge: DN100
Suction: DN150

Motor

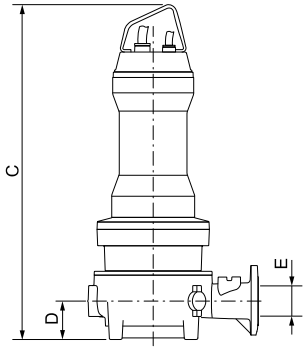
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7.5/4 A	400-700/3	Y Δ	14.5	0.83	8.3	7.5	90.4	IE3
9/4 A	400-700/3	Y Δ	18.3	0.78	9.9	9	90.8	IE3
11/4 A	400-700/3	Y Δ	21.2	0.82	12	11	91.4	IE3
15/4 A	400-700/3	Y Δ	28.5	0.82	16.3	15	92.2	IE3
18.5/4 A	400-700/3	Y Δ	35.2	0.82	20	18.5	92.6	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

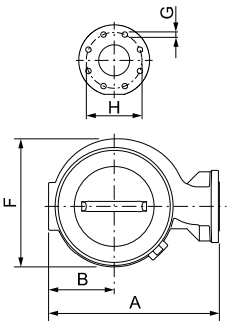
Overall dimensions and weight



DRY



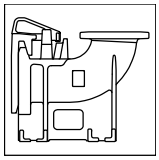
WET

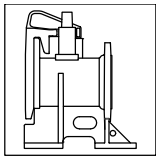


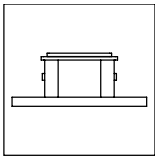
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG OC 100A 7.5/4 AW (D)	548	208	1025	1025	124	100	414	18	180	8	240	275
ZUG OC 100A 9/4 AW (D)	548	208	1115	1115	124	100	414	18	180	8	240	294
ZUG OC 100A 11/4 AW (D)	548	208	1166	1166	124	100	414	18	180	8	312.2	359.2
ZUG OC 100A 15/4 AW (D)	548	208	1166	1166	124	100	414	18	180	8	325.9	372.9
ZUG OC 100A 18.5/4 AW (D)	561	221	1349	1349	124	100	443	18	180	8	410.5	463.5

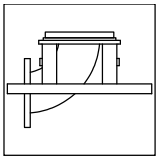
(*) Weight for the DRY version includes cooling fluid

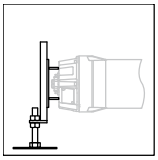
Available accessories

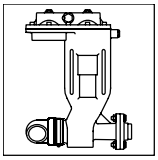

DAC V


DAC H


KBS

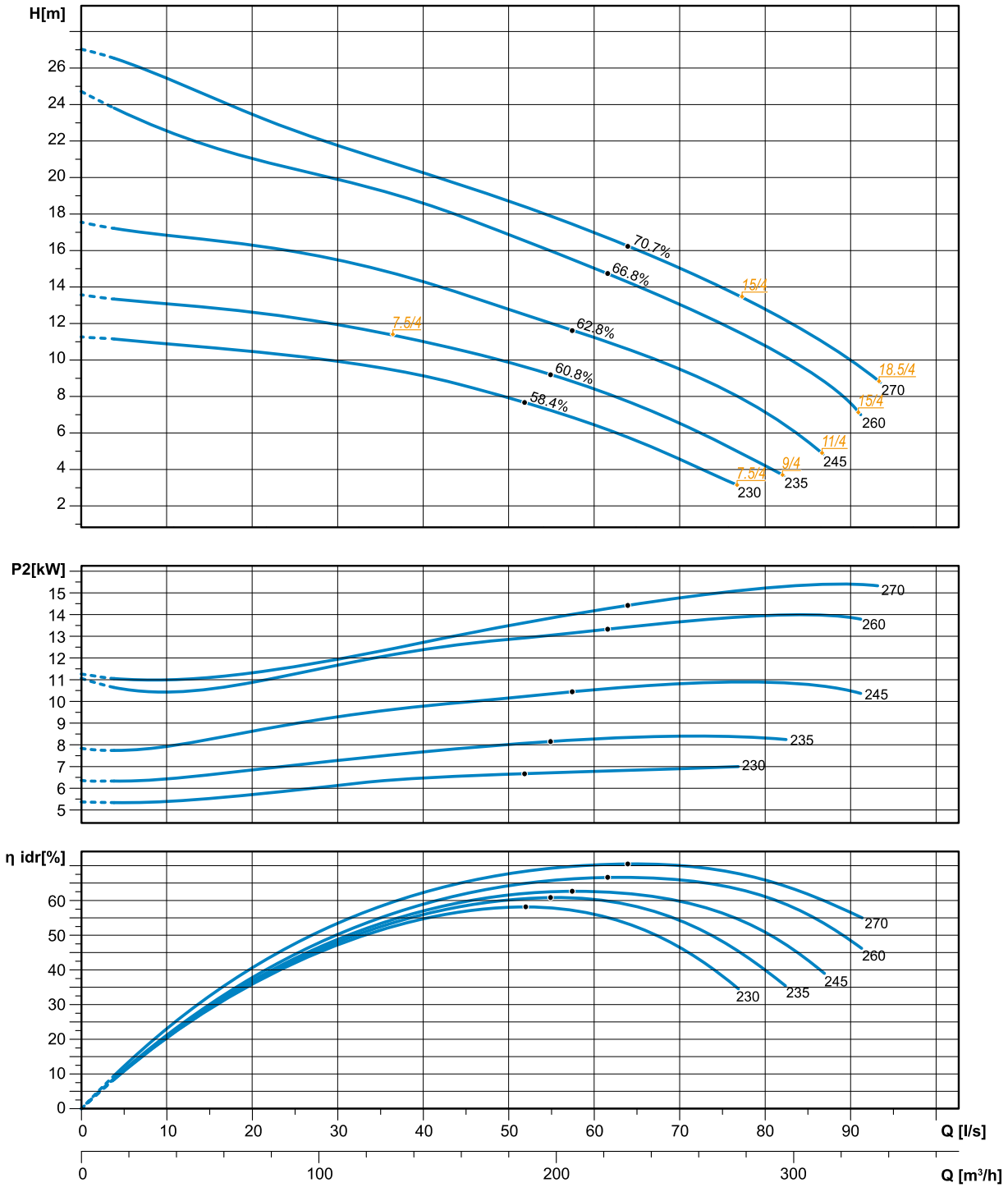

KBC


KBS H


FLX

ZUG OC 100A

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG OC 100B

11 ÷ 45 kW - 4 poles

Hydraulics

Open channel impeller

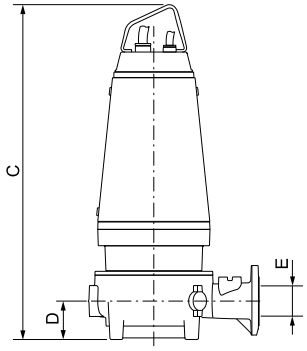
Free passage: 80 mm
Discharge: DN100
Suction: DN150

Motor

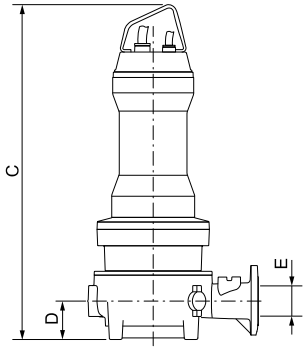
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
11/4 A	400-700/3	Y Δ	21.2	0.82	12	11	91.4	IE3
15/4 A	400-700/3	Y Δ	28.5	0.82	16.3	15	92.2	IE3
18.5/4 A	400-700/3	Y Δ	35.2	0.82	20	18.5	92.6	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

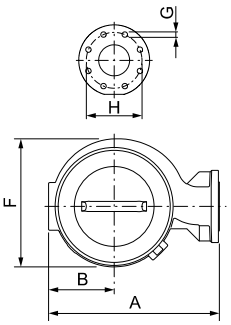
Overall dimensions and weight



DRY



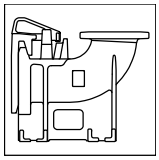
WET

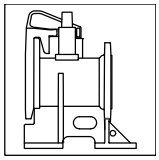


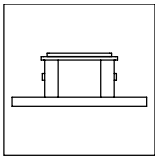
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG OC 100B 11/4 AW (D)	590	240	1170	1170	120	100	475	18	180	8	313	360
ZUG OC 100B 15/4 AW (D)	590	240	1170	1170	120	100	475	18	180	8	326	373
ZUG OC 100B 18.5/4 AW (D)	590	240	1350	1350	120	100	475	18	180	8	411	464

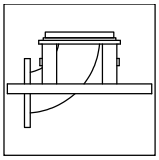
(*) Weight for the DRY version includes cooling fluid

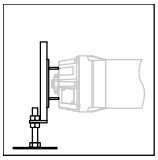
Available accessories

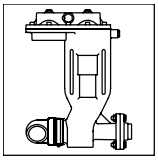

DAC V


DAC H


KBS


KBC

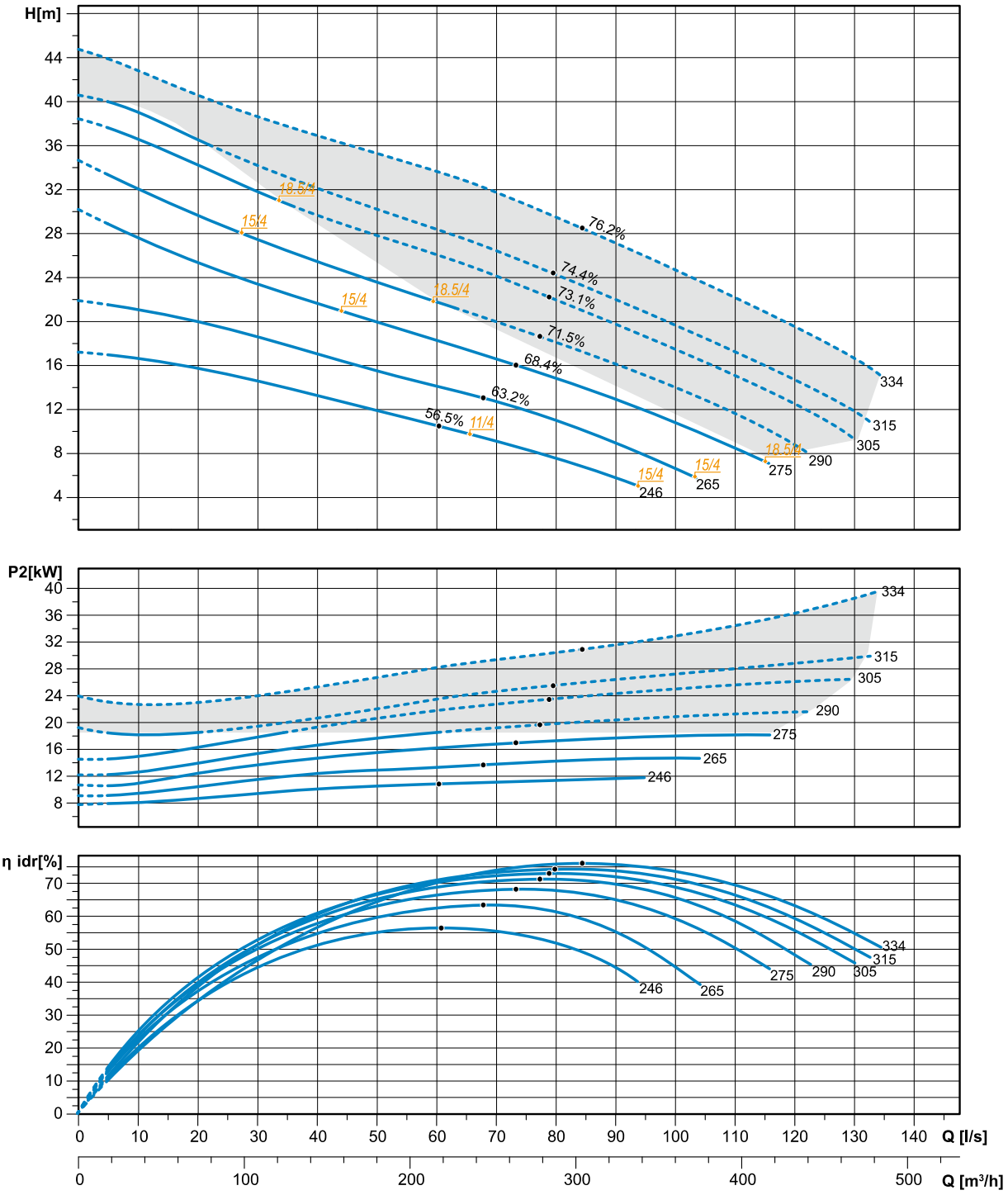

KBS H


FLX

ZUG OC 100B

Performances

Contact Zenit



Characteristic curves according to UNI EN ISO 9906

ZUG OC 100E

4 ÷ 9 kW - 4 poles

Hydraulics

Open channel impeller

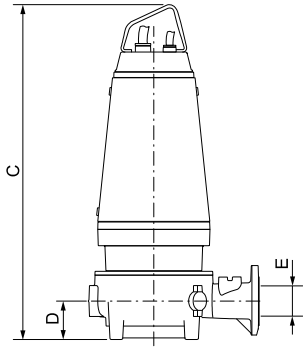
Free passage: 80 mm
Discharge: DN100
Suction: DN150

Motor

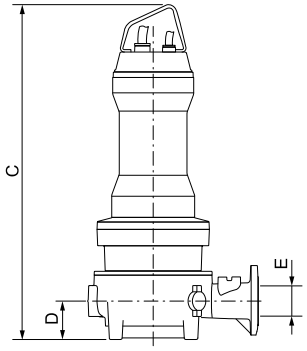
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
4/4 A	400-700/3	Y Δ	8.5	0.77	4.5	4	88.7	IE3
5.5/4 A	400-700/3	Y Δ	11.7	0.76	6.1	5.5	89.6	IE3
7.5/4 A	400-700/3	Y Δ	14.5	0.83	8.3	7.5	90.4	IE3
9/4 A	400-700/3	Y Δ	18.3	0.78	9.9	9	90.8	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

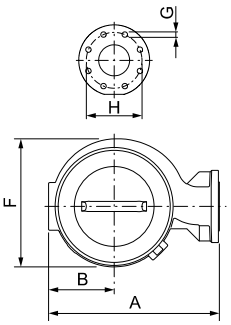
Overall dimensions and weight



DRY



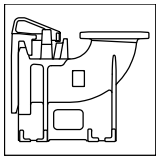
WET

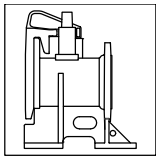


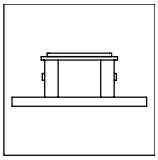
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG OC 100E 4/4 AW (D)	550	210	950	1025	125	100	420	18	180	8	182.7	267.7
ZUG OC 100E 5.5/4 AW (D)	550	210	950	1025	125	100	420	18	180	8	185.7	271.7
ZUG OC 100E 7.5/4 AW (D)	550	210	1025	1025	125	100	415	18	180	8	235	270
ZUG OC 100E 9/4 AW (D)	550	210	1120	1120	125	100	415	18	180	8	256	289

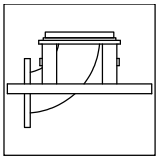
(*) Weight for the DRY version includes cooling fluid

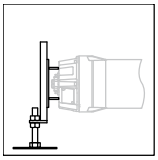
Available accessories

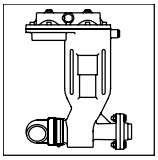

DAC V


DAC H


KBS

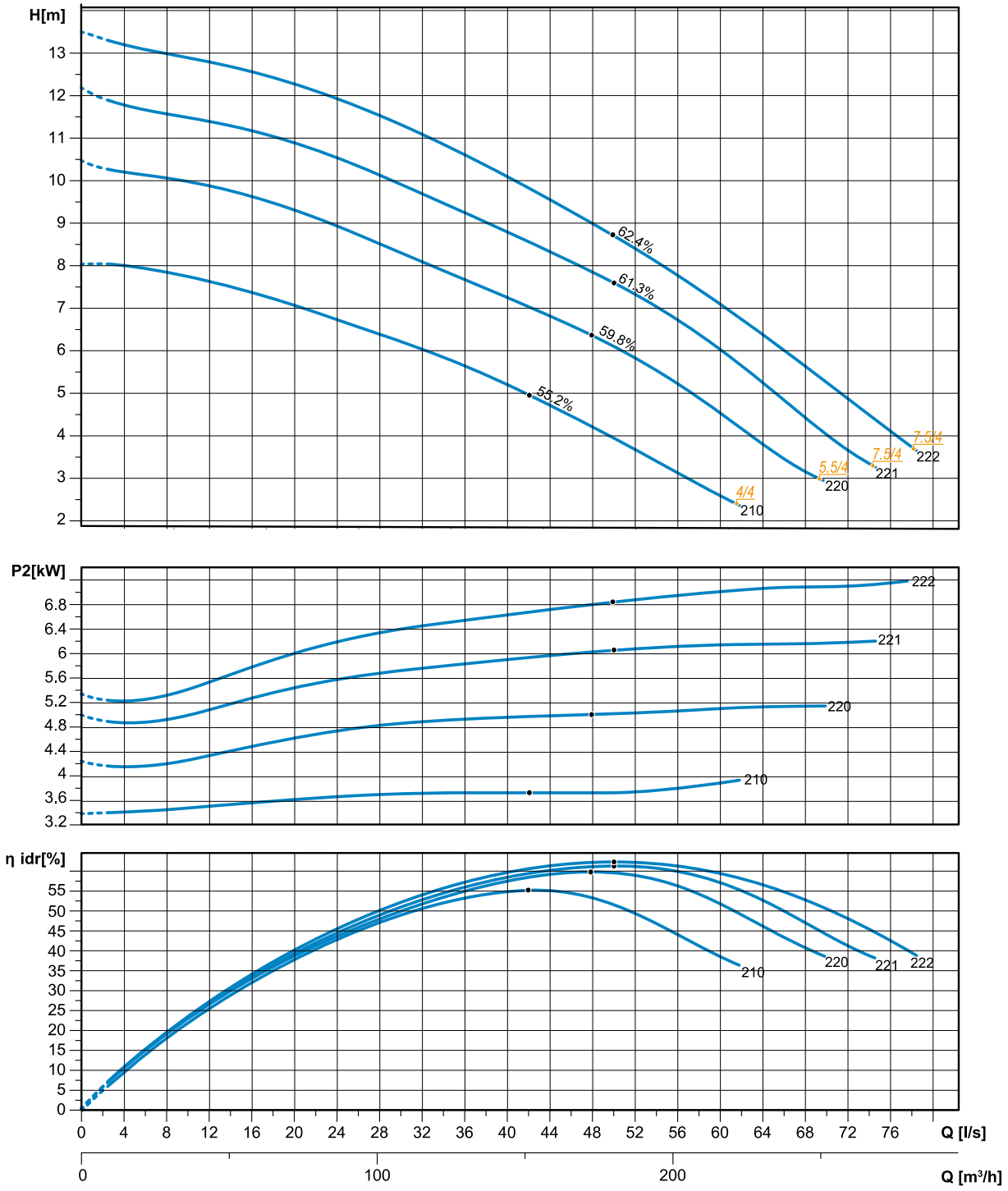

KBC


KBS H


FLX

ZUG OC 100E

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG OC 100F

3 ÷ 15 kW - 4 poles

Hydraulics

Open channel impeller

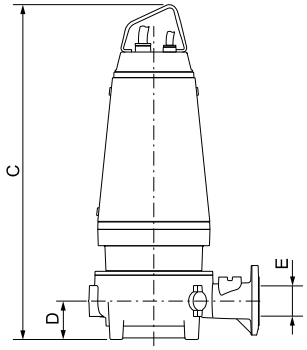
Free passage: 45 mm
Discharge: DN100
Suction: DN150

Motor

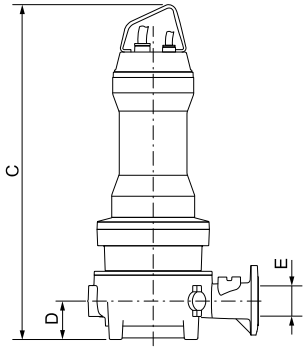
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
3/4 A	400-700/3	Y Δ	6.6	0.75	3.42	3	87.7	IE3
4/4 A	400-700/3	Y Δ	8.5	0.77	4.5	4	88.7	IE3
5.5/4 A	400-700/3	Y Δ	11.7	0.76	6.1	5.5	89.6	IE3
7.5/4 A	400-700/3	Y Δ	14.5	0.83	8.3	7.5	90.4	IE3
9/4 A	400-700/3	Y Δ	18.3	0.78	9.9	9	90.8	IE3
11/4 A	400-700/3	Y Δ	21.2	0.82	12	11	91.4	IE3
15/4 A	400-700/3	Y Δ	28.5	0.82	16.3	15	92.2	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

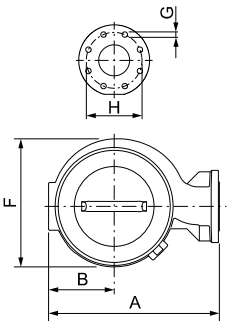
Overall dimensions and weight



DRY



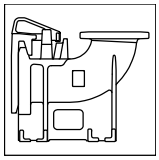
WET

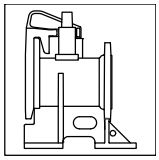


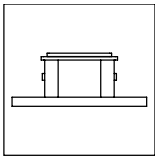
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG OC 100F 3/4 AW	605	210	860	-	125	100	415	18	180	8	191	-
ZUG OC 100F 4/4 AW (D)	605	210	960	1035	125	100	415	18	180	8	209	294
ZUG OC 100F 5.5/4 AW (D)	605	210	960	1035	125	100	415	18	180	8	212	298
ZUG OC 100F 7.5/4 AW (D)	605	210	1035	1035	125	100	415	18	180	8	261.3	296.3
ZUG OC 100F 9/4 AW (D)	605	210	1130	1130	125	100	415	18	180	8	282.3	315.3
ZUG OC 100F 11/4 AW (D)	605	210	1180	1180	125	100	415	18	180	8	333.5	380.5
ZUG OC 100F 15/4 AW (D)	605	210	1180	1180	125	100	415	18	180	8	347.2	394.2

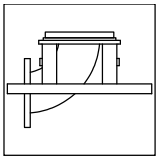
(*) Weight for the DRY version includes cooling fluid

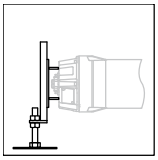
Available accessories

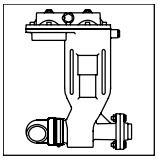

DAC V


DAC H


KBS

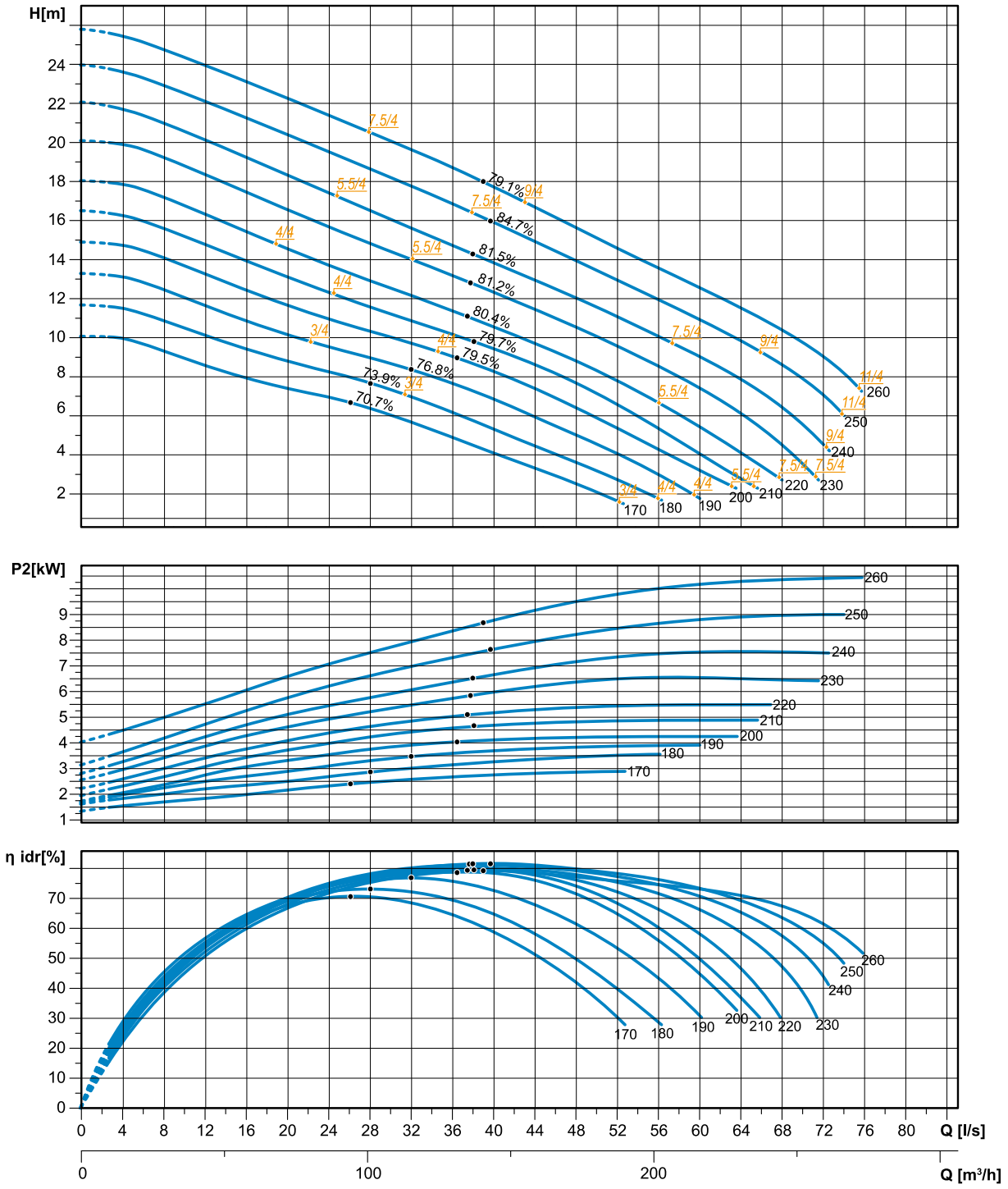

KBC


KBS H


FLX

ZUG OC 100F

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG OC 100H

7.5 ÷ 11 kW - 4

Hydraulics

Open channel impeller

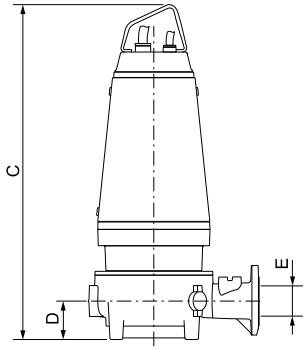
Free passage: 80 mm
Discharge: DN100
Suction: DN150

Motor

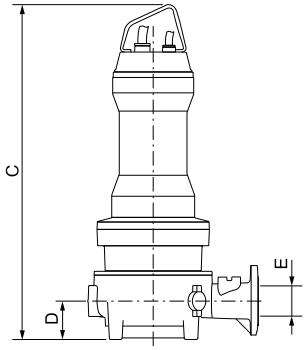
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7.5/4 A	400-700/3	Y Δ	14.5	0.83	8.3	7.5	90.4	IE3
9/4 A	400-700/3	Y Δ	18.3	0.78	9.9	9.0	90.8	IE3
11/4 A	400-700/3	Y Δ	21.3	0.81	12.0	11.0	91.4	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

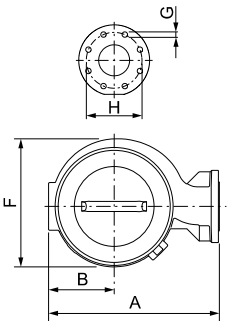
Overall dimensions and weight



DRY



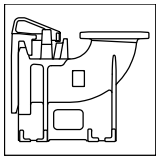
WET

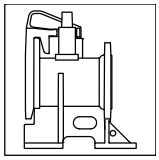


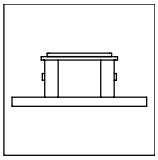
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG OC 100H 7.5/4 AW (D)	548	208	1025	1025	124	100	414	18	180	8	234.9	269.9
ZUG OC 100H 9/4 AW (D)	548	208	1115	1115	124	100	414	18	180	8	255.9	288.9
ZUG OC 100H 11/4 AW (D)	548	208	1166	1166	124	100	414	18	180	8	307.1	354.1

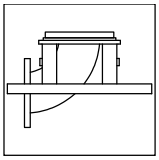
(*) Weight for the DRY version includes cooling fluid

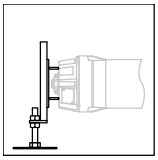
Available accessories

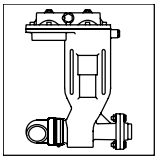

DAC V


DAC H


KBS

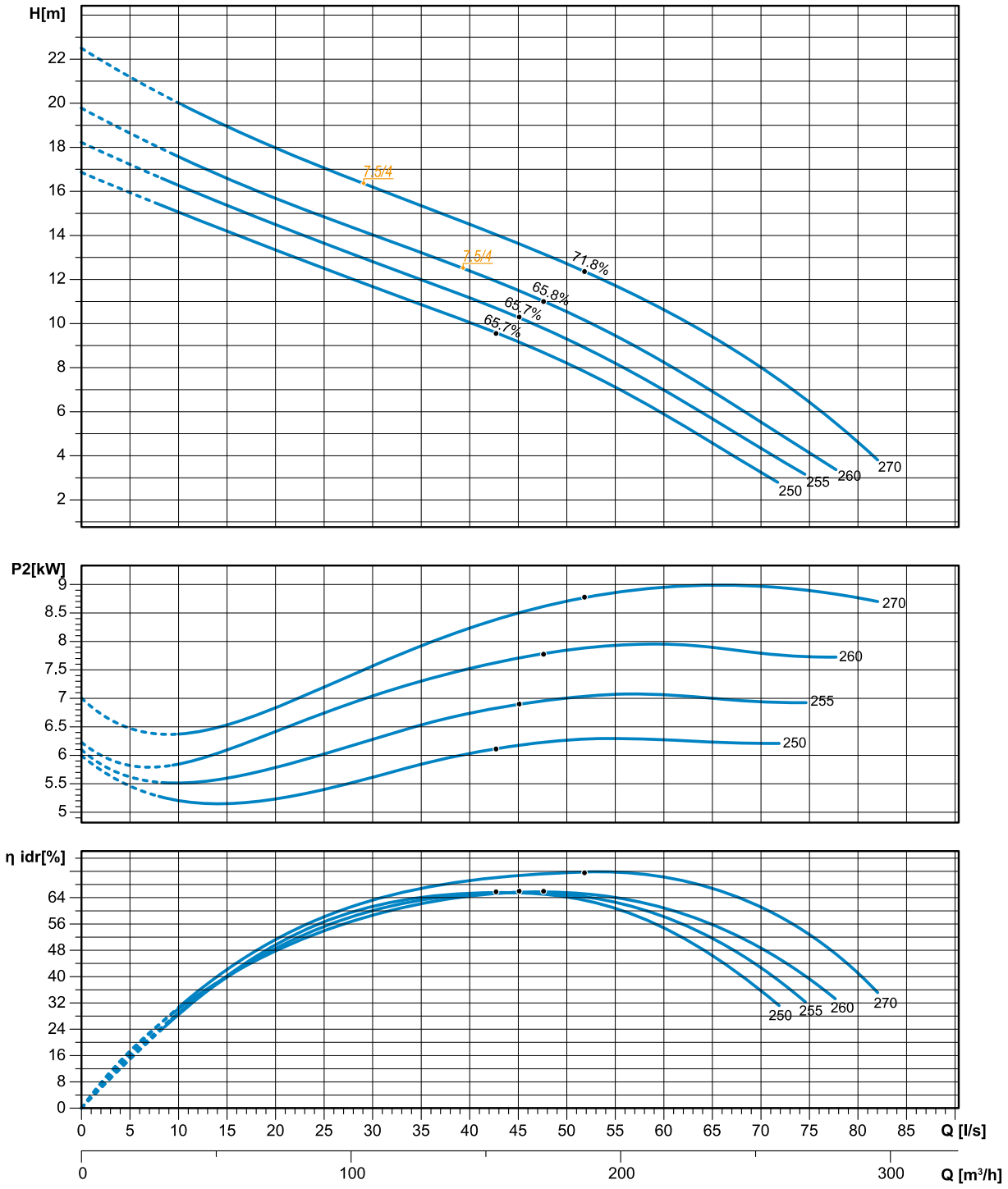

KBC


KBS H


FLX

ZUG OC 100H

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG OC 100J

3 ÷ 5.5 kW - 4 poles

Hydraulics

Open channel impeller

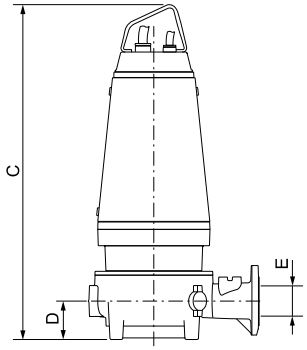
Free passage: 65 mm
Discharge: DN100
Suction: DN100

Motor

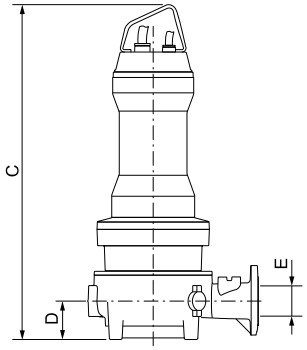
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
3/4 A	400-700/3	Y Δ	6.6	0.75	3.42	3	87.7	IE3
4/4 A	400-700/3	Y Δ	8.5	0.77	4.5	4	88.7	IE3
5.5/4 A	400-700/3	Y Δ	11.7	0.76	6.1	5.5	89.6	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

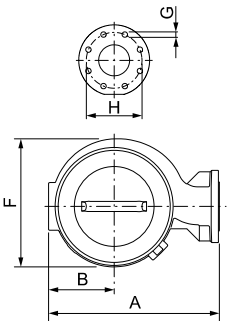
Overall dimensions and weight



DRY



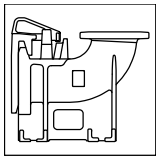
WET

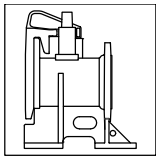


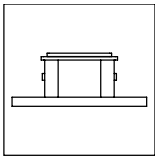
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG OC 100J 3/4 AW	600	210	862	-	125	100	408	18	180	8	173	-
ZUG OC 100J 4/4 AW (D)	600	210	962	1037	125	100	408	18	180	8	191	276
ZUG OC 100J 5.5/4 AW (D)	600	210	962	1037	125	100	408	18	180	8	194	280

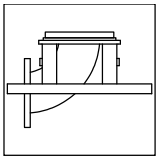
(*) Weight for the DRY version includes cooling fluid

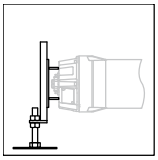
Available accessories

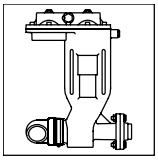

DAC V


DAC H


KBS

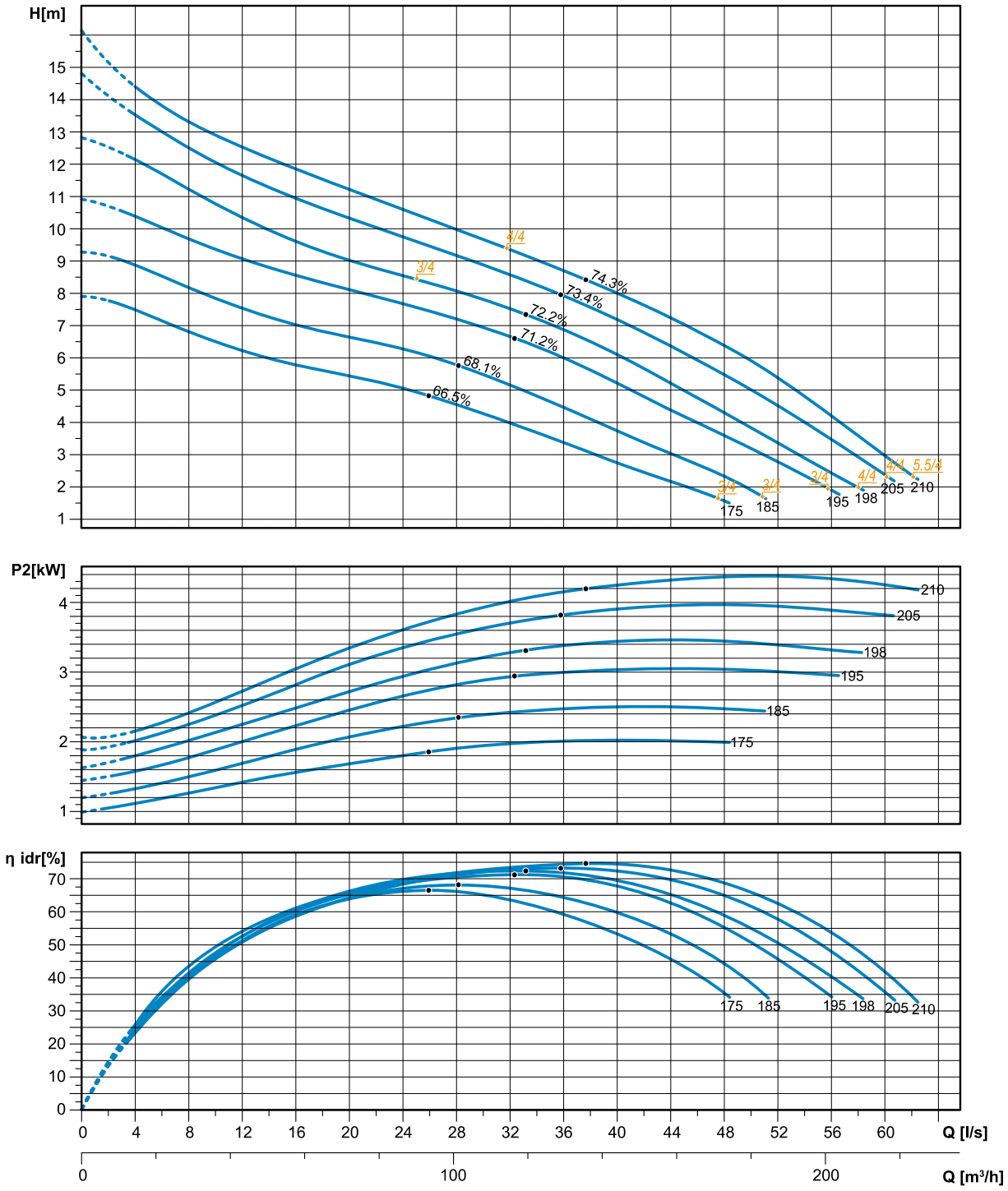

KBC


KBS H


FLX

ZUG OC 100J

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG OC 100L

4 ÷ 11 kW - 4 poles

Hydraulics

Open channel impeller

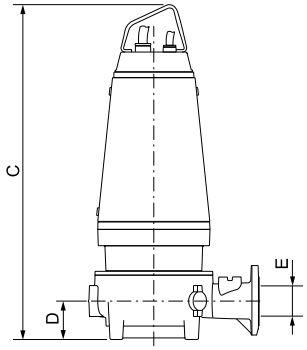
Free passage: 65 x 60 mm
Discharge: DN100
Suction: DN150

Motor

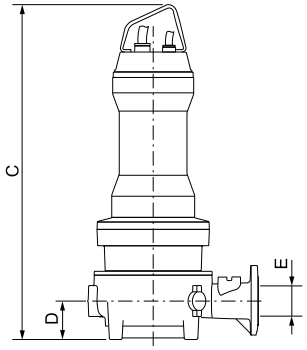
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
4/4 A	400-700/3	Y Δ	8.4	0.77	4.5	4.0	88.7	IE3
5.5/4 A	400-700/3	Y Δ	11.7	0.76	6.1	5.5	89.6	IE3
7.5/4 A	400-700/3	Y Δ	14.5	0.83	8.3	7.5	90.4	IE3
9/4 A	400-700/3	Y Δ	18.3	0.78	9.9	9.0	90.8	IE3
11/4 A	400-700/3	Y Δ	21.3	0.81	12.0	11.0	91.4	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

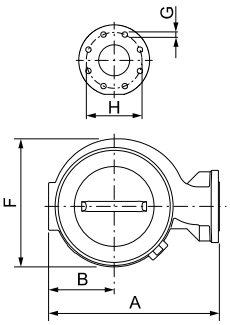
Overall dimensions and weight



DRY



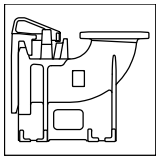
WET

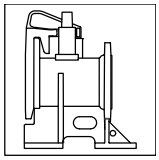


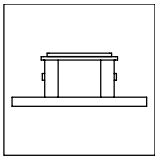
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG OC 100L 4/4 AW (D)	548	208	949	1025	124	100	414	18	180	8	183.0	268.0
ZUG OC 100L 5.5/4 AW (D)	548	208	949	1025	124	100	414	18	180	8	186.0	272.0
ZUG OC 100L 7.5/4 AW (D)	548	208	1025	1025	124	100	414	18	180	8	235.3	270.3
ZUG OC 100L 9/4 AW (D)	548	208	1115	1115	124	100	414	18	180	8	256.3	289.3
ZUG OC 100L 11/4 AW (D)	548	208	1166	1166	124	100	414	18	180	8	307.5	354.5

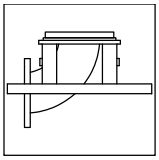
(*) Weight for the DRY version includes cooling fluid

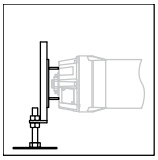
Available accessories

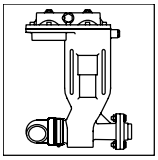

DAC V


DAC H


KBS

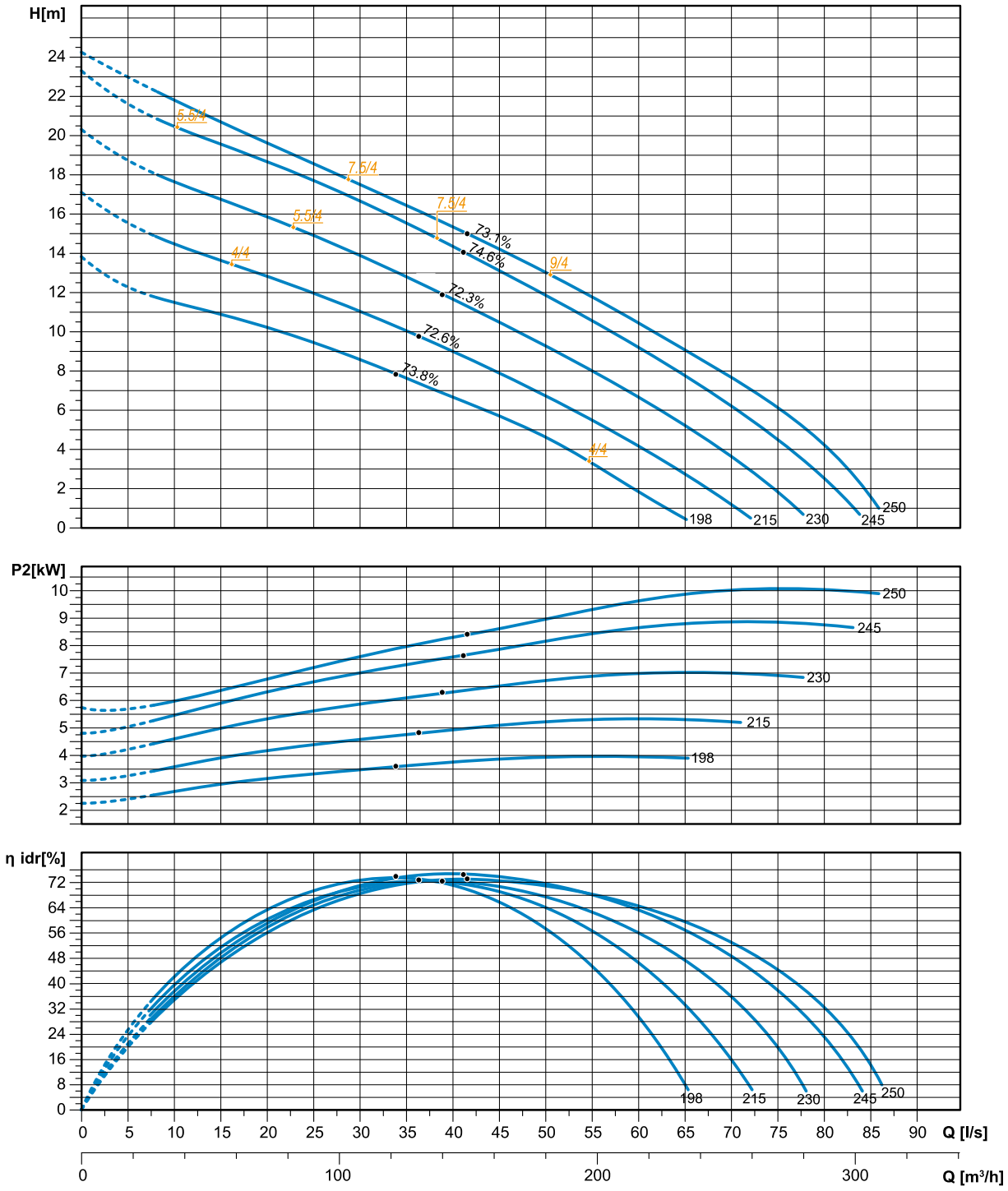

KBC


KBS H


FLX

ZUG OC 100L

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG OC 150A

7.5 ÷ 18.5 kW - 4 poles

Hydraulics

Open channel impeller

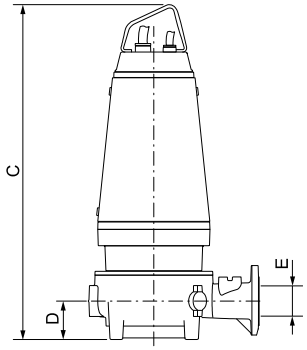
Free passage: 80 mm
Discharge: DN150
Suction: DN150

Motor

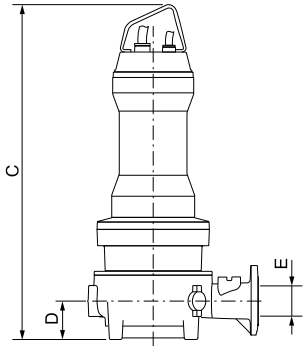
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7.5/4 A	400-700/3	Y Δ	14.5	0.83	8.3	7.5	90.4	IE3
9/4 A	400-700/3	Y Δ	18.3	0.78	9.9	9	90.8	IE3
11/4 A	400-700/3	Y Δ	21.2	0.82	12	11	91.4	IE3
15/4 A	400-700/3	Y Δ	28.5	0.82	16.3	15	92.2	IE3
18.5/4 A	400-700/3	Y Δ	35.2	0.82	20	18.5	92.6	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

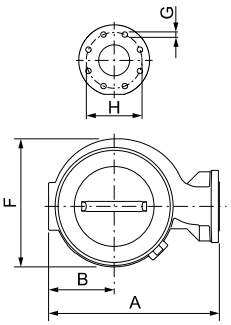
Overall dimensions and weight



DRY



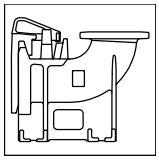
WET

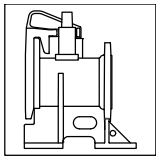


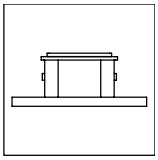
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG OC 150A 7.5/4 AW (D)	612	222	1031	1031	130	150	448	22	240	8	252.1	287.1
ZUG OC 150A 9/4 AW (D)	612	222	1121	1121	130	150	448	22	240	8	273.1	306.1
ZUG OC 150A 11/4 AW (D)	612	222	1172	1172	130	150	448	22	240	8	324.3	371.3
ZUG OC 150A 15/4 AW (D)	612	222	1172	1172	130	150	448	22	240	8	338	385
ZUG OC 150A 18.5/4 AW (D)	612	222	1355	1355	130	150	465	22	240	8	422.6	475.6

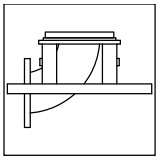
(*) Weight for the DRY version includes cooling fluid

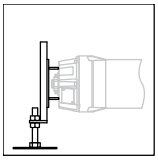
Available accessories

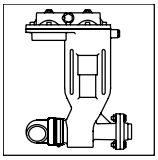

DAC V


DAC H


KBS

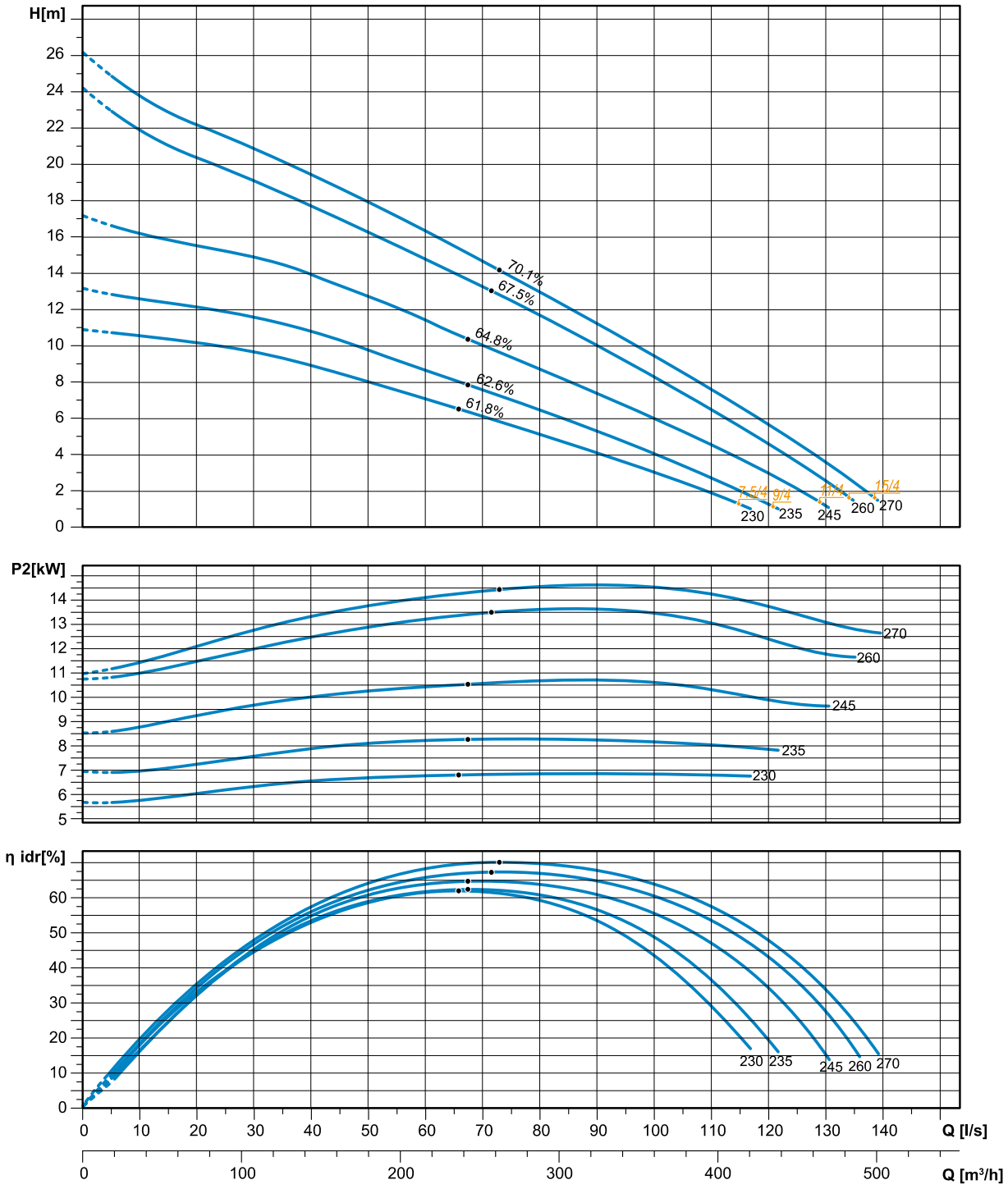

KBC


KBS H


FLX

ZUG OC 150A

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG OC 150D

3 ÷ 9 kW - 4 poles

Hydraulics

Open channel impeller

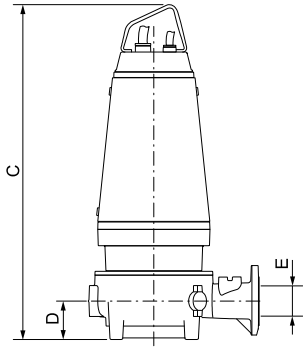
Free passage: 80 mm
Discharge: DN150
Suction: DN150

Motor

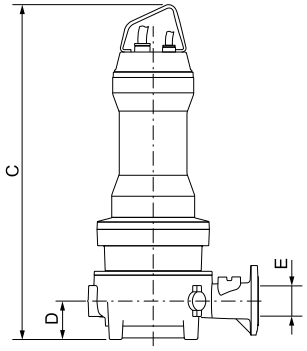
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
3/4 A	400-700/3	Y Δ	6.6	0.75	3.42	3	87.7	IE3
4/4 A	400-700/3	Y Δ	8.5	0.77	4.5	4	88.7	IE3
5.5/4 A	400-700/3	Y Δ	11.7	0.76	6.1	5.5	89.6	IE3
7.5/4 A	400-700/3	Y Δ	14.5	0.83	8.3	7.5	90.4	IE3
9/4 A	400-700/3	Y Δ	18.3	0.78	9.9	9	90.8	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

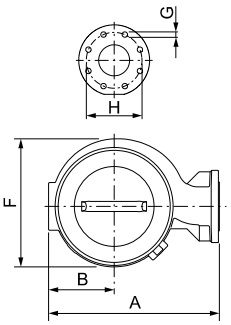
Overall dimensions and weight



DRY



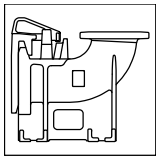
WET

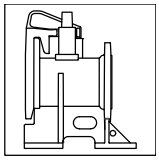


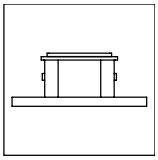
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG OC 150D 3/4 AW	610	220	855	-	130	150	450	22	240	8	177.4	-
ZUG OC 150D 4/4 AW (D)	610	220	955	1030	130	150	450	22	240	8	211.4	280.4
ZUG OC 150D 5.5/4 AW (D)	610	220	955	1030	130	150	450	22	240	8	215.4	284.4
ZUG OC 150D 7.5/4 AW (D)	610	220	1030	1030	130	150	450	22	240	8	247.7	282.7
ZUG OC 150D 9/4 AW (D)	610	220	1125	1125	130	150	450	22	240	8	268.7	301.7

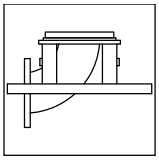
(*) Weight for the DRY version includes cooling fluid

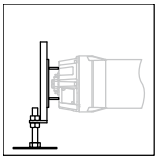
Available accessories

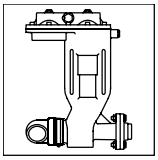

DAC V


DAC H


KBS

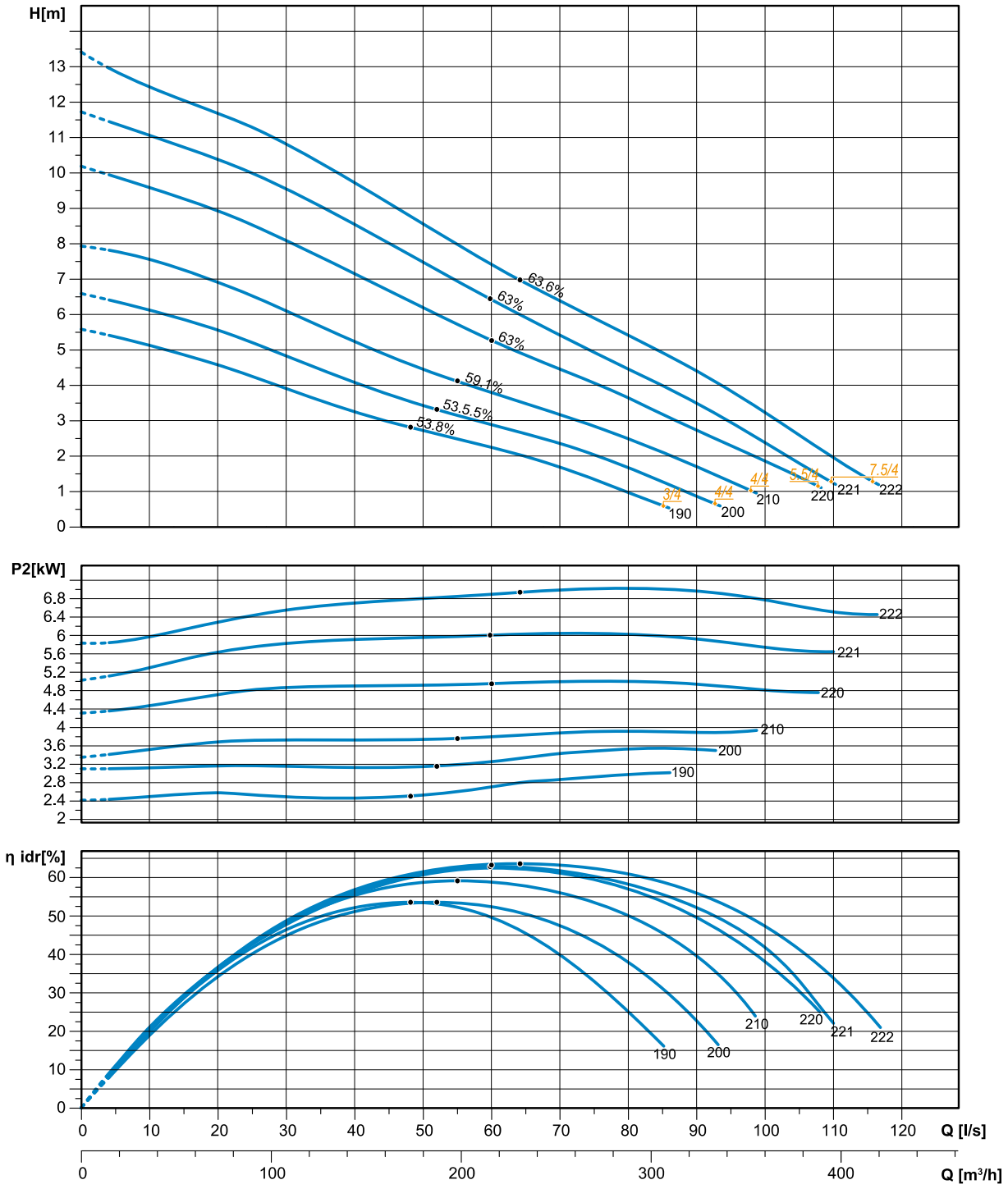

KBC


KBS H


FLX

ZUG OC 150D

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG OC 150F

11 ÷ 37 kW - 4 poles

Hydraulics

Open channel impeller

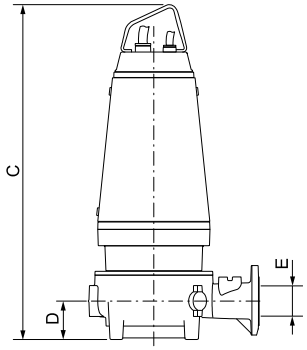
Free passage: 80 mm
Discharge: DN150
Suction: DN200

Motor

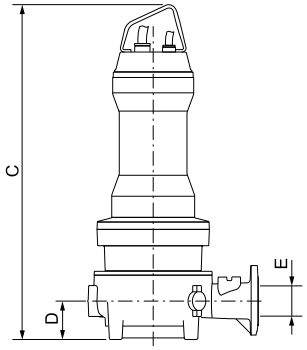
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
11/4 A	400-700/3	Y Δ	21.2	0.82	12	11	91.4	IE3
15/4 A	400-700/3	Y Δ	28.5	0.82	16.3	15	92.2	IE3
18.5/4 A	400-700/3	Y Δ	35.2	0.82	20	18.5	92.6	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

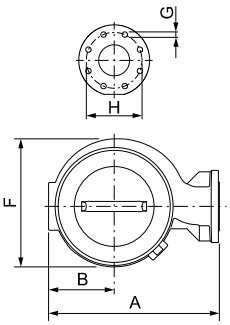
Overall dimensions and weight



DRY



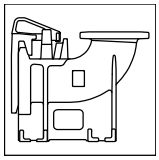
WET

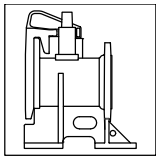


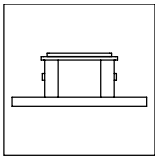
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG OC 150F 11/4 AW (D)	650	255	1235	1235	170	150	505	24	240	8	351.5	398.5
ZUG OC 150F 15/4 AW (D)	650	255	1235	1235	170	150	505	24	240	8	365.2	412.2
ZUG OC 150F 18.5/4 AW (D)	650	255	1415	1415	170	150	505	24	240	8	449.8	502.8

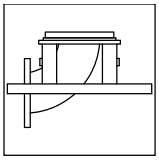
(*) Weight for the DRY version includes cooling fluid

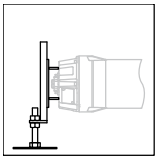
Available accessories

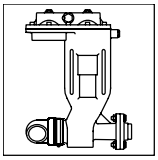

DAC V


DAC H


KBS


KBC

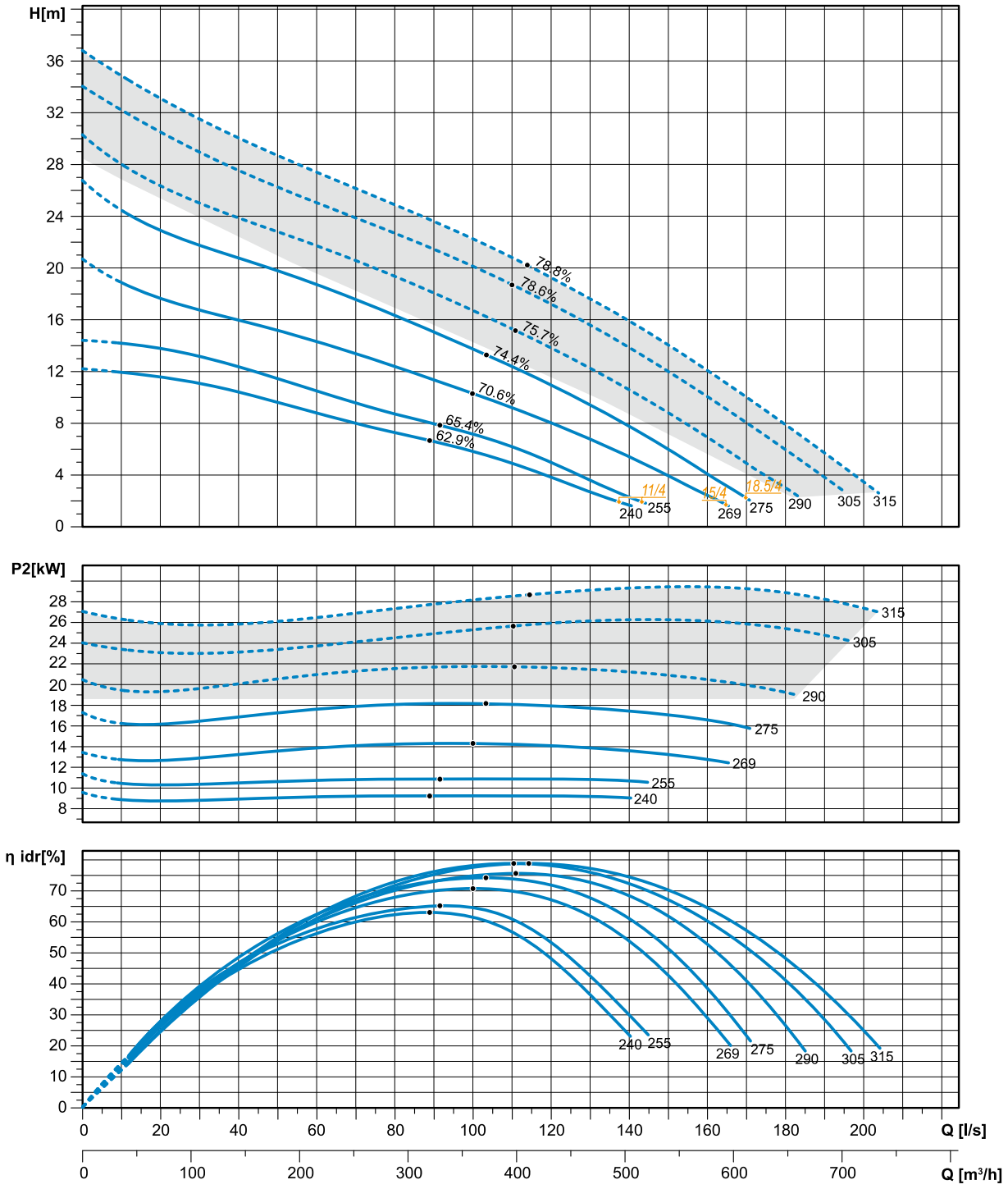

KBS H


FLX

ZUG OC 150F

Performances

Contact Zenit



Characteristic curves according to UNI EN ISO 9906

ZUG OC 150G

11 ÷ 45 kW - 4 poles

Hydraulics

Open channel impeller

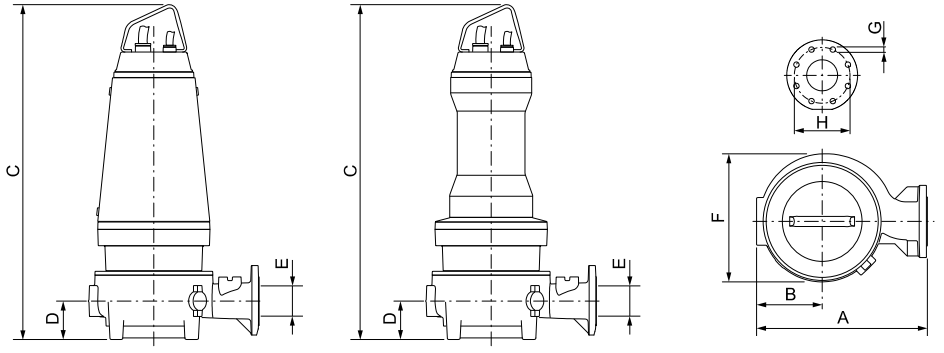
Free passage: 80 mm
Discharge: DN150
Suction: DN150

Motor

Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
11/4 A	400-700/3	Y Δ	21.2	0.82	12	11	91.4	IE3
15/4 A	400-700/3	Y Δ	28.5	0.82	16.3	15	92.2	IE3
18.5/4 A	400-700/3	Y Δ	35.2	0.82	20	18.5	92.6	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

Overall dimensions and weight

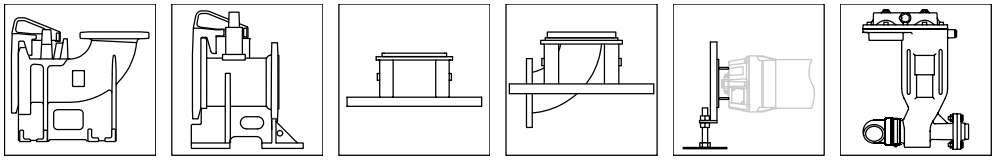


DRY **WET**

	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG OC 150G 11/4 AW (D)	605	240	1190	1190	120	150	570	22	240	8	317.2	364.2
ZUG OC 150G 15/4 AW (D)	605	240	1190	1190	120	150	570	22	240	8	330.9	377.9
ZUG OC 150G 18.5/4 AW (D)	605	240	1370	1370	120	150	570	22	240	8	415.5	468.5

(*) Weight for the DRY version includes cooling fluid

Available accessories

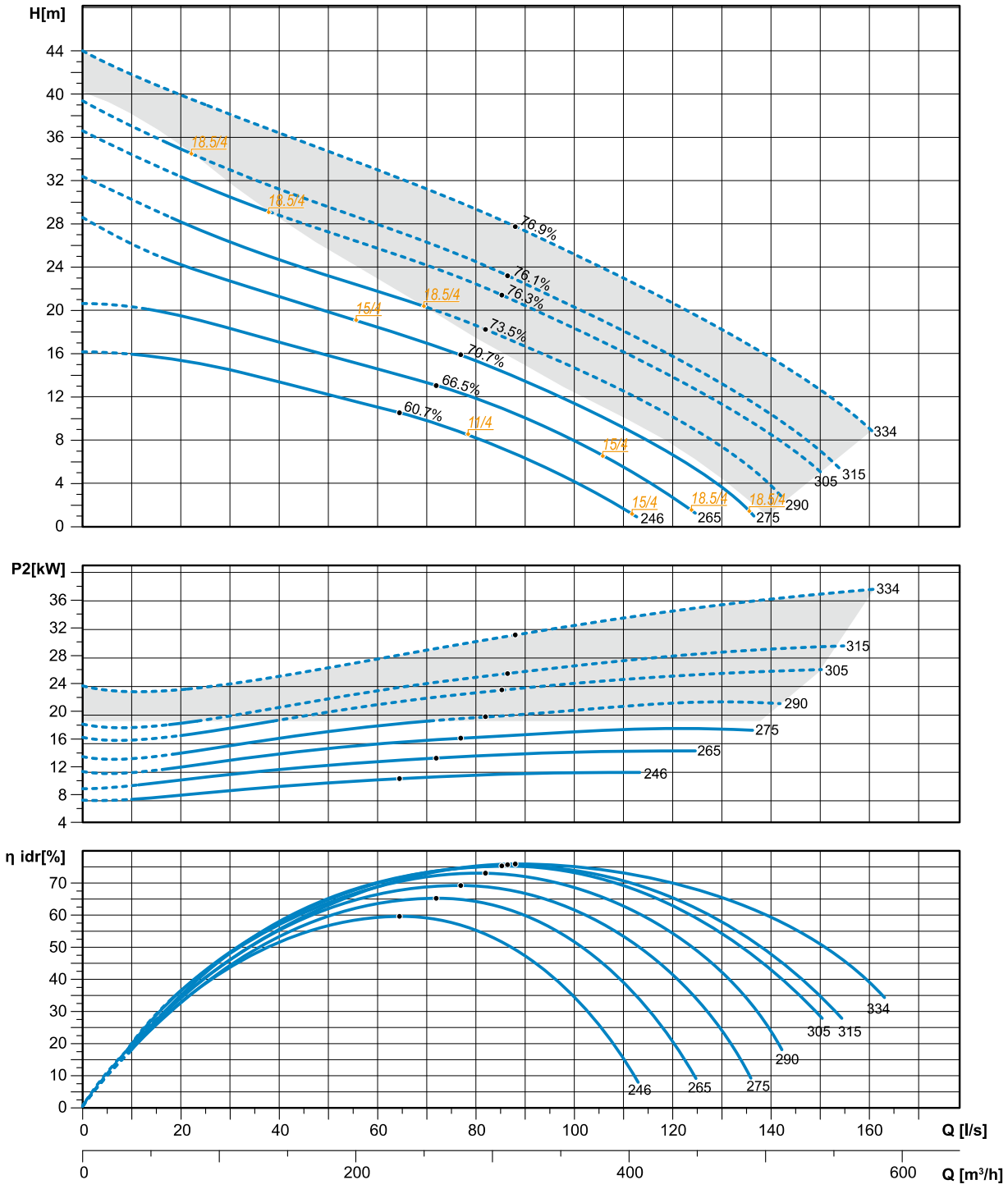


DAC V | DAC H | KBS | KBC | KBS H | FLX

ZUG OC 150G

Performances

Contact Zenit



Characteristic curves according to UNI EN ISO 9906

ZUG OC 150G

7.5 ÷ 11 kW - 6 poles

Hydraulics

Open channel impeller

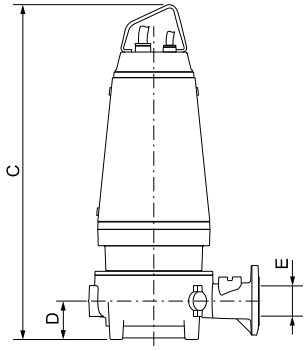
Free passage: 80 mm
Discharge: DN150
Suction: DN150

Motor

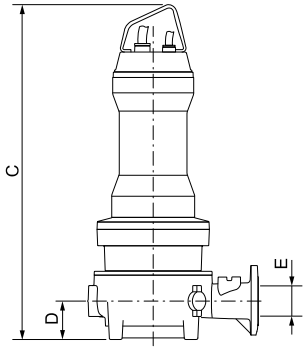
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7.5/6 A	400-700/3	Y Δ	16.2	0.75	8.4	7.5	89.1	IE3
9/6 A	400-700/3	Y Δ	19.8	0.73	10	9	89.7	IE3
11/6 A	400-700/3	Y Δ	22.7	0.77	12.2	11	90.3	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

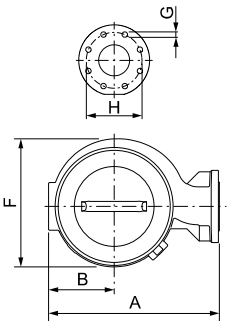
Overall dimensions and weight



DRY



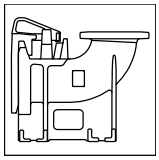
WET

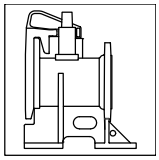


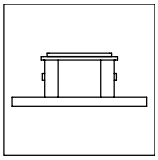
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG OC 150G 7.5/6 AW (D)	605	240	1190	1190	120	150	570	22	240	8	284.7	331.7
ZUG OC 150G 9/6 AW (D)	605	240	1190	1190	120	150	570	22	240	8	292.4	339.4
ZUG OC 150G 11/6 AW (D)	605	240	1190	1190	120	150	570	22	240	8	302.7	349.7

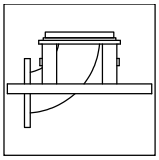
(*) Weight for the DRY version includes cooling fluid

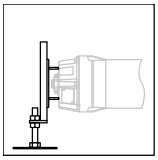
Available accessories

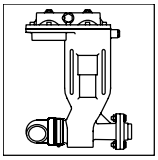

DAC V


DAC H


KBS

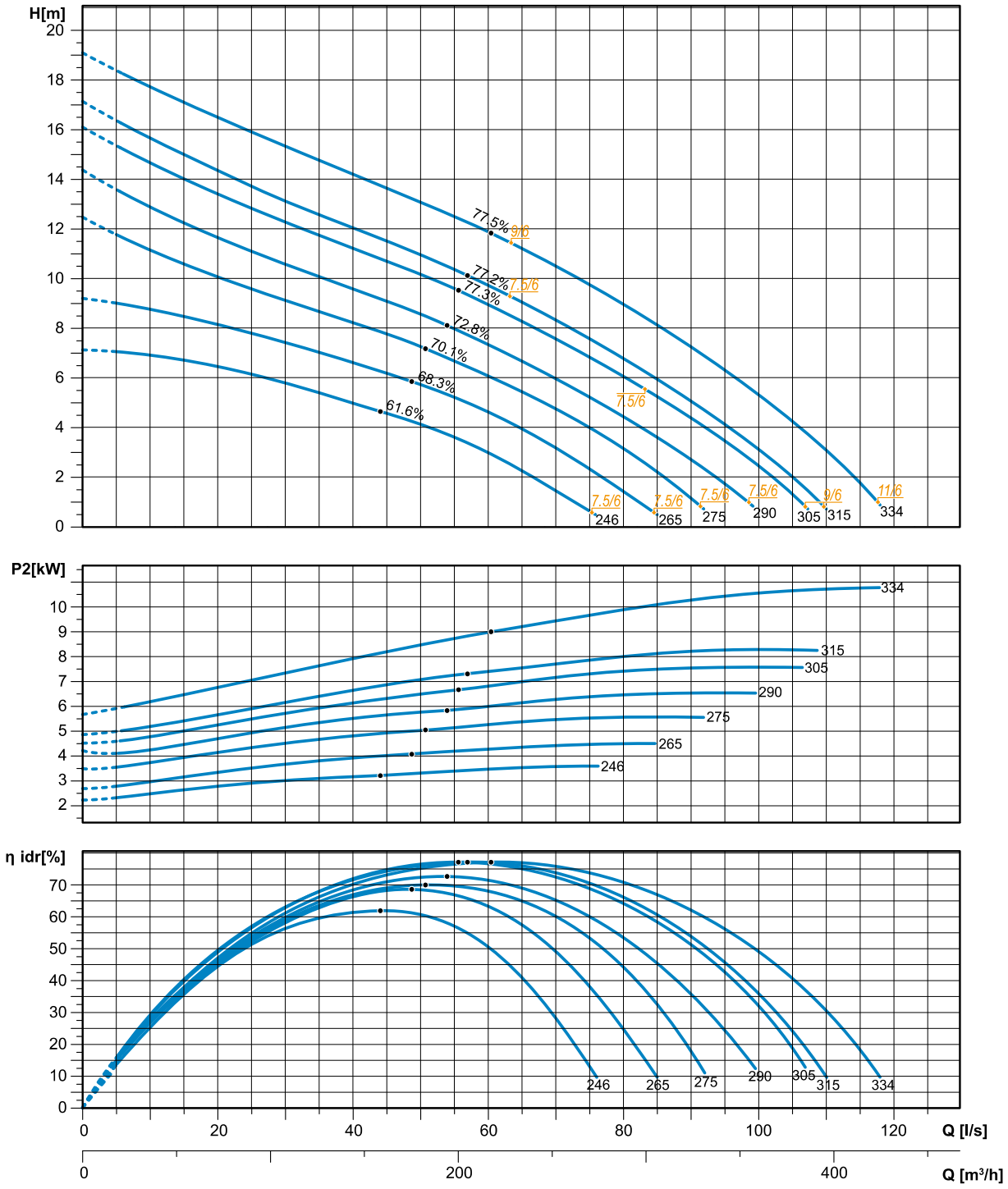

KBC


KBS H


FLX

ZUG OC 150G

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG OC 150N

4 ÷ 11 kW - 4 poles

Hydraulics

Open channel impeller

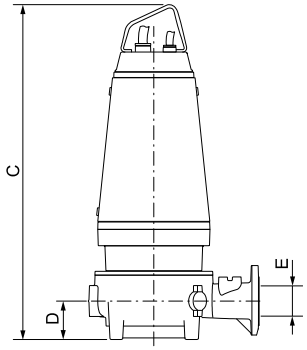
Free passage: 65 x 60 mm
Discharge: DN150
Suction: DN150

Motor

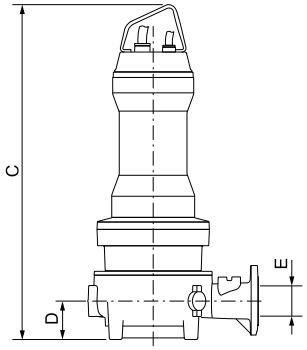
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
4/4 A	400-700/3	Y Δ	8.4	0.77	4.5	4.0	88.7	IE3
5.5/4 A	400-700/3	Y Δ	11.7	0.76	6.1	5.5	89.6	IE3
7.5/4 A	400-700/3	Y Δ	14.5	0.83	8.3	7.5	90.4	IE3
9/4 A	400-700/3	Y Δ	18.3	0.78	9.9	9.0	90.8	IE3
11/4 A	400-700/3	Y Δ	21.3	0.81	12.0	11.0	91.4	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

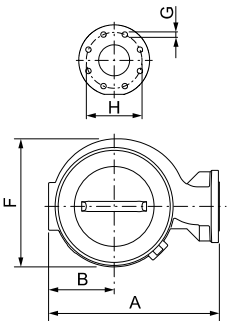
Overall dimensions and weight



DRY



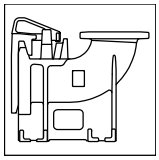
WET

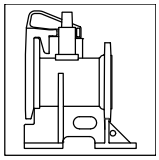


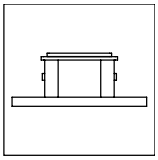
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG OC 150N 4/4 AW (D)	612	222	955	1032	130	150	448	22	240	8	197.0	282.0
ZUG OC 150N 5.5/4 AW (D)	612	222	955	1032	130	150	448	22	240	8	200.0	286.0
ZUG OC 150N 7.5/4 AW (D)	612	222	1032	1032	130	150	448	22	240	8	249.0	284.3
ZUG OC 150N 9/4 AW (D)	612	222	1122	1122	130	150	448	22	240	8	270.3	303.3
ZUG OC 150N 11/4 AW (D)	612	222	1175	1175	130	150	448	22	240	8	321.5	368.5

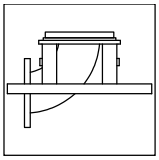
(*) Weight for the DRY version includes cooling fluid

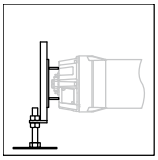
Available accessories

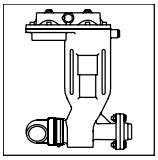

DAC V


DAC H


KBS

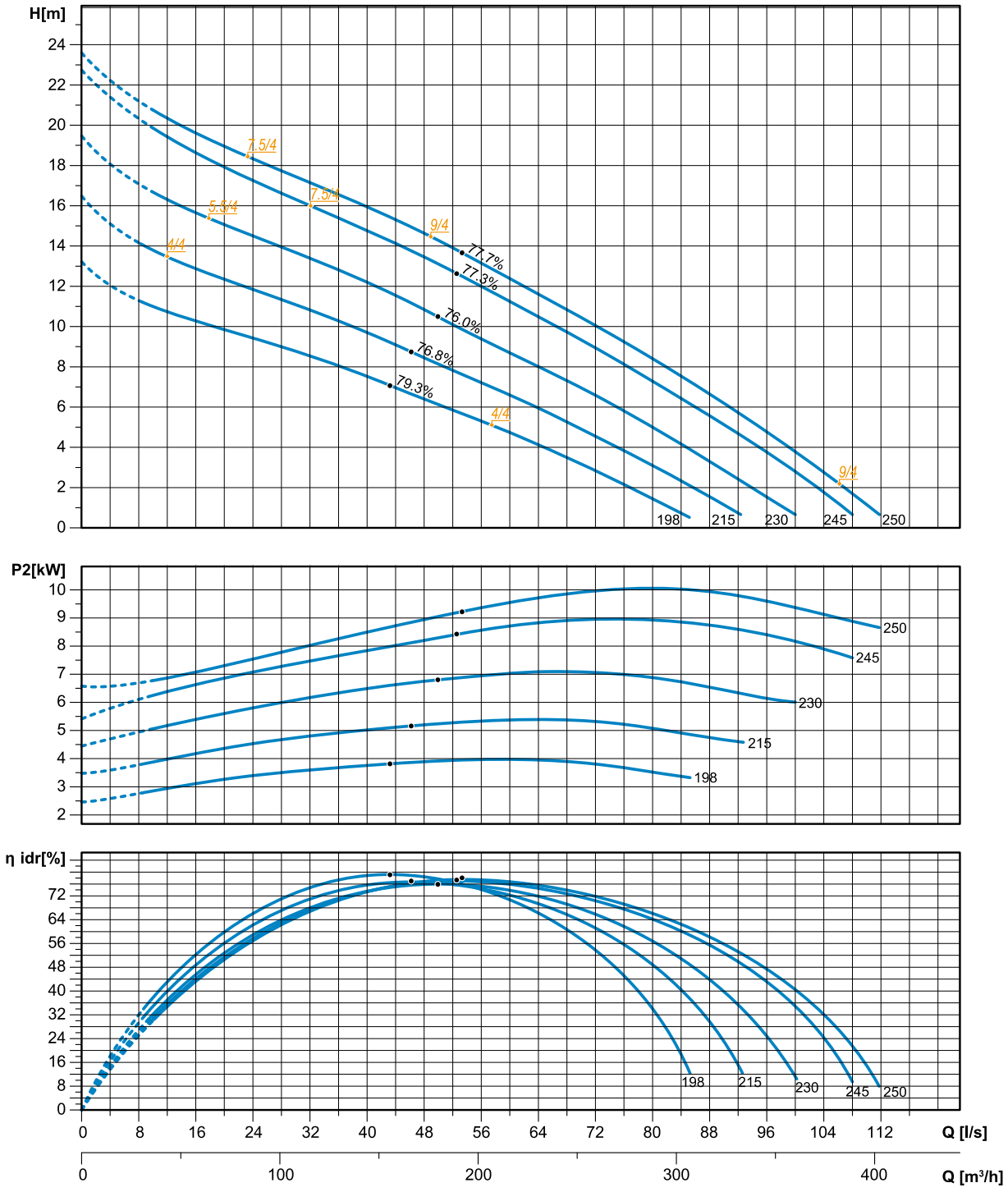

KBC


KBS H


FLX

ZUG OC 150N

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG OC 200A

7.5 ÷ 13 kW - 6 poles

Hydraulics

Open channel impeller

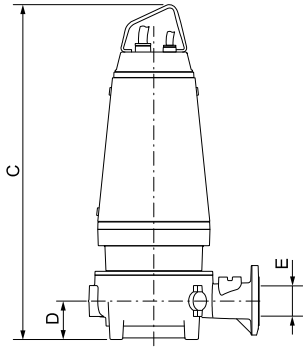
Free passage: 100x70 mm
Discharge: DN200
Suction: DN250

Motor

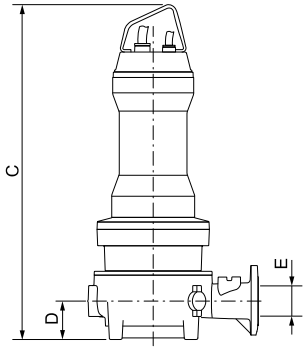
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7.5/6 A	400-700/3	Y Δ	16.2	0.75	8.4	7.5	89.1	IE3
9/6 A	400-700/3	Y Δ	19.8	0.73	10	9	89.7	IE3
11/6 A	400-700/3	Y Δ	22.7	0.77	12.2	11	90.3	IE3
13/6 H	400-700/3	Y Δ	25.9	0.81	14.6	13	89.2	IE2

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

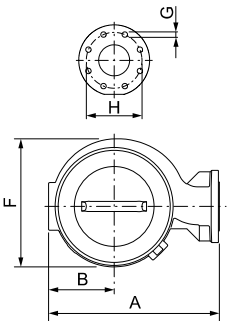
Overall dimensions and weight



DRY



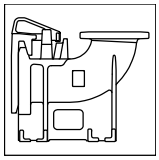
WET

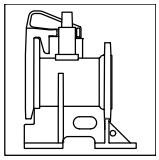


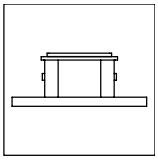
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG OC 200A 7.5/6 AW (D)	692	273	1265	1265	203	200	539	22	295	8	356.8	403.8
ZUG OC 200A 9/6 AW (D)	692	273	1265	1265	203	200	539	22	295	8	364.5	411.5
ZUG OC 200A 11/6 AW (D)	692	273	1265	1265	203	200	539	22	295	8	374.8	421.8
ZUG OC 200A 13/6 HW (D)	692	273	1265	1265	203	200	539	22	295	8	374.8	421.8

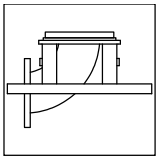
(*) Weight for the DRY version includes cooling fluid

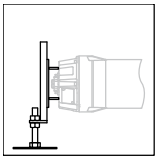
Available accessories

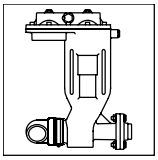

DAC V


DAC H


KBS

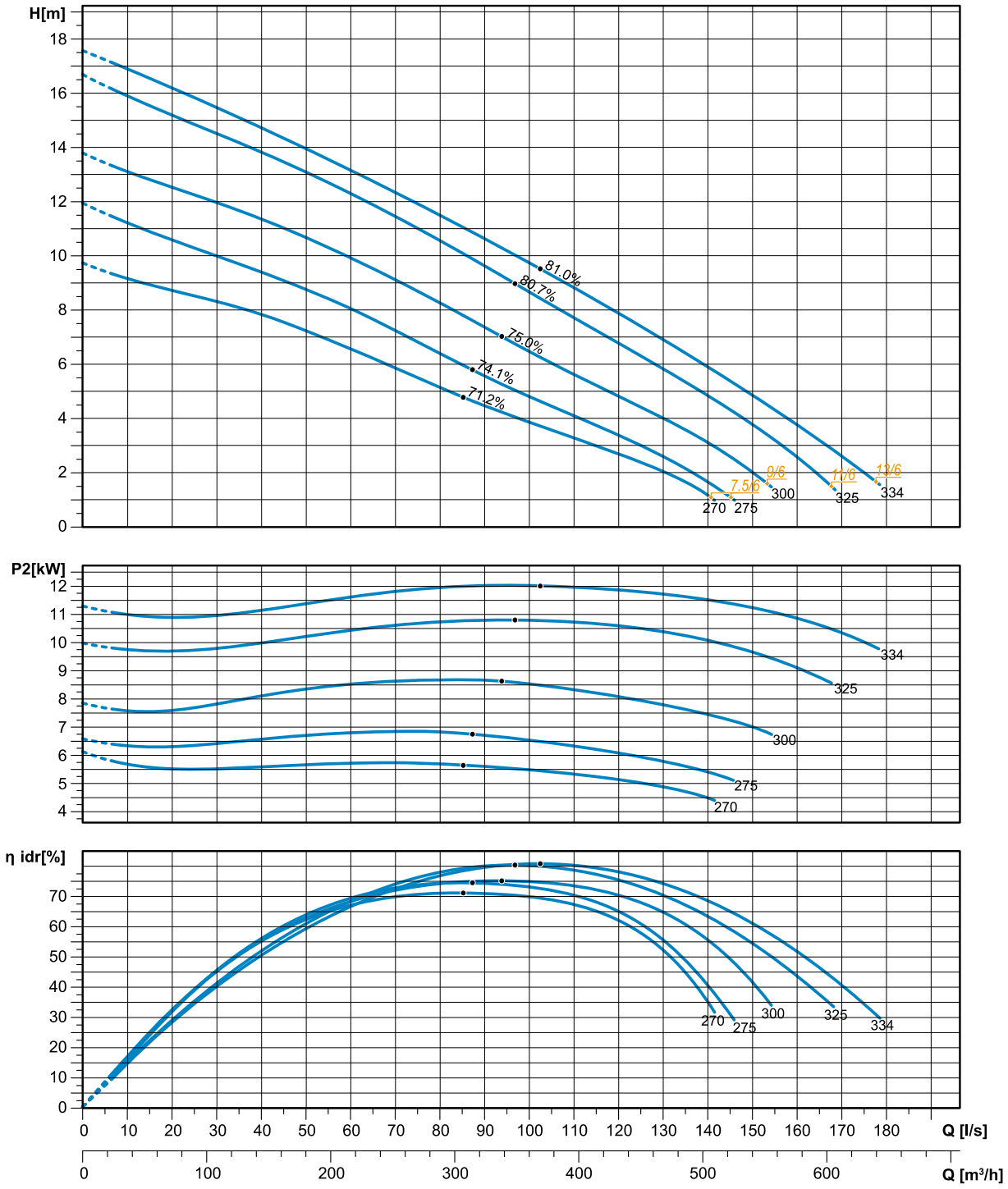

KBC


KBS H


FLX

ZUG OC 200A

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG OC 200B

11 ÷ 37 kW - 4 poles

Hydraulics

Open channel impeller

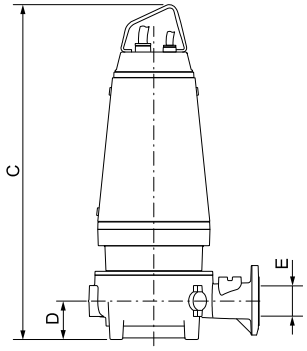
Free passage: 80 mm
Discharge: DN200
Suction: DN200

Motor

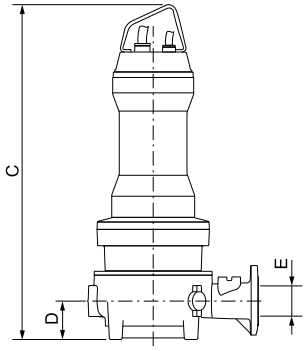
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
11/4 A	400-700/3	Y Δ	21.2	0.82	12	11	91.4	IE3
15/4 A	400-700/3	Y Δ	28.5	0.82	16.3	15	92.2	IE3
18.5/4 A	400-700/3	Y Δ	35.2	0.82	20	18.5	92.6	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

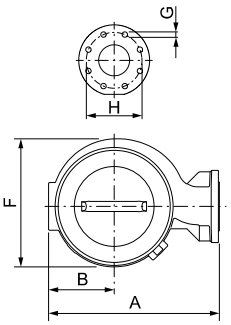
Overall dimensions and weight



DRY



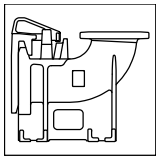
WET

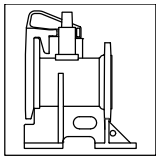


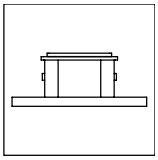
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG OC 200B 11/4 AW (D)	692	273	1233	1233	172	200	540	22	295	8	352.1	399.1
ZUG OC 200B 15/4 AW (D)	692	273	1233	1233	172	200	540	22	295	8	365.8	412.8
ZUG OC 200B 18.5/4 AW (D)	692	273	1416	1416	172	200	540	22	295	8	450.4	503.4

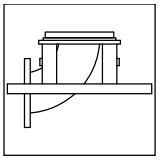
(*) Weight for the DRY version includes cooling fluid

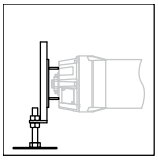
Available accessories

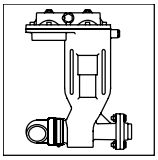

DAC V


DAC H


KBS


KBC

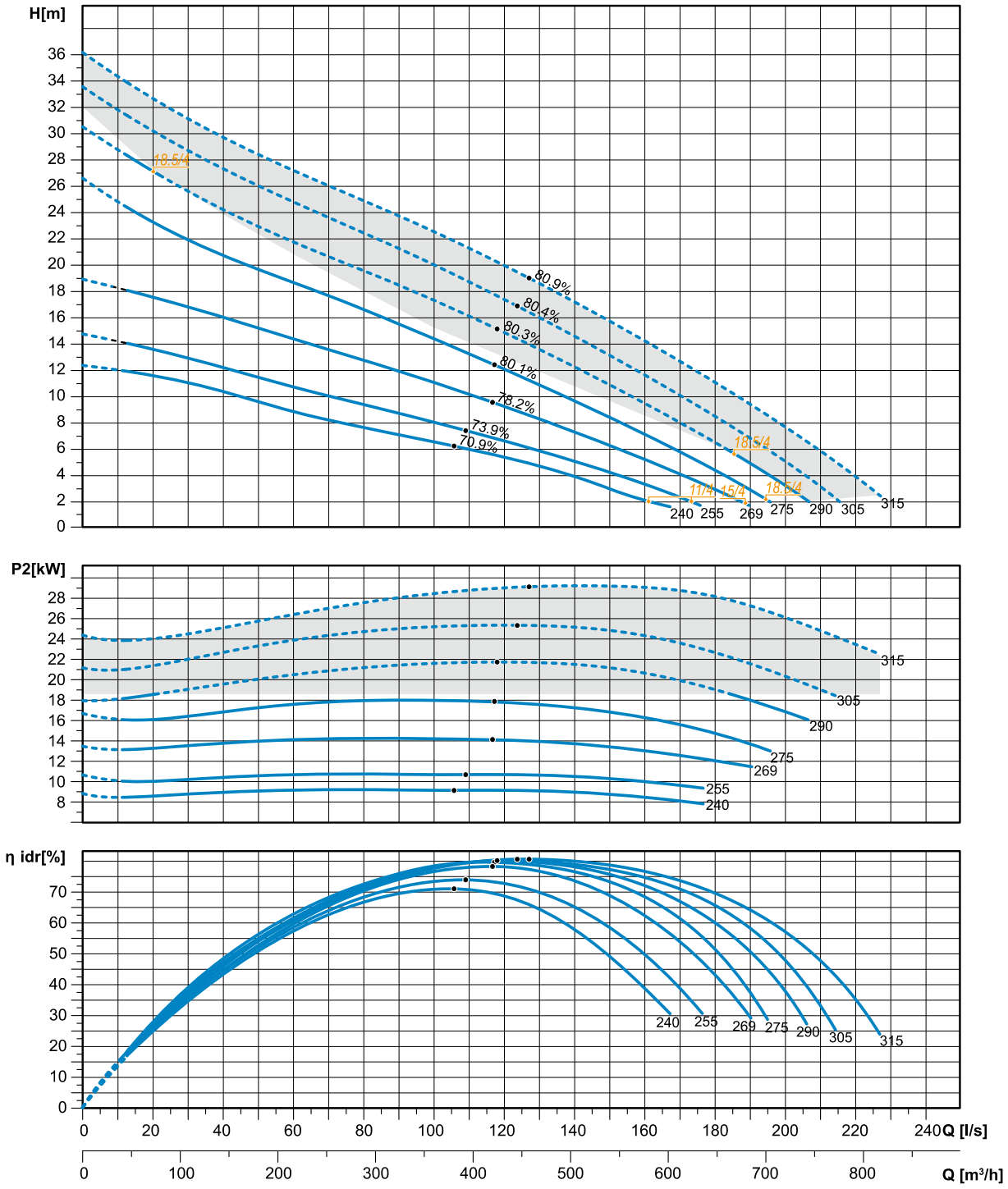

KBS H


FLX

ZUG OC 200B

Performances

Contact Zenit



Characteristic curves according to UNI EN ISO 9906

ZUG OC 200B

7.5 ÷ 9 kW - 6 poles

Hydraulics

Open channel impeller

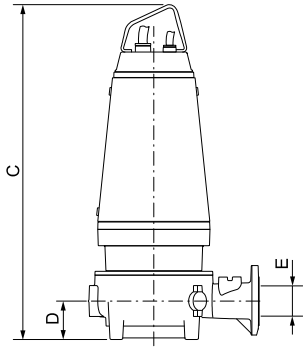
Free passage: 80 mm
Discharge: DN200
Suction: DN200

Motor

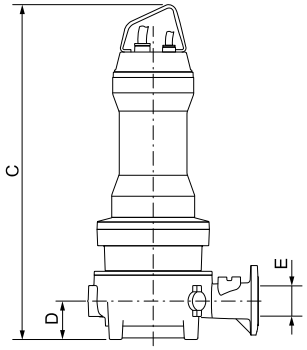
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7.5/6 A	400-700/3	Y Δ	16.2	075	8.4	7.5	89.1	IE3
9/6 A	400-700/3	Y Δ	19.8	0.73	10	9	89.7	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

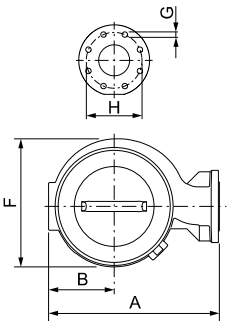
Overall dimensions and weight



DRY



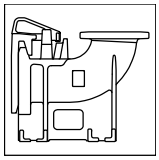
WET

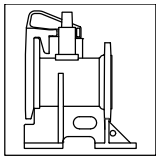


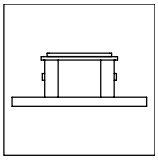
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG OC 200B 7.5/6 AW (D)	692	273	1233	1233	172	200	540	22	295	8	319.6	366.6
ZUG OC 200B 9/6 AW (D)	692	273	1233	1233	172	200	540	22	295	8	327.3	374.3

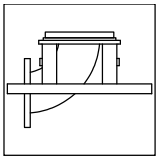
(*) Weight for the DRY version includes cooling fluid

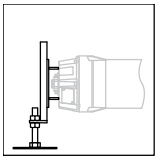
Available accessories

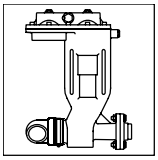

DAC V


DAC H


KBS

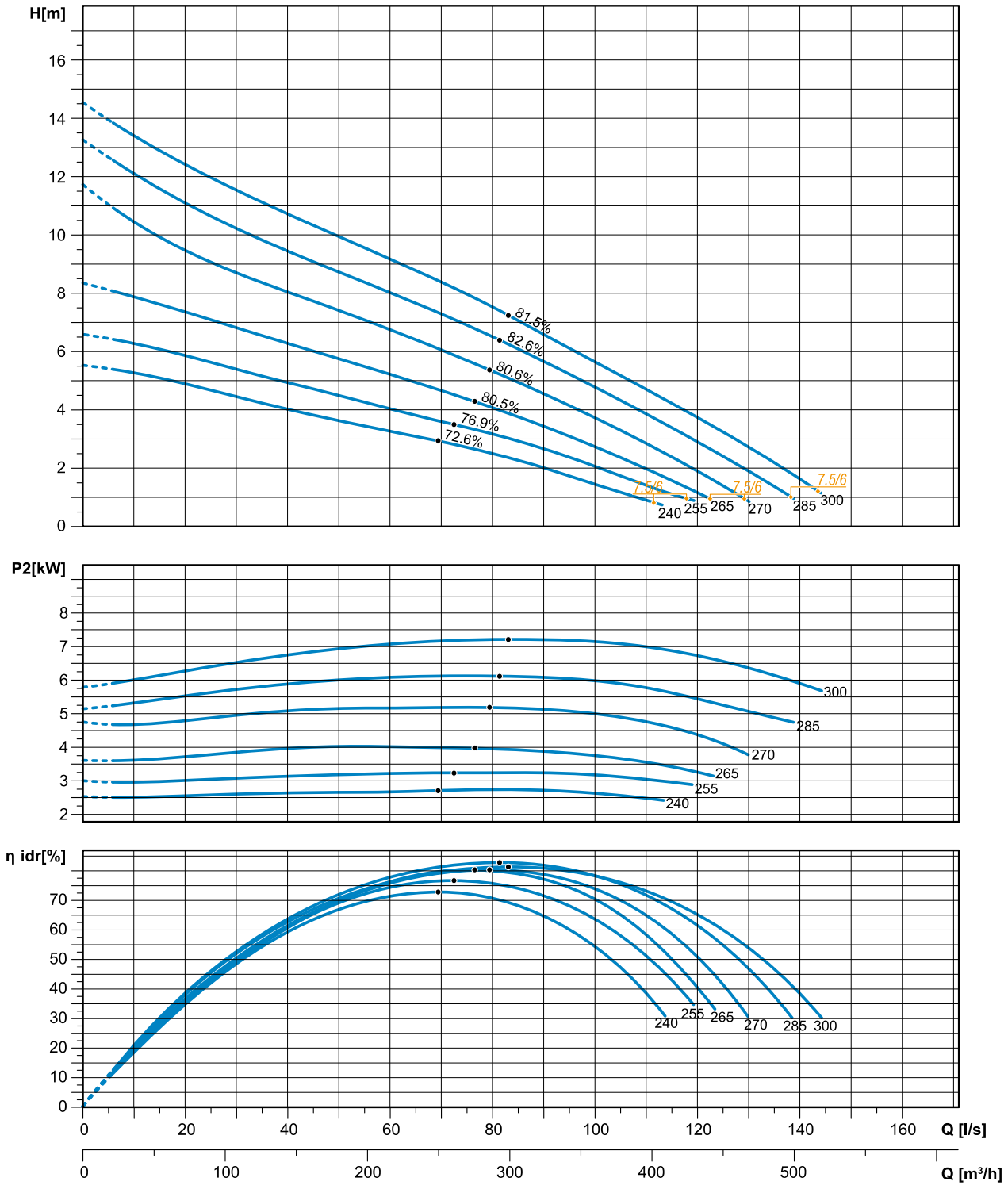

KBC


KBS H


FLX

ZUG OC 200B

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG OC 250C

7.5 ÷ 13 kW - 6 poles

Hydraulics

Open channel impeller

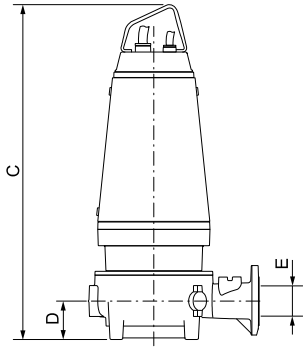
Free passage: 100x70 mm
Discharge: DN250
Suction: DN250

Motor

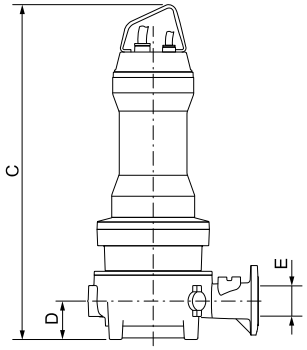
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7.5/6 A	400-700/3	Y Δ	16.2	0.75	8.4	7.5	89.1	IE3
9/6 A	400-700/3	Y Δ	19.8	0.73	10	9	89.7	IE3
11/6 A	400-700/3	Y Δ	22.7	0.77	12.2	11	90.3	IE3
13/6 H	400-700/3	Y Δ	25.9	0.81	14.6	13	89.2	IE2

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

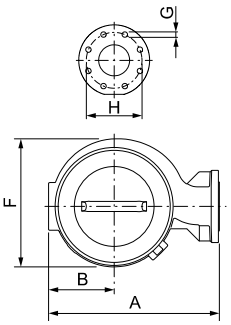
Overall dimensions and weight



DRY



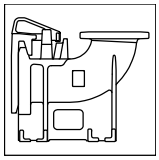
WET

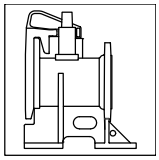


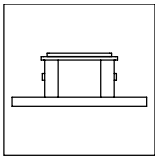
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG OC 250C 7.5/6 AW (D)	810	335	1265	1265	205	250	610	22	350	12	382.3	429.3
ZUG OC 250C 9/6 AW (D)	810	335	1265	1265	205	250	610	22	350	12	390	437
ZUG OC 250C 11/6 AW (D)	810	335	1265	1265	205	250	610	22	350	12	400.3	447.3
ZUG OC 250C 13/6 HW (D)	810	335	1265	1265	205	250	610	22	350	12	400.3	447.3

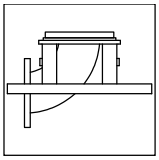
(*) Weight for the DRY version includes cooling fluid

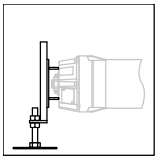
Available accessories

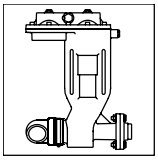

DAC V


DAC H


KBS

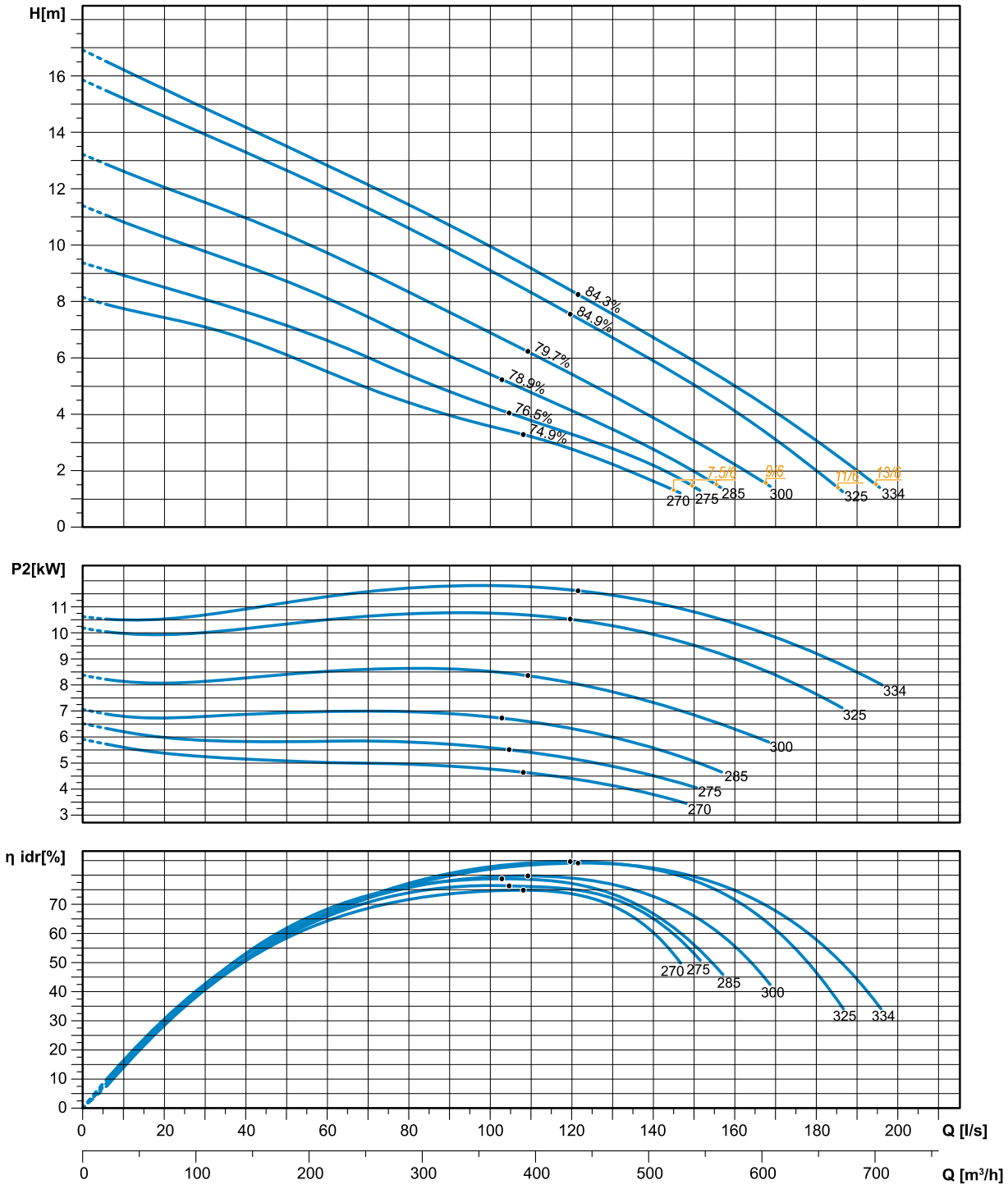

KBC


KBS H


FLX

ZUG OC 250C

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG OC 250H

11 ÷ 37 kW - 4 poles

Hydraulics

Open channel impeller

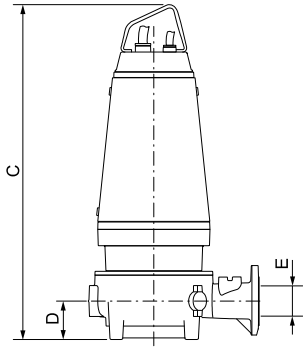
Free passage: 80 mm
Discharge: DN250
Suction: DN200

Motor

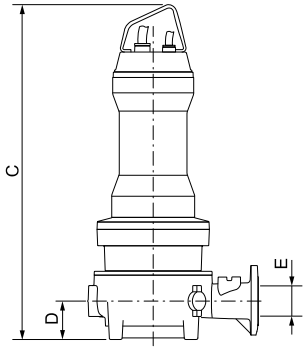
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
11/4 A	400-700/3	Y Δ	21.2	0.82	12	11	91.4	IE3
15/4 A	400-700/3	Y Δ	28.5	0.82	16.3	15	92.2	IE3
18.5/4 A	400-700/3	Y Δ	35.2	0.82	20	18.5	92.6	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

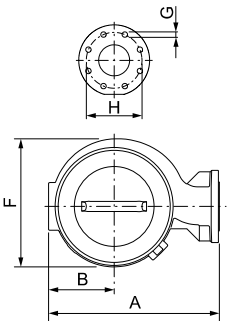
Overall dimensions and weight



DRY



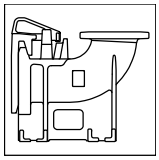
WET

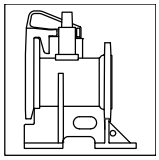


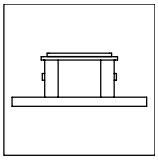
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG OC 250H 11/4 AW (D)	810	335	1265	1265	205	250	610	22	350	12	382.6	429.6
ZUG OC 250H 15/4 AW (D)	810	335	1265	1265	205	250	610	22	350	12	396.3	443.3
ZUG OC 250H 18.5/4 AW (D)	810	335	1445	1445	205	250	610	22	350	12	480.9	533.9

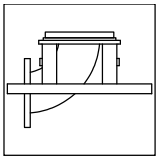
(*) Weight for the DRY version includes cooling fluid

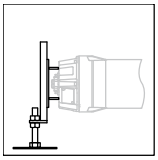
Available accessories

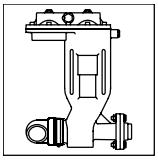

DAC V


DAC H


KBS


KBC

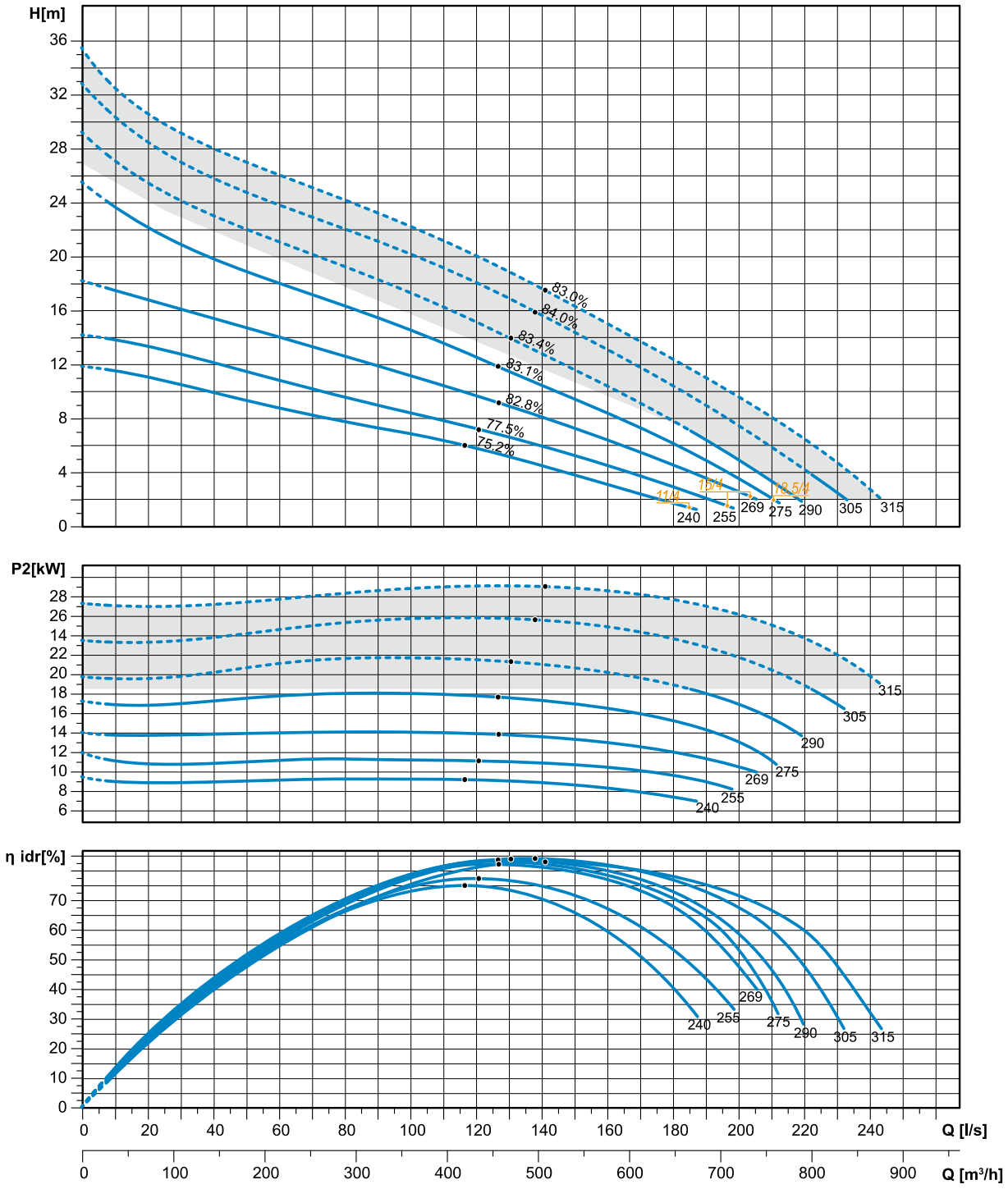

KBS H


FLX

ZUG OC 250H

Performances

Contact Zenit



Characteristic curves according to UNI EN ISO 9906

ZUG OC 250H

7.5 ÷ 11 kW - 6 poles

Hydraulics

Open channel impeller

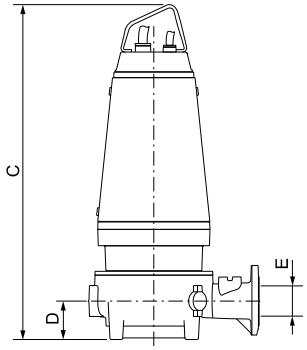
Free passage: 80 mm
Discharge: DN250
Suction: DN200

Motor

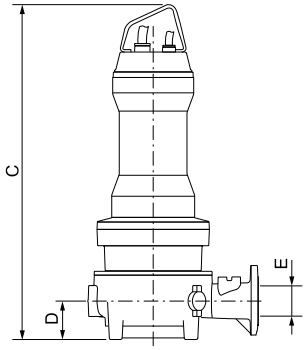
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7.5/6 A	400-700/3	Y Δ	16.2	0.75	8.4	7.5	89.1	IE3
9/6 A	400-700/3	Y Δ	19.8	0.73	10	9	89.7	IE3
11/6 A	400-700/3	Y Δ	22.7	0.77	12.2	11	90.3	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

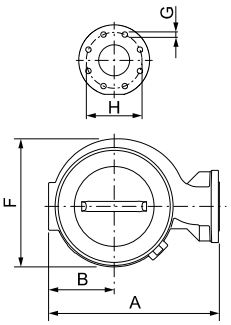
Overall dimensions and weight



DRY



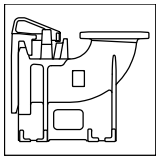
WET

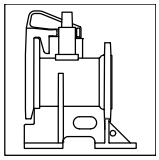


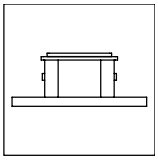
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG OC 250H 7.5/6 AW (D)	810	335	1265	1265	205	250	610	22	350	12	350.1	397.1
ZUG OC 250H 9/6 AW (D)	810	335	1265	1265	205	250	610	22	350	12	357.8	404.8
ZUG OC 250H 11/6 AW (D)	810	335	1265	1265	205	250	610	22	350	12	368.1	415.1

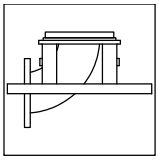
(*) Weight for the DRY version includes cooling fluid

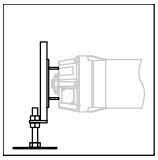
Available accessories

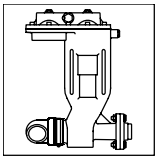

DAC V


DAC H


KBS

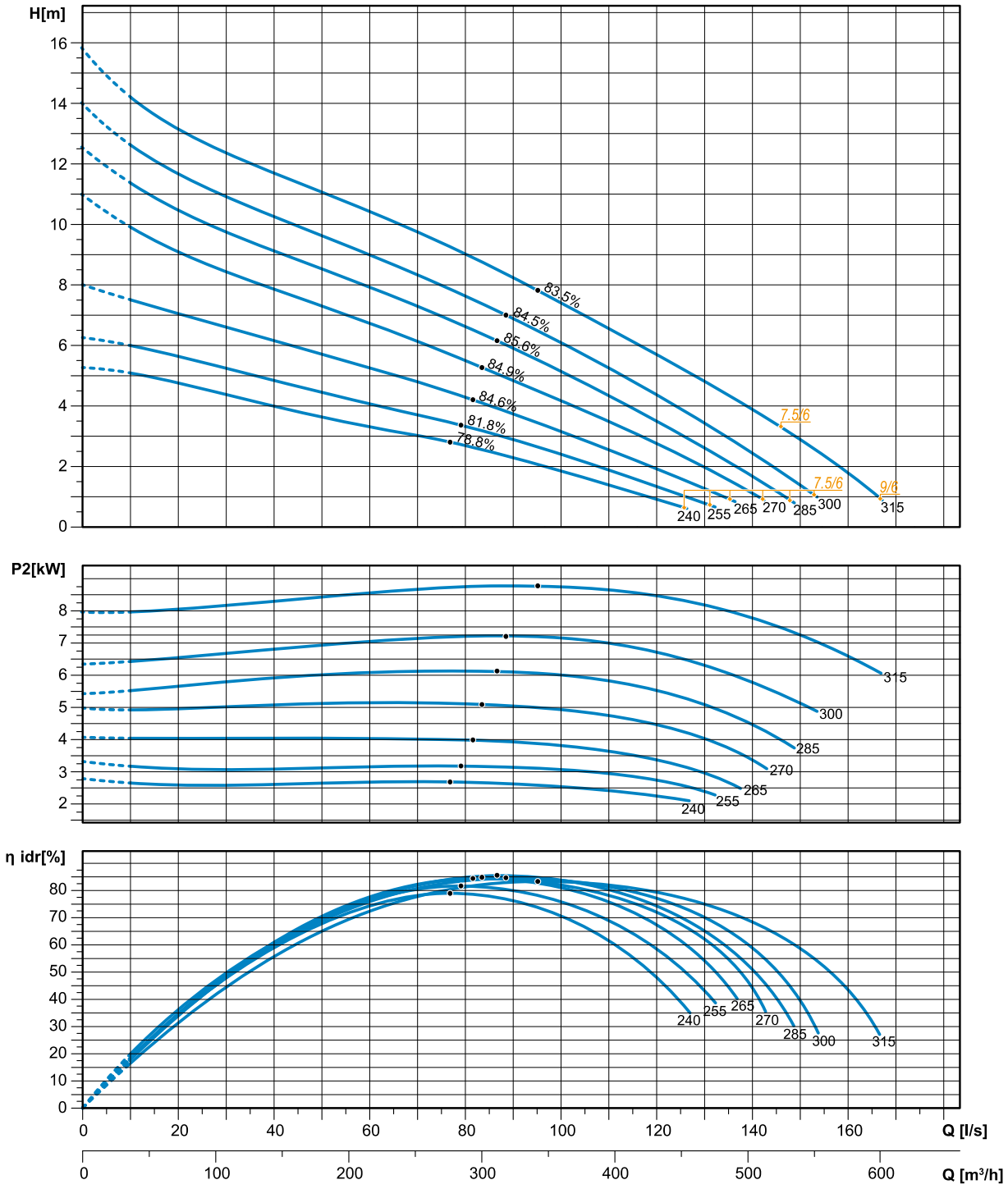

KBC


KBS H


FLX

ZUG OC 250H

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG OC 250K

11 ÷ 15 kW - 6 poles

Hydraulics

Open channel impeller

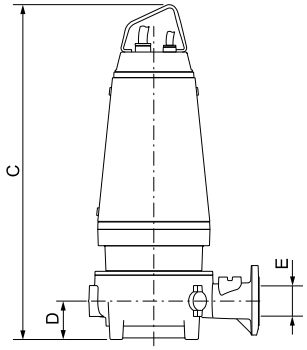
Free passage: 130 mm
Discharge: DN250
Suction: DN250

Motor

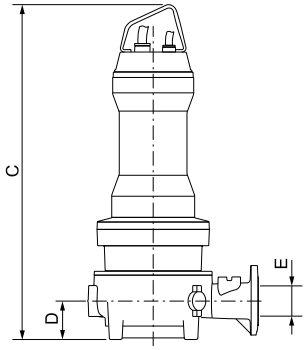
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
11/6 A	400-700/3	Y Δ	22.7	0.78	12.2	11.0	90.2	IE3
13/6 A	400-700/3	Y Δ	25.9	0.81	14.6	13.0	89.2	IE2
15/6 A	400-700/3	Y Δ	29.7	0.80	16.4	15.0	91.2	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

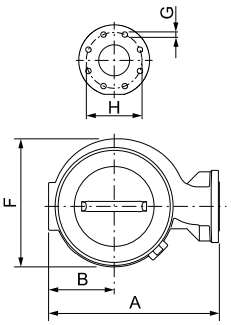
Overall dimensions and weight



DRY



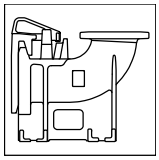
WET

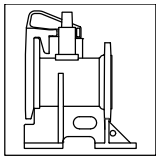


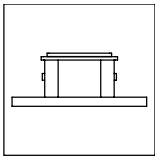
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG OC 250K11/6 AW (D)	808	334	1265	1265	203	250	609	22	350	12	400.3	447.3
ZUG OC 250K13/6 HW (D)	808	334	1265	1265	203	250	609	22	350	12	400.3	447.3
ZUG OC 250K 15/6 AW (D)	808	334	1448	1448	203	250	609	22	350	12	535.3	588.3

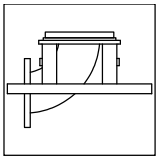
(*) Weight for the DRY version includes cooling fluid

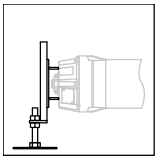
Available accessories

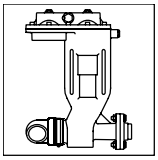

DAC V


DAC H


KBS

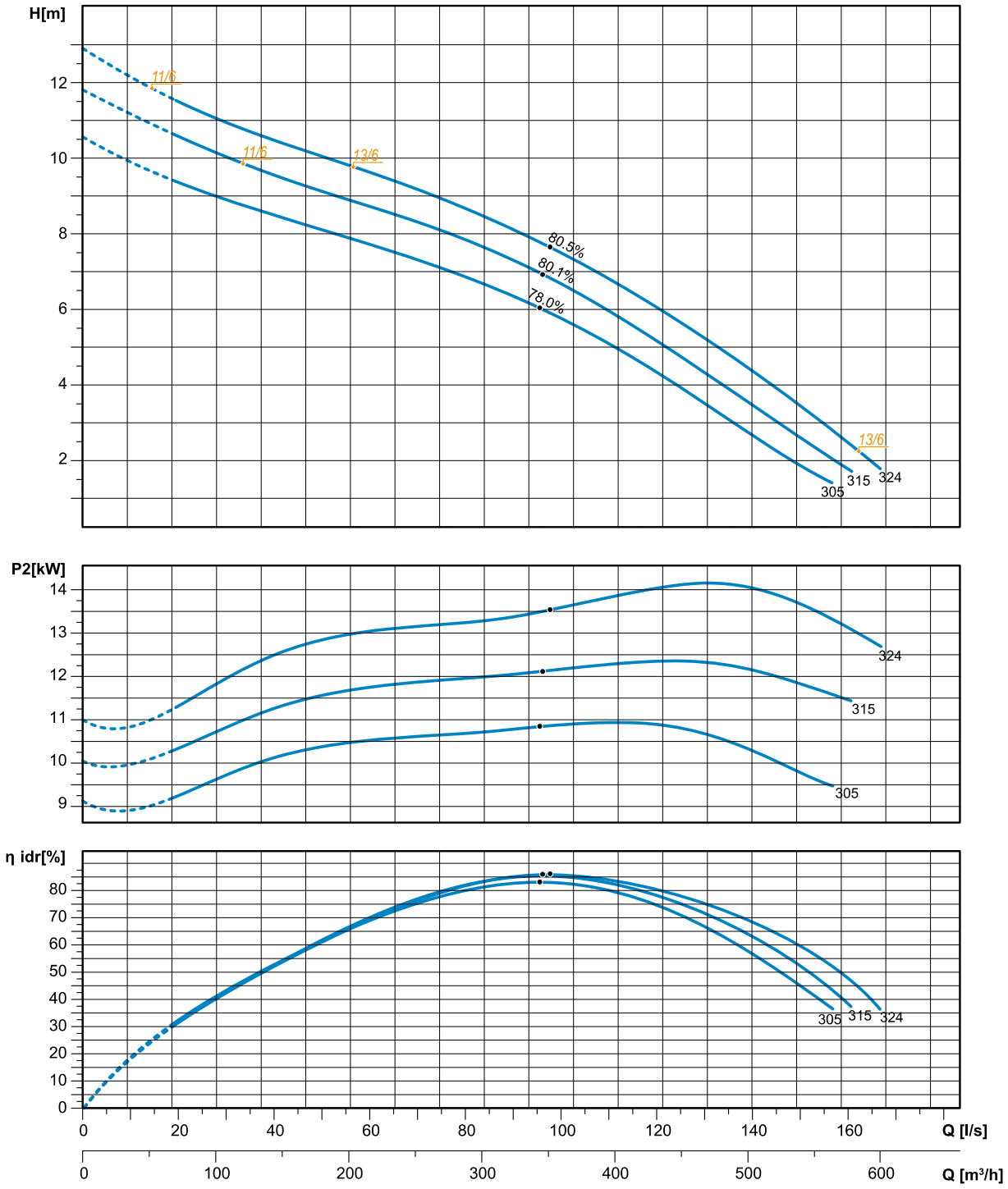

KBC


KBS H


FLX

ZUG OC 250K

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG GR 050A

4 ÷ 9 kW - 2 poles

Hydraulics

Grinder impeller

Free passage: -

Discharge: DN 50 - G2"

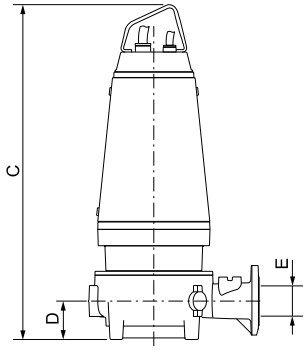
Suction: -

Motor

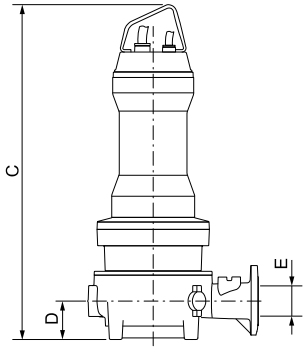
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
4/2 A	400-700/3	Y Δ	7.7	0.85	4.5	4.0	88.4	IE3
5.5/2 A	400-700/3	Y Δ	10.2	0.87	6.2	5.5	89.2	IE3
7.5/2 A	400-700/3	Y Δ	14.1	0.85	8.3	7.5	90.2	IE3
9/2 A	400-700/3	Y Δ	16.5	0.87	9.9	9.0	90.6	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

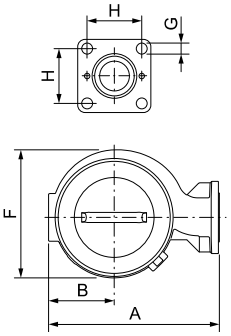
Overall dimensions and weight



DRY



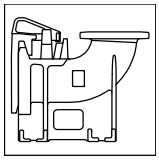
WET

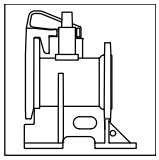


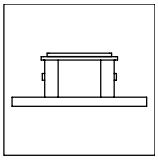
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG GR 050A 4/2 AW (D)	362	142	744	844	59	G 2"	284	18	125	4	108.9	124.9
ZUG GR 050A 5.5/2 AW	362	142	744	-	59	G 2"	284	18	125	4	111.9	-
ZUG GR 050A 7.5/2 AW	362	142	844	-	59	G 2"	284	18	125	4	124.9	-
ZUG GR 050A 9/2 AW	362	142	844	-	59	G 2"	284	18	125	4	128.9	-

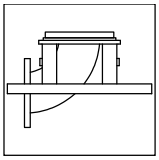
(*) Weight for the DRY version includes cooling fluid

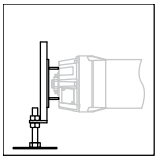
Available accessories

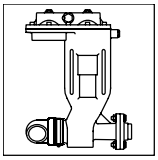

DAC V


DAC H


KBS

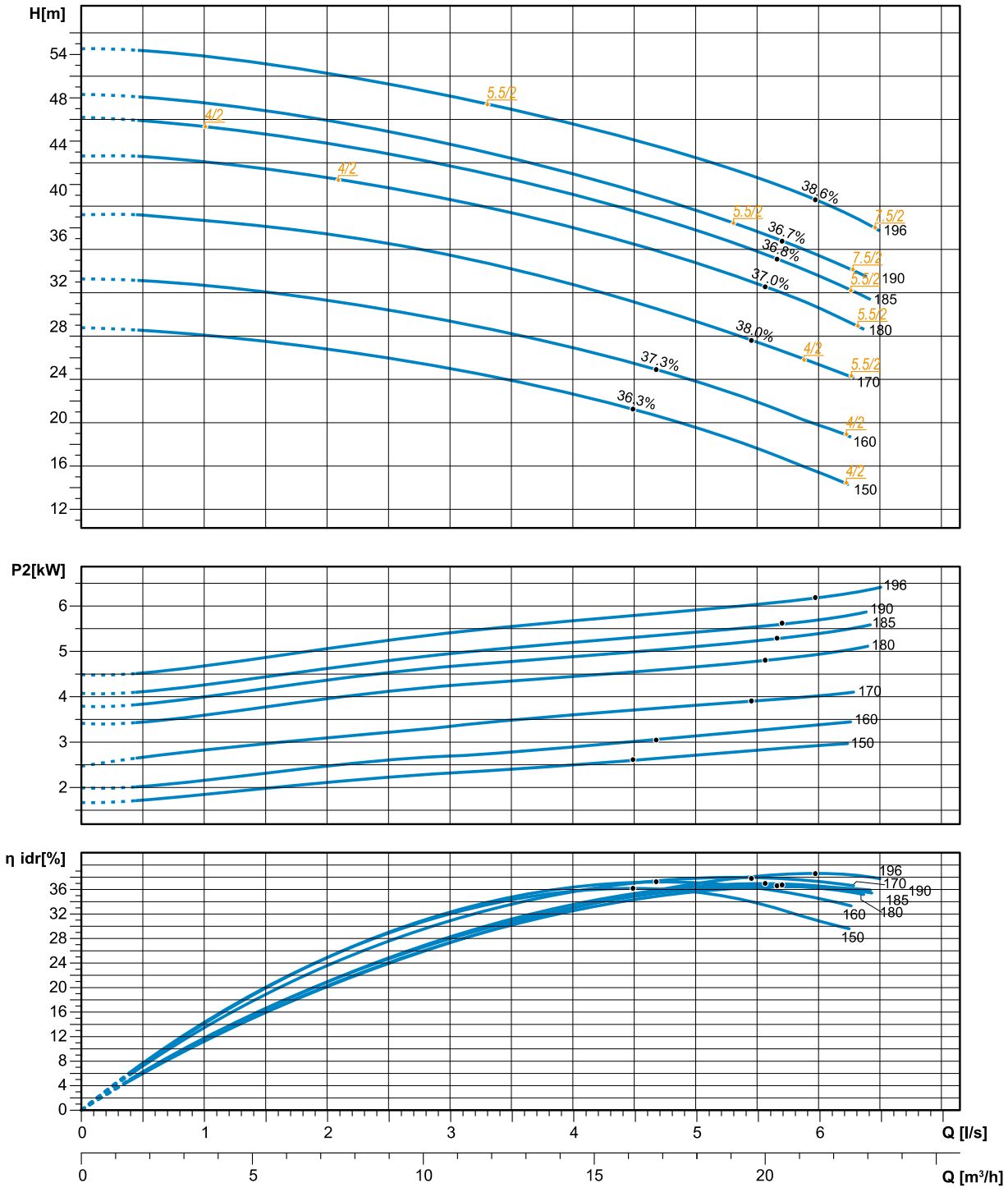

KBC


KBS H


FLX

ZUG GR 050A

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG GR 050B

5.5 ÷ 11 kW - 2

Hydraulics

Grinder impeller

Free passage: -

Discharge: DN 50 - G2"

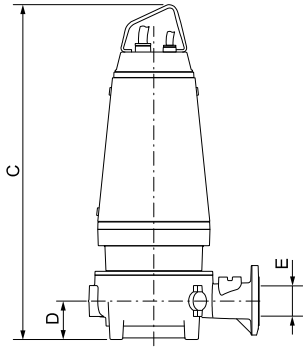
Suction: -

Motor

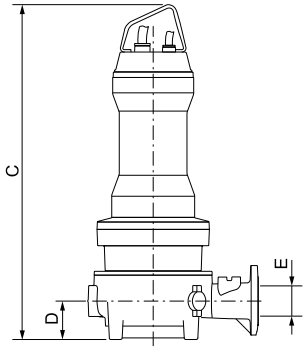
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
5.5/2 A	400-700/3	Y Δ	10.2	0.88	6.2	5.5	89.2	IE3
7.5/2 A	400-700/3	Y Δ	14.1	0.85	8.3	7.5	90.1	IE3
9/2 A	400-700/3	Y Δ	16.6	0.87	9.9	9.0	90.7	IE3
11/2 A	400-700/3	Y Δ	20.0	0.87	12.0	11.0	91.7	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

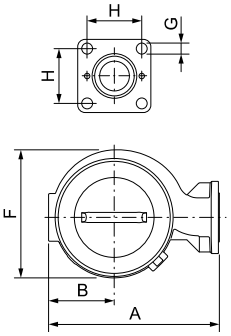
Overall dimensions and weight



DRY



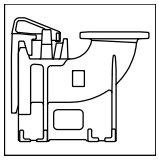
WET

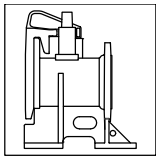


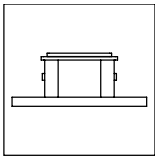
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG GR 050B 5.5/2 AW	403	160	765	-	65	G 2"	320	18	88	4	111.9	-
ZUG GR 050B 7.5/2 AW (D)	403	160	865	940	65	G 2"	320	18	88	4	124.9	208.9
ZUG GR 050B 9/2 AW (D)	403	160	865	940	65	G 2"	320	18	88	4	128.9	212.9
ZUG GR 050B 11/2 AW (D)	403	160	865	940	65	G 2"	320	18	88	4	132.9	215.0

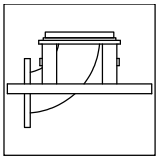
(*) Weight for the DRY version includes cooling fluid

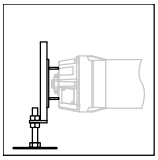
Available accessories

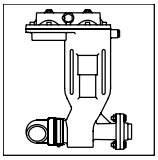

DAC V


DAC H


KBS

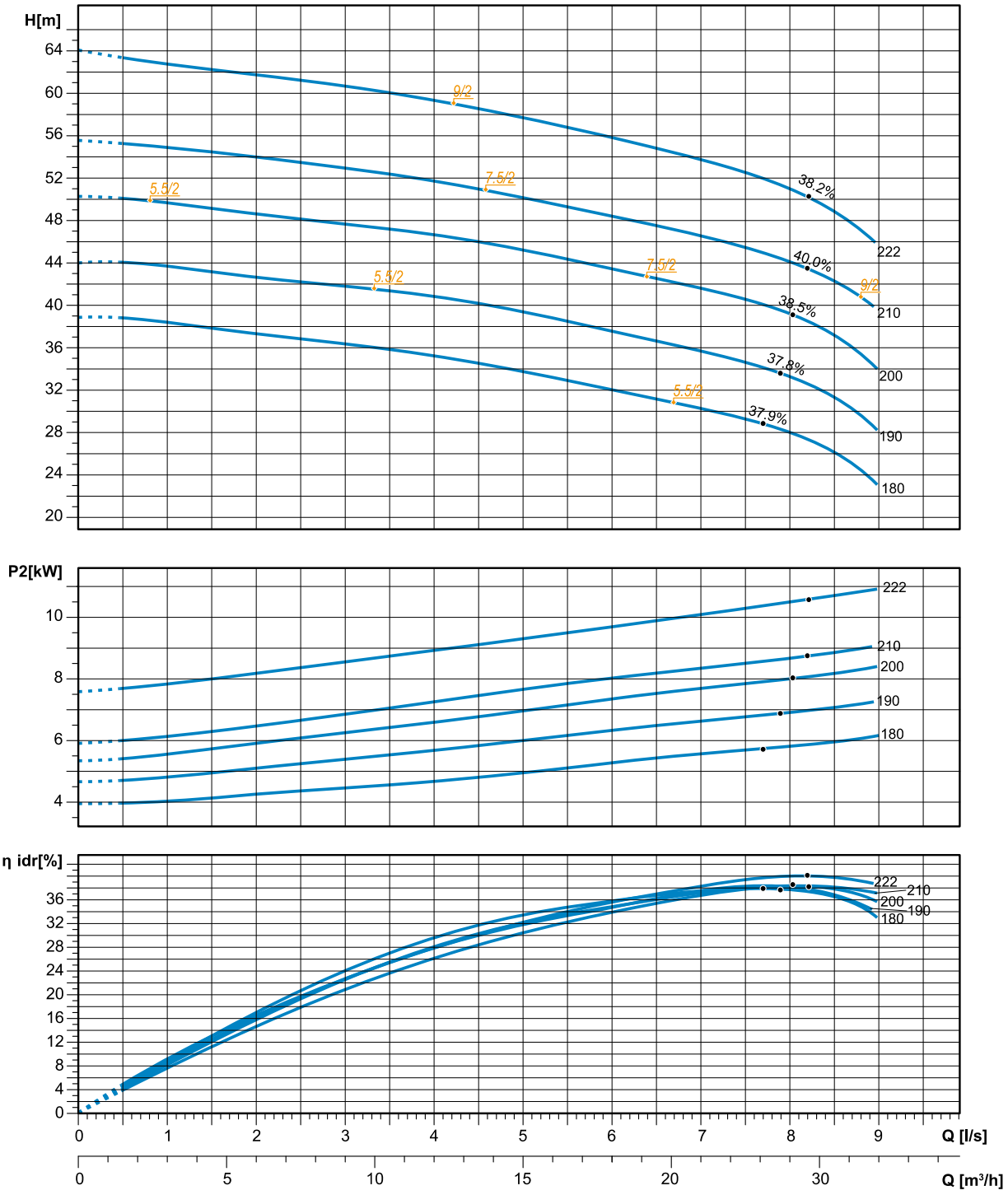

KBC


KBS H


FLX

ZUG GR 050B

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG HP 050A

4 ÷ 9 kW - 2 poles

Hydraulics

High head impeller

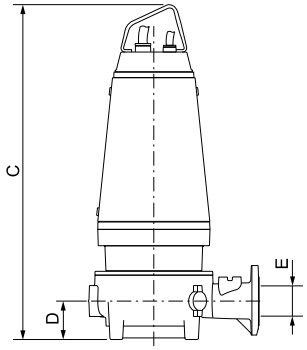
Free passage: 7.5 mm
Discharge: DN 50 - G2"
Suction: DN 65

Motor

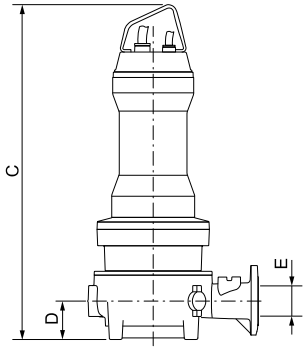
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
4/2 A	400-700/3	Y Δ	7.7	0.85	4.5	4.0	88.4	IE3
5.5/2 A	400-700/3	Y Δ	10.2	0.87	6.2	5.5	89.2	IE3
7.5/2 A	400-700/3	Y Δ	14.1	0.85	8.3	7.5	90.2	IE3
9/2 A	400-700/3	Y Δ	16.5	0.87	9.9	9.0	90.6	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

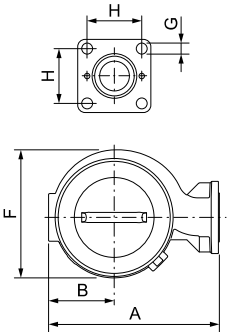
Overall dimensions and weight



DRY



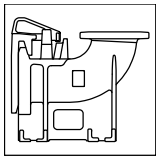
WET

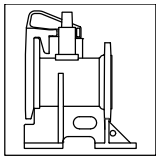


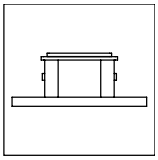
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG HP 050A 4/2 AW (D)	360	142.5	760	860	77	G 2"	285	18	88	4	113.4	129.4
ZUG HP 050A 5.5/2 AW	360	142.5	760	-	77	G 2"	285	18	88	4	116.4	-
ZUG HP 050A 7.5/2 AW	360	142.5	860	-	77	G 2"	285	18	88	4	129.4	-
ZUG HP 050A 9/2 AW	360	142.5	860	-	77	G 2"	285	18	88	4	133.4	-

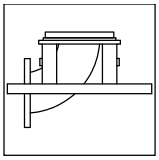
(*) Weight for the DRY version includes cooling fluid

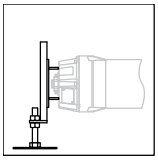
Available accessories

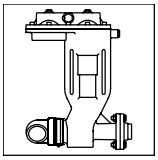

DAC V


DAC H


KBS

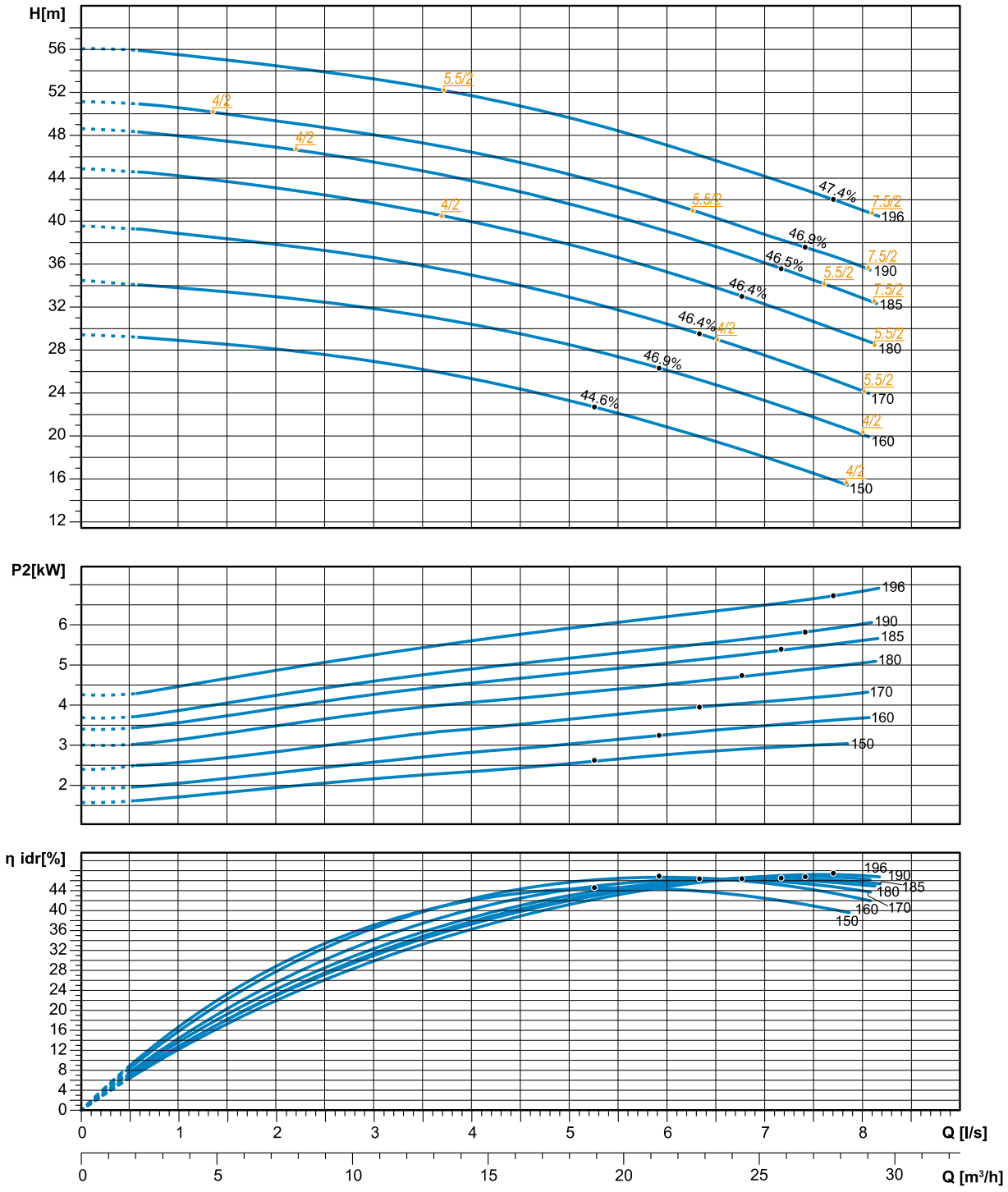

KBC


KBS H


FLX

ZUG HP 050A

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG HP 050B

5.5 ÷ 15 kW - 2

Hydraulics

High head impeller

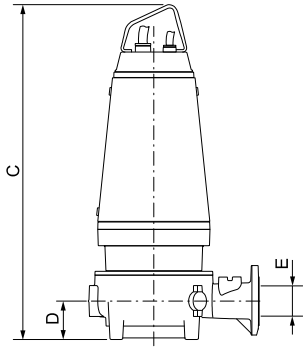
Free passage: 7.5 mm
Discharge: DN 50 - G2"
Suction: DN 65

Motor

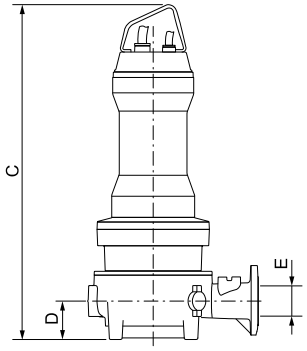
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
5.5/2 A	400-700/3	Y Δ	10.2	0.88	6.2	5.5	89.2	IE3
7.5/2 A	400-700/3	Y Δ	14.1	0.85	8.3	7.5	90.1	IE3
9/2 A	400-700/3	Y Δ	16.6	0.87	9.9	9.0	90.7	IE3
11/2 A	400-700/3	Y Δ	20.0	0.87	12.0	11.0	91.7	IE3
15/2 A	400-700/3	Y Δ	26.7	0.88	16.3	15.0	91.9	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

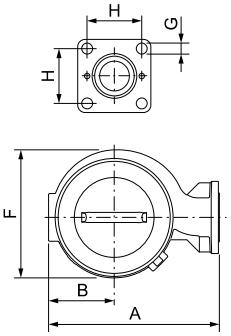
Overall dimensions and weight



DRY



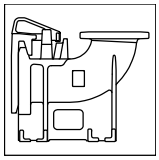
WET

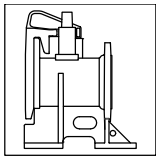


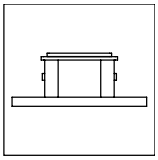
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG HP 050B 5.5/2 AW	404	160	773	-	77	G 2"	320	18	88	4	120.9	-
ZUG HP 050B 7.5/2 AW (D)	404	160	873	948	77	G 2"	320	18	88	4	133.9	217.9
ZUG HP 050B 9/2 AW (D)	404	160	873	948	77	G 2"	320	18	88	4	137.9	240.6
ZUG HP 050B 11/2 AW (D)	404	160	873	948	77	G 2"	320	18	88	4	141.9	224.0
ZUG HP 050B 15/2 AW (D)	404	160	1043	1043	77	G 2"	320	18	88	4	205.0	240.6

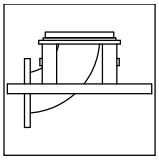
(*) Weight for the DRY version includes cooling fluid

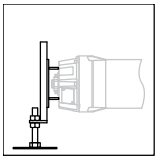
Available accessories

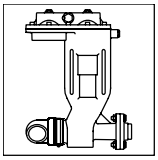

DAC V


DAC H


KBS

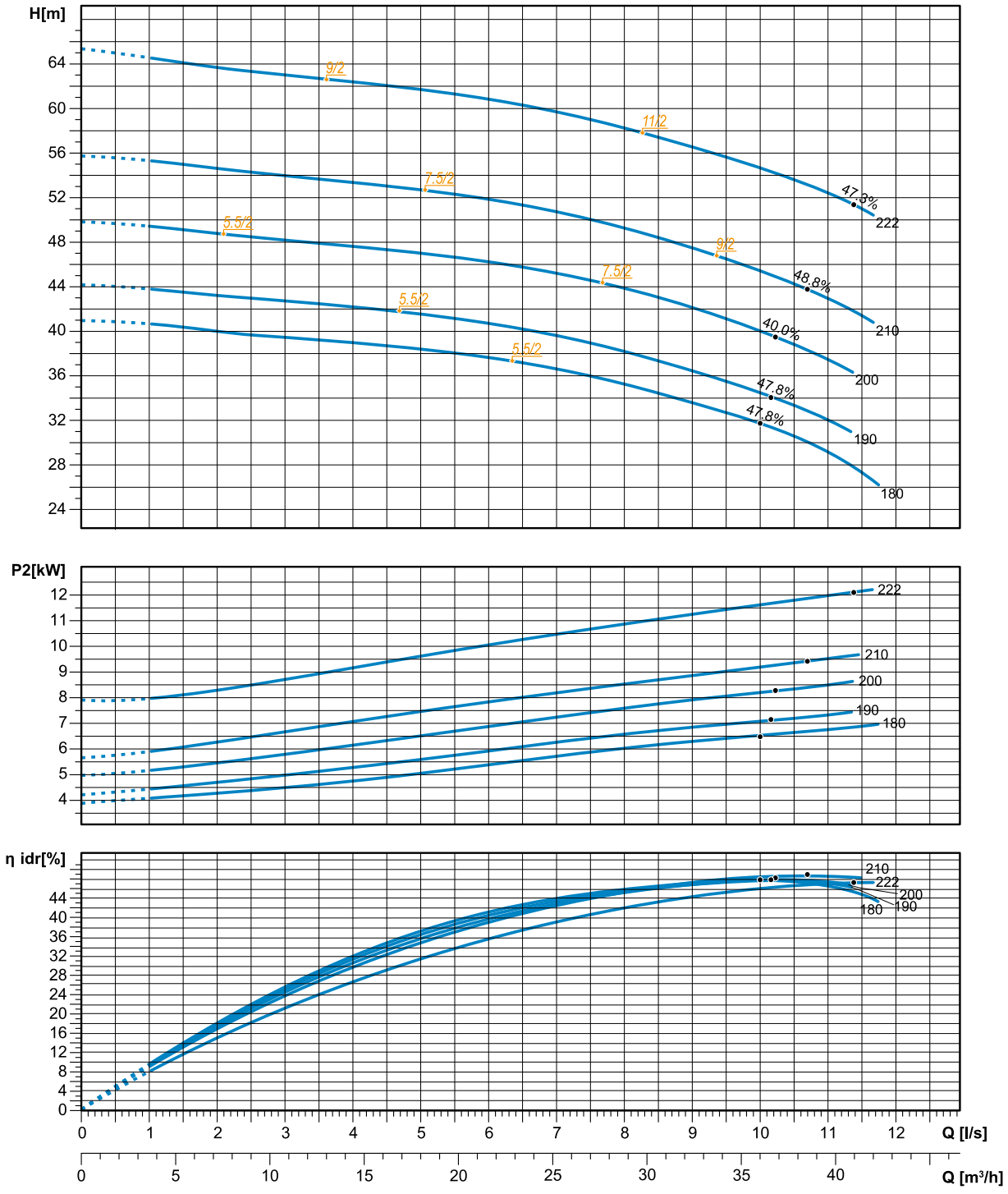

KBC


KBS H


FLX

ZUG HP 050A

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG CP 100F

22 ÷ 45 kW - 2 poles

Hydraulics

Chopper impeller

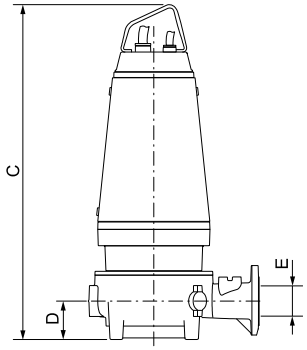
Free passage: 45 mm
Discharge: DN 100
Suction: DN 150

Motor

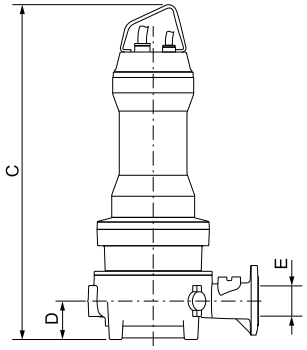
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
22/2 A	400-700/3	Y Δ	39.3	0.87	23.7	22.0	92.8	IE3
30/2 A	400-700/3	Y Δ	53.0	0.88	30.2	30.0	93.3	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

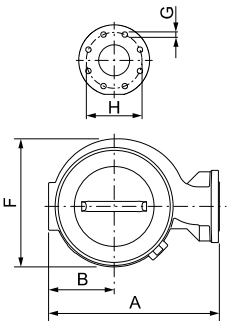
Overall dimensions and weight



DRY



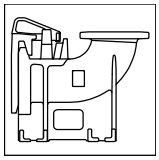
WET

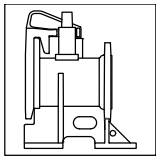


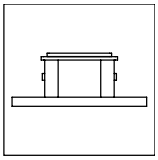
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG CP 100F 22/2 AW (D)	602	208	1181	1181	124	100	413	18	180	8	341.6	388.6
ZUG CP 100F 30/2 AW (D)	602	208	1181	1181	124	100	413	18	180	8	351.8	398.8

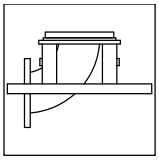
(*) Weight for the DRY version includes cooling fluid

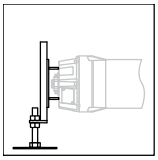
Available accessories

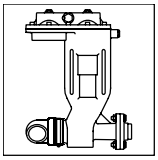

DAC V


DAC H


KBS


KBC

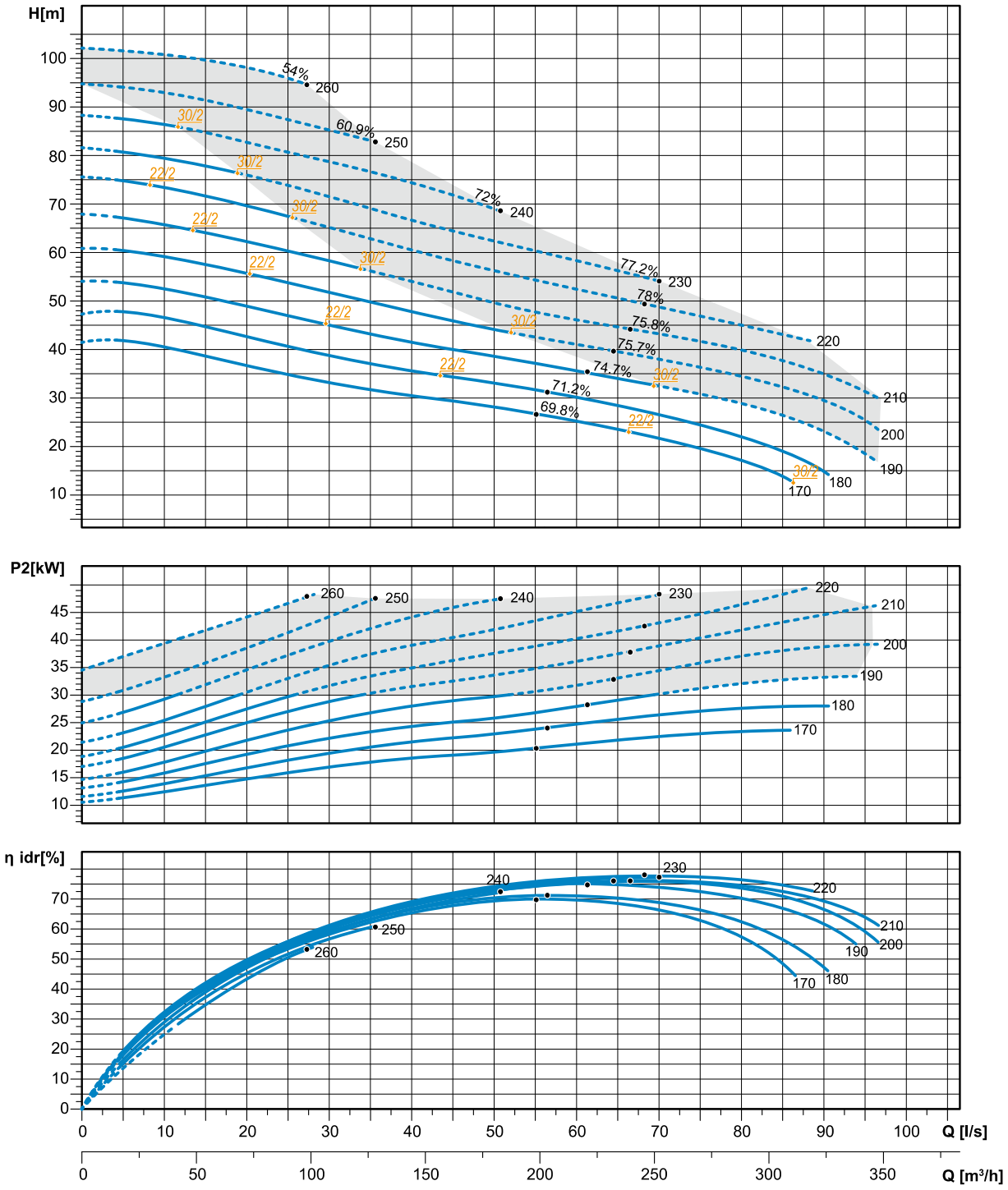

KBS H


FLX

ZUG CP 100F

Performances

Contact Zenit



Characteristic curves according to UNI EN ISO 9906

ZUG CP 100F

3 ÷ 15 kW - 4 poles

Hydraulics

Chopper impeller

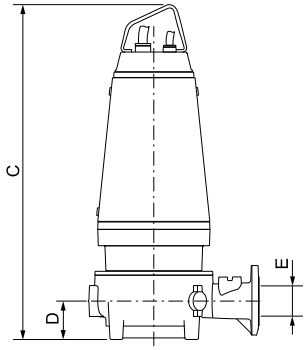
Free passage: 45 mm
Discharge: DN 100
Suction: DN 150

Motor

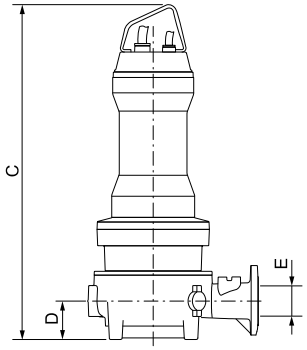
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
3/4 A	400-700/3	Y Δ	6.6	0.75	3.42	3.0	87.7	IE3
4/4 A	400-700/3	Y Δ	8.5	0.77	4.5	4.0	88.7	IE3
5.5/4 A	400-700/3	Y Δ	11.7	0.76	6.1	5.5	89.6	IE3
7.5/4 A	400-700/3	Y Δ	14.5	0.83	8.3	7.5	90.4	IE3
9/4 A	400-700/3	Y Δ	18.3	0.78	9.9	9.0	90.8	IE3
11/4 A	400-700/3	Y Δ	21.2	0.82	12.0	11.0	91.4	IE3
15/4 A	400-700/3	Y Δ	28.5	0.82	16.3	15.0	92.2	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

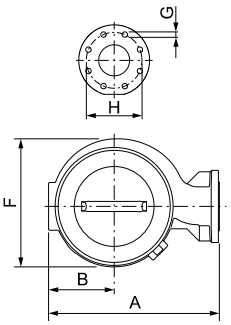
Overall dimensions and weight



DRY



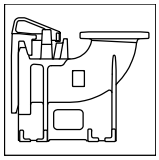
WET

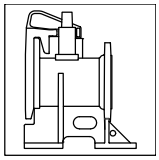


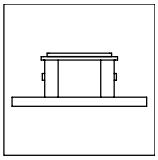
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG CP 100F 3/4 AW	602	208	864	-	124	100	407	18	180	8	191	-
ZUG CP 100F 4/4 AW (D)	602	208	964	1040	124	100	407	18	180	8	209	294
ZUG CP 100F 5.5/4 AW (D)	602	208	964	1040	124	100	407	18	180	8	212	298
ZUG CP 100F 7.5/4 AW (D)	602	208	1040	1040	124	100	407	18	180	8	261.3	296.3
ZUG CP 100F 9/4 AW (D)	602	208	1130	1130	124	100	407	18	180	8	282.3	315.3
ZUG CP 100F 11/4 AW (D)	602	208	1181	1181	124	100	413	18	180	8	333.5	380.5
ZUG CP 100F 15/4 AW (D)	602	208	1181	1181	124	100	413	18	180	8	347.2	394.2

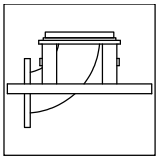
(*) Weight for the DRY version includes cooling fluid

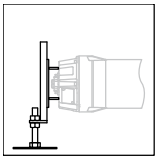
Available accessories

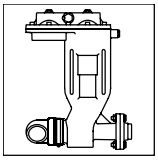

DAC V


DAC H


KBS

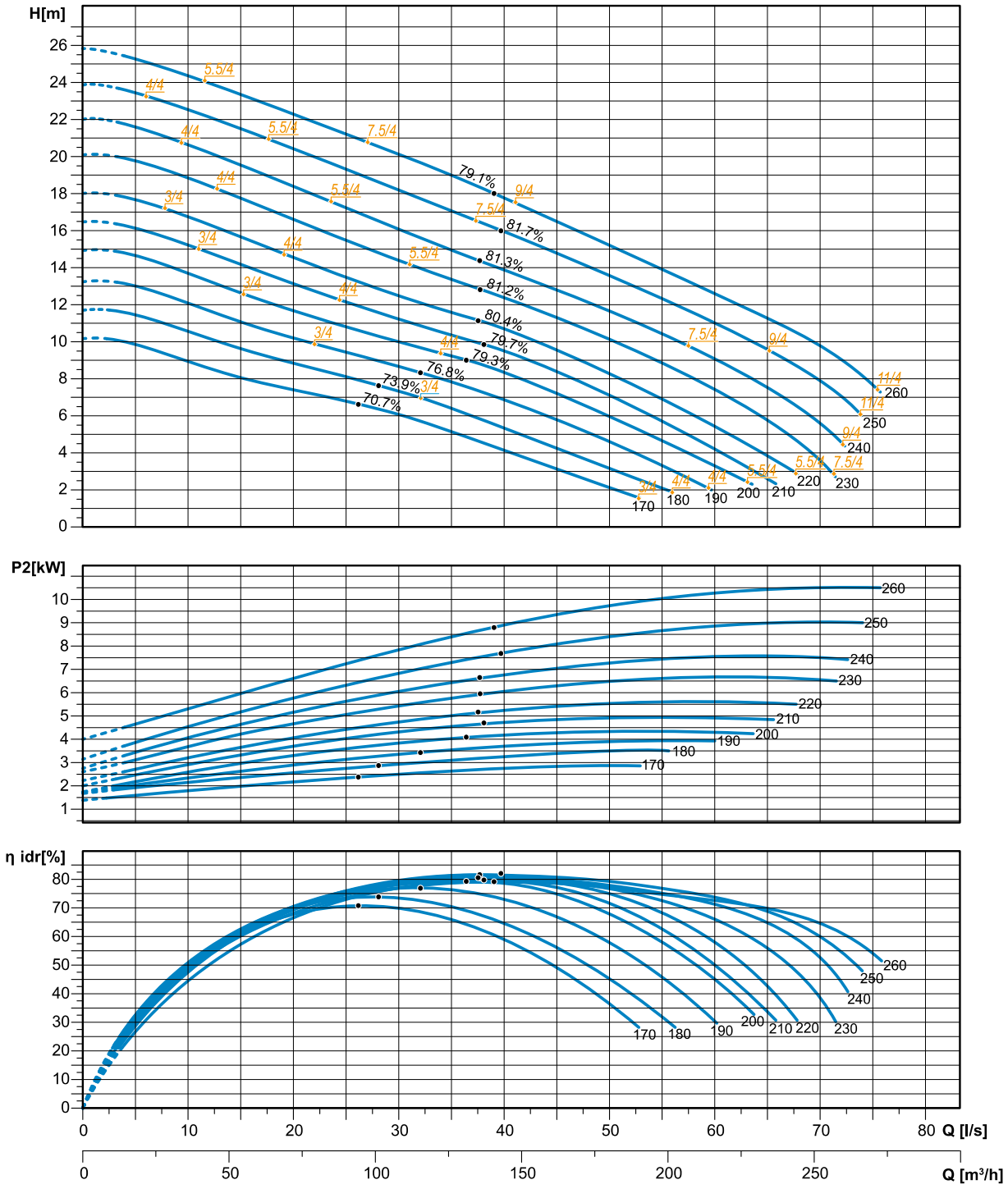

KBC


KBS H


FLX

ZUG CP 100F

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG CP 150F

11 ÷ 37 kW - 4 poles

Hydraulics

Chopper impeller

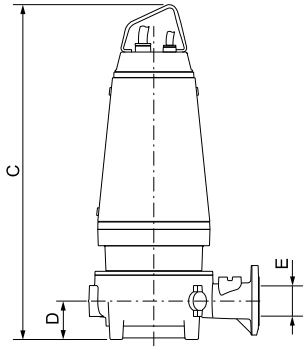
Free passage: 80 mm
Discharge: DN 150
Suction: DN 200

Motor

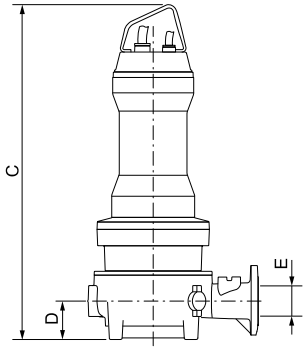
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
11/4 A	400-700/3	Y Δ	21.2	0.82	12.0	11.0	91.4	IE3
15/4 A	400-700/3	Y Δ	28.5	0.82	16.3	15.0	92.2	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

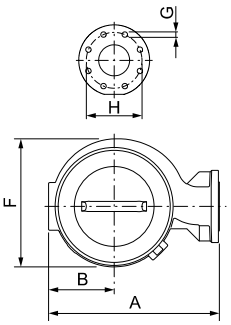
Overall dimensions and weight



DRY



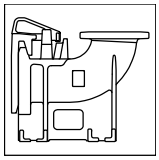
WET

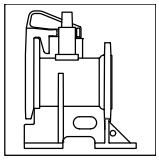


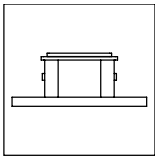
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG CP 150F 11/4 AW (D)	650	255	1235	1235	170	150	505	24	240	8	351.5	398.5
ZUG CP 150F 15/4 AW (D)	650	255	1235	1235	170	150	505	24	240	8	365.2	412.2

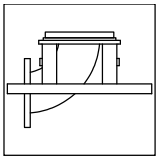
(*) Weight for the DRY version includes cooling fluid

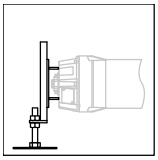
Available accessories

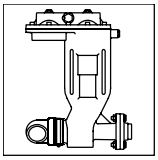

DAC V


DAC H


KBS


KBC

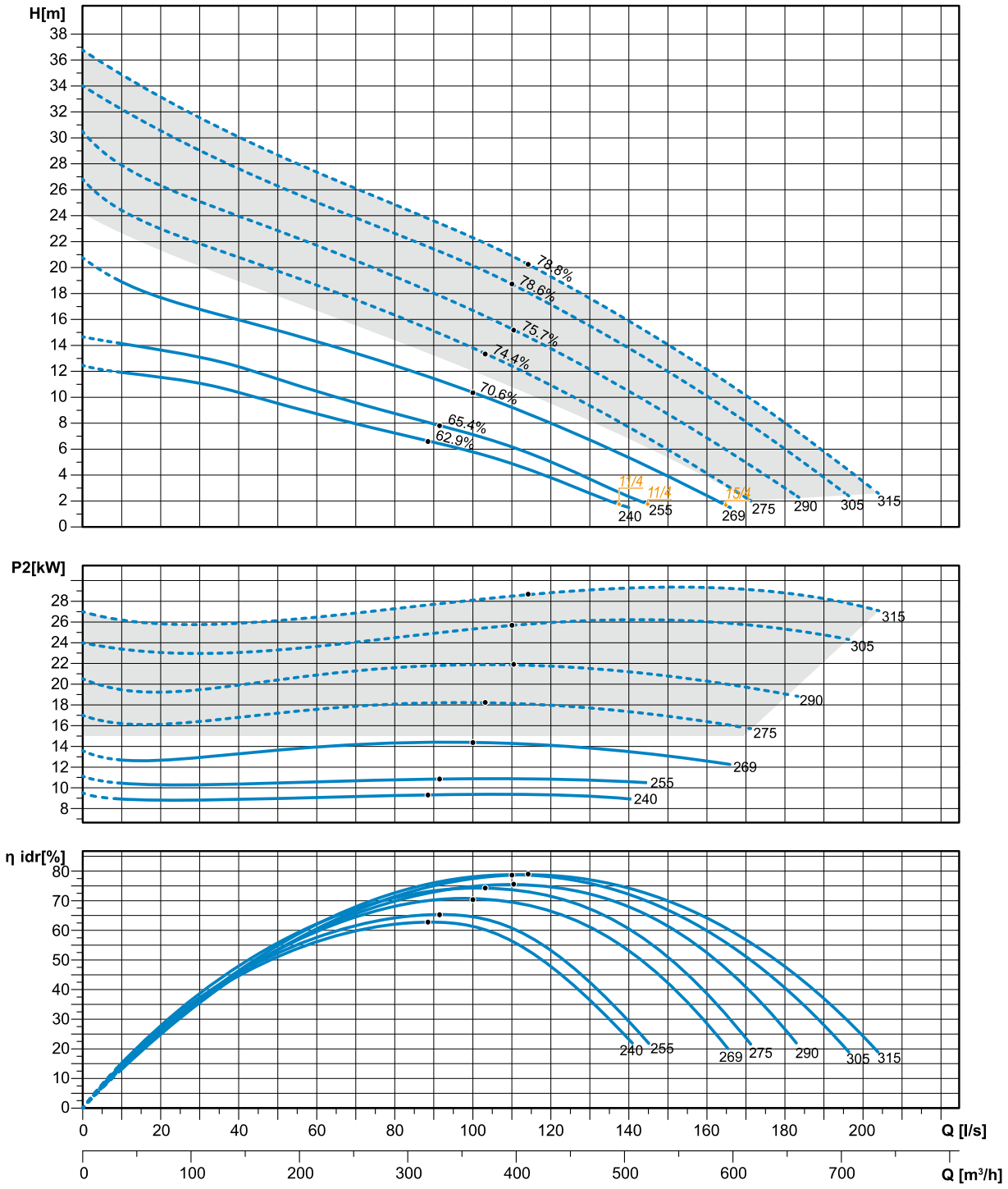

KBS H


FLX

ZUG CP 150F

Performances

Contact Zenit



Characteristic curves according to UNI EN ISO 9906

ZUG CP 150G

7.5 ÷ 11 kW - 6 poles

Hydraulics

Chopper impeller

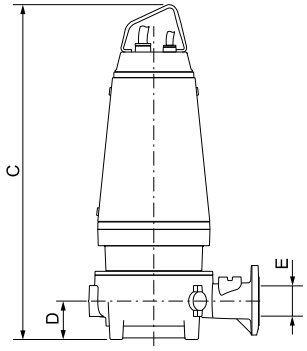
Free passage: 45 mm
Discharge: DN 150
Suction: DN 150

Motor

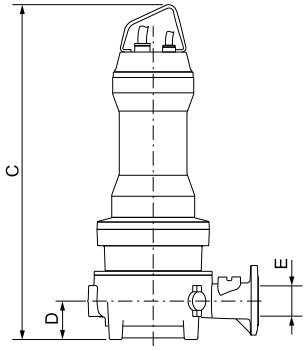
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7.5/6 A	400-700/3	Y Δ	16.2	0.75	8.4	7.5	89.1	IE3
9/6 A	400-700/3	Y Δ	19.8	0.73	10.0	9.0	89.7	IE3
11/6 A	400-700/3	Y Δ	22.7	0.77	12.2	11.0	90.3	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

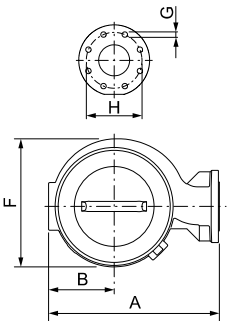
Overall dimensions and weight



DRY



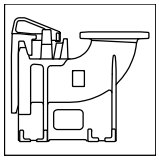
WET

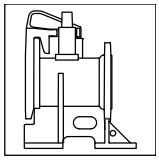


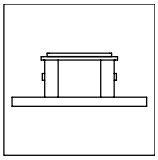
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG CP 150G 7.5/6 AW (D)	605	240	1190	1190	120	150	570	22	240	8	284.7	331.7
ZUG CP 150G 9/6 AW (D)	605	240	1190	1190	120	150	570	22	240	8	292.4	339.4
ZUG CP 150G 11/6 AW (D)	605	240	1190	1190	120	150	570	22	240	8	302.7	349.7

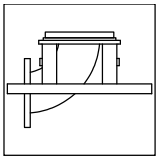
(*) Weight for the DRY version includes cooling fluid

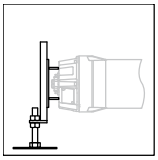
Available accessories

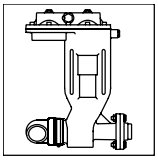

DAC V


DAC H


KBS

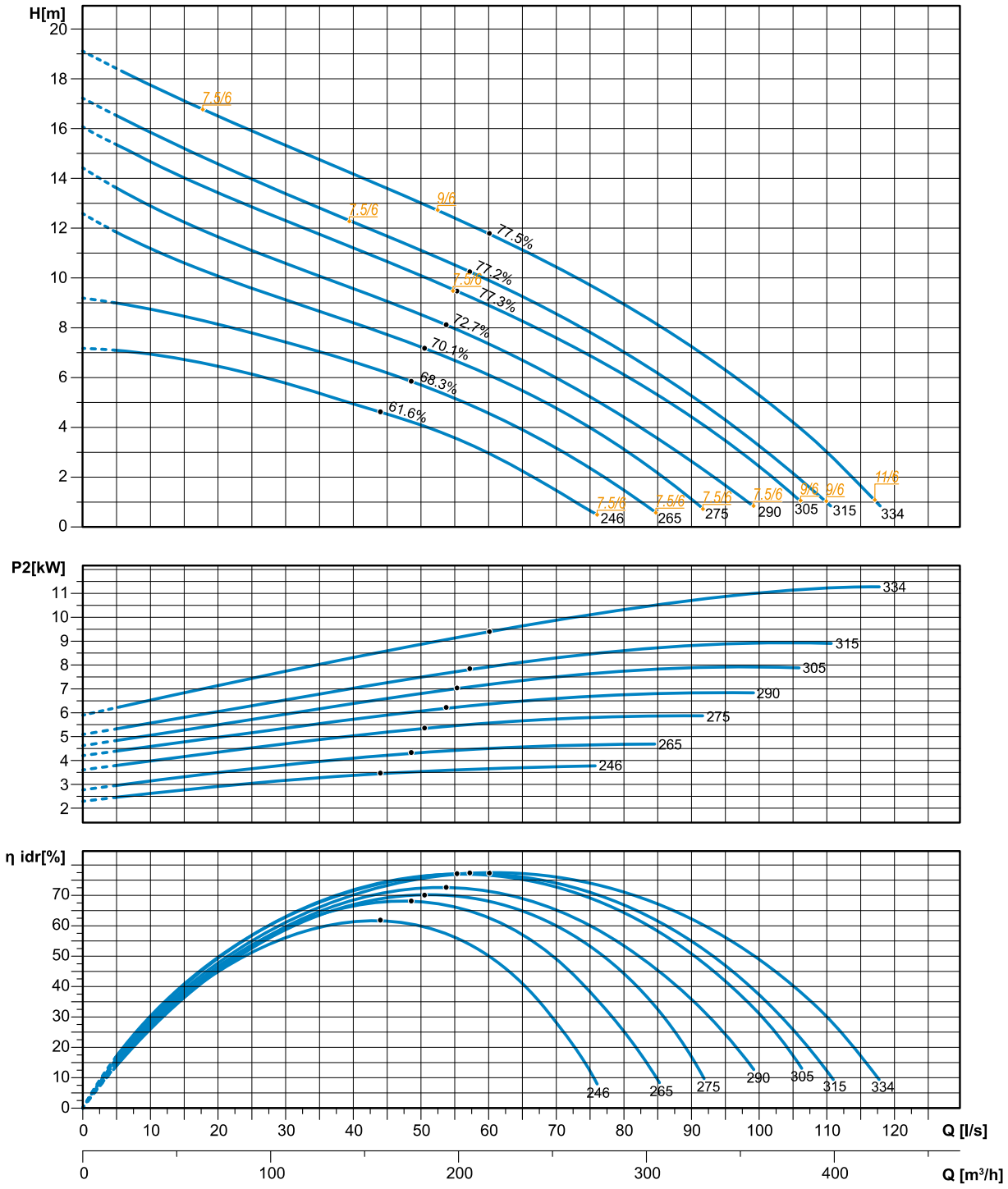

KBC


KBS H


FLX

ZUG CP 150G

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG CP 200B

11 ÷ 37 kW - 4 poles

Hydraulics

Chopper impeller

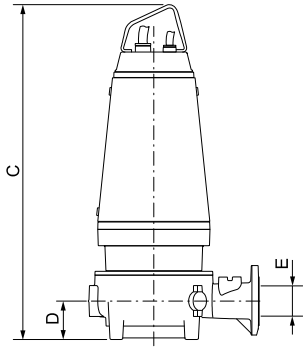
Free passage: 80 mm
Discharge: DN 200
Suction: DN 200

Motor

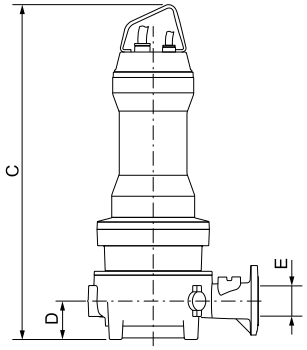
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
11/4 A	400-700/3	Y Δ	21.1	0.82	12.0	11.0	91.4	IE3
15/4 A	400-700/3	Y Δ	28.5	0.82	16.3	15.0	92.2	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

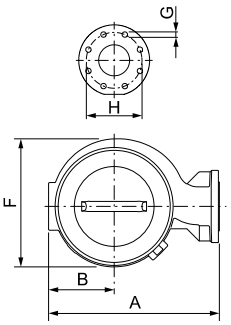
Overall dimensions and weight



DRY



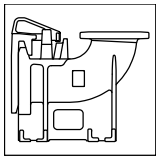
WET

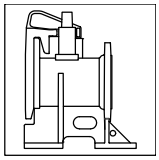


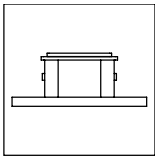
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG CP 200B 11/4 AW (D)	692	273	1233	1233	172	200	540	22	295	12	357.5	404.5
ZUG CP 200B 15/4 AW (D)	692	273	1233	1233	172	200	540	22	295	12	371.2	418.2

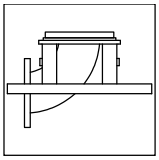
(*) Weight for the DRY version includes cooling fluid

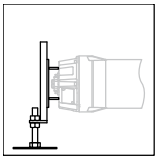
Available accessories

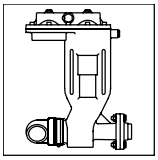

DAC V


DAC H


KBS


KBC

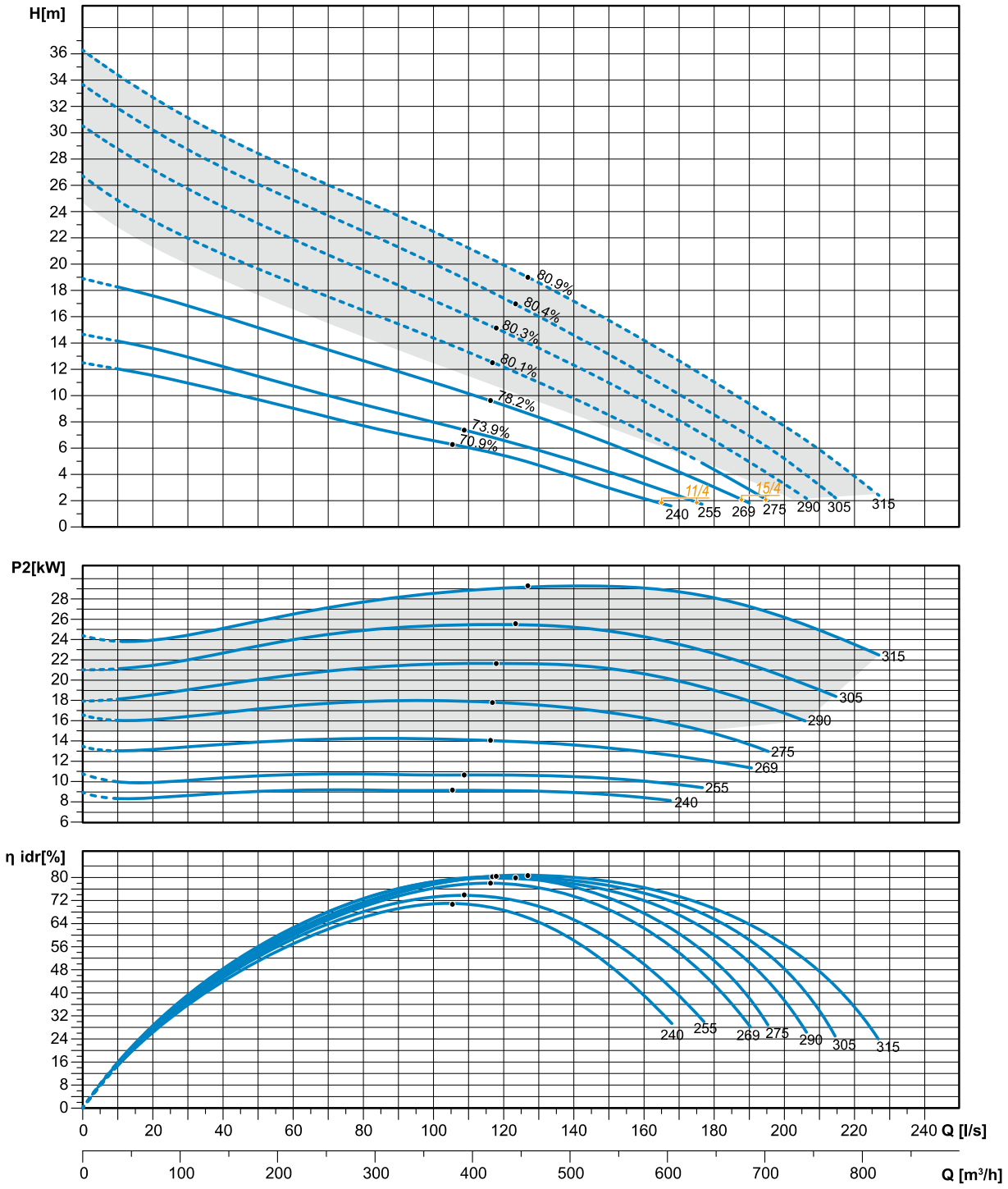

KBS H


FLX

ZUG CP 200B

Performances

Contact Zenit



Characteristic curves according to UNI EN ISO 9906

ZUG CP 200B

7.5 ÷ 9 kW - 6 poles

Hydraulics

Chopper impeller

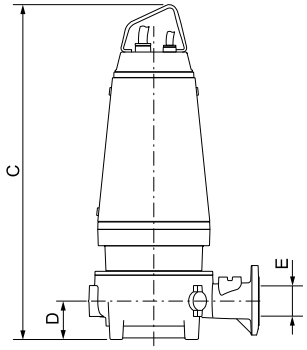
Free passage:	80 mm
Discharge:	DN 200
Suction:	DN 200

Motor

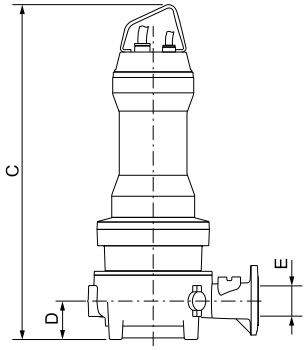
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7.5/6 A	400-700/3	Y Δ	16.2	0.75	8.4	7.5	89.1	IE3
9/6 A	400-700/3	Y Δ	19.8	0.73	10.0	9.0	89.7	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

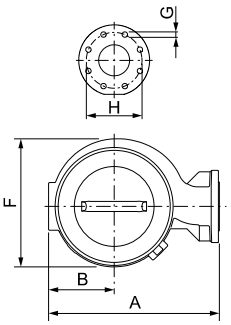
Overall dimensions and weight



DRY



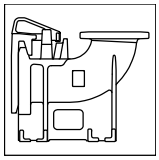
WET

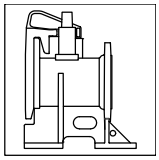


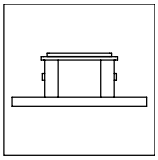
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG CP 200B 7.5/6 AW (D)	692	273	1233	1233	172	200	540	22	295	12	325	372
ZUG CP 200B 9/6 AW (D)	692	273	1233	1233	172	200	540	22	295	12	332.7	379.7

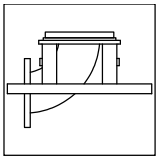
(*) Weight for the DRY version includes cooling fluid

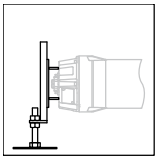
Available accessories

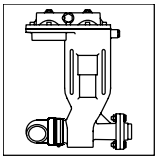

DAC V


DAC H


KBS

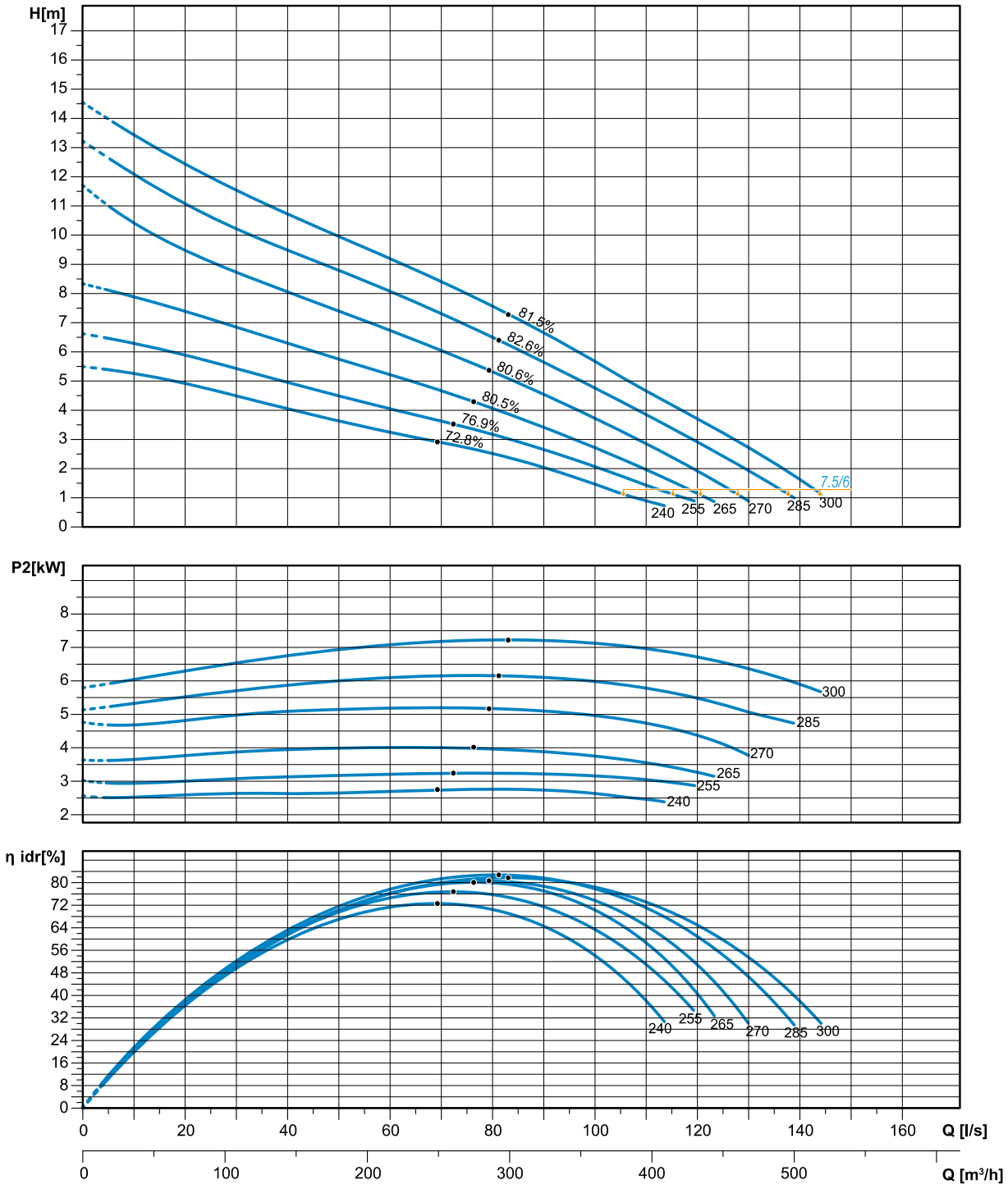

KBC


KBS H


FLX

ZUG CP 200B

Performances



Characteristic curves according to UNI EN ISO 9906

ZUG CP 250H

11 ÷ 37 kW - 4 poles

Hydraulics

Chopper impeller

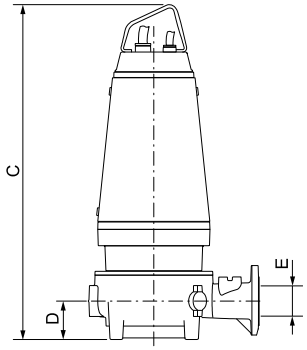
Free passage: 80 mm
Discharge: DN 250
Suction: DN 200

Motor

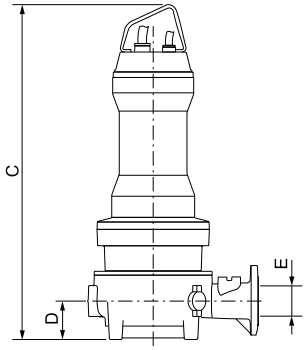
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
11/4 A	400-700/3	Y Δ	21.2	0.82	12.0	11.0	91.4	IE3
15/4 A	400-700/3	Y Δ	28.5	0.82	16.3	15.0	92.2	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

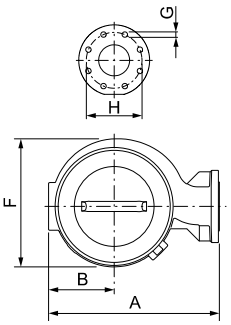
Overall dimensions and weight



DRY



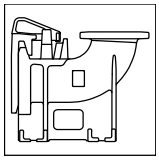
WET

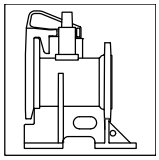


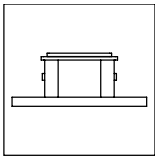
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG CP 250H 11/4 AW (D)	810	335	1265	1265	205	250	610	26	355	12	384.5	431.5
ZUG CP 250H 15/4 AW (D)	810	335	1265	1265	205	250	610	26	355	12	398.2	445.2

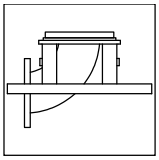
(*) Weight for the DRY version includes cooling fluid

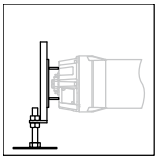
Available accessories

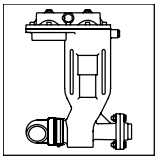

DAC V


DAC H


KBS


KBC

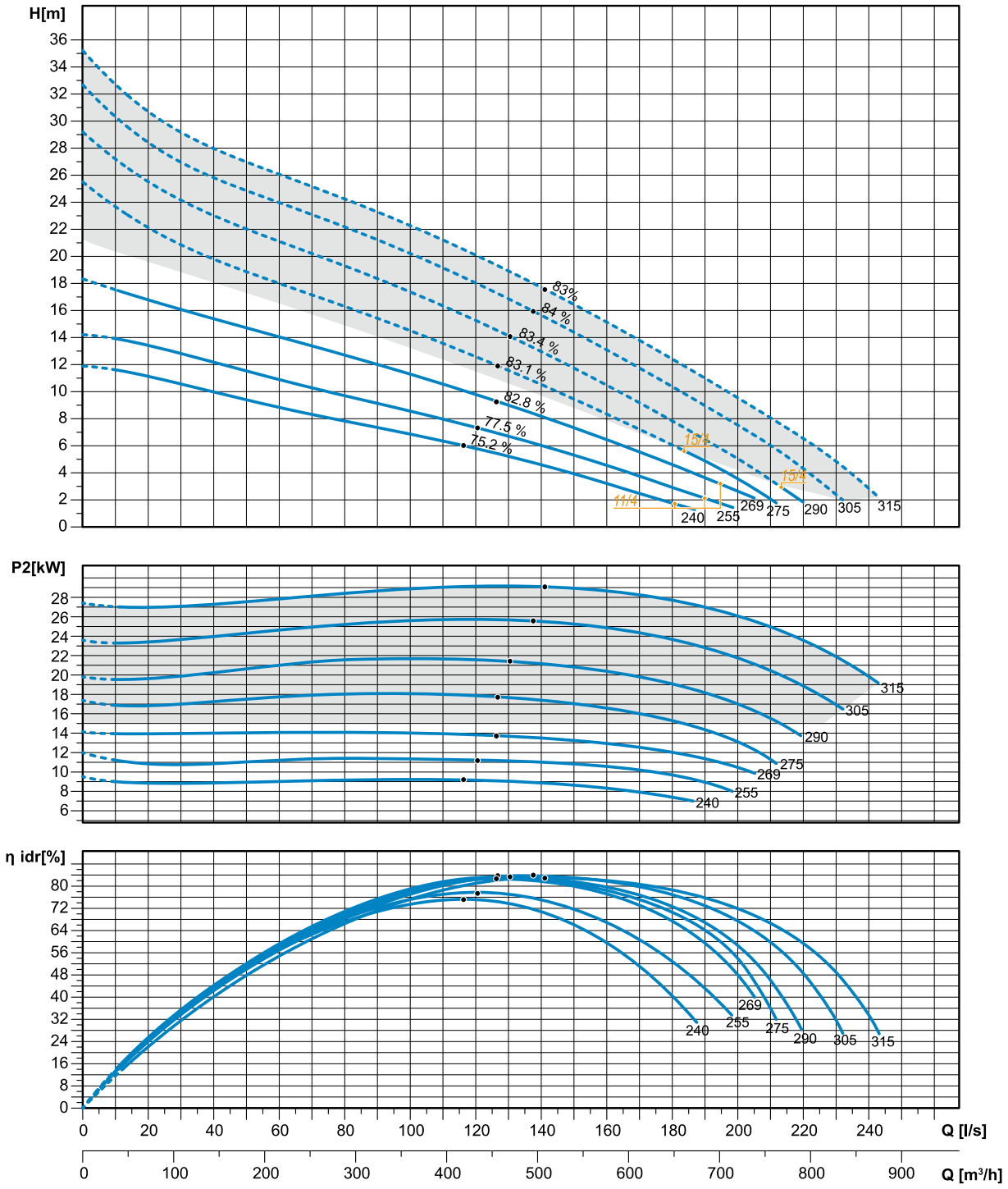

KBS H


FLX

ZUG CP 250H

Performances

Contact Zenit



Characteristic curves according to UNI EN ISO 9906

ZUG CP 250H

7.5 ÷ 11 kW - 6 poles

Hydraulics

Chopper impeller

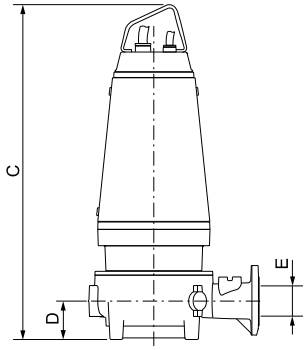
Free passage:	80 mm
Discharge:	DN 250
Suction:	DN 200

Motor

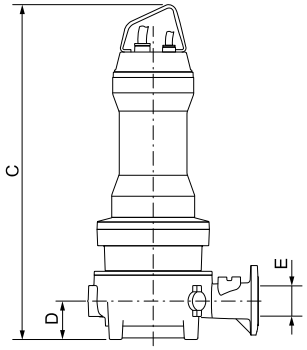
Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7.5/6 A	400-700/3	Y Δ	16.2	0.75	8.4	7.5	89.1	IE3
9/6 A	400-700/3	Y Δ	19.8	0.73	10.0	9.0	89.7	IE3
11/6 A	400-700/3	Y Δ	22.7	0.77	12.2	11.0	90.3	IE3

W: WET version (submerged operation - S1 duty type)
D: DRY version (dry operation - S1 duty type)

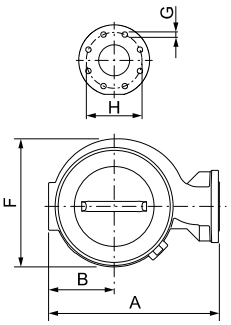
Overall dimensions and weight



DRY



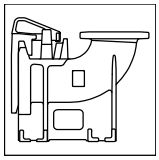
WET

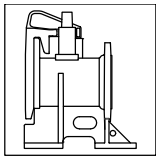


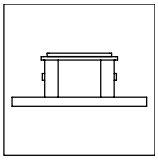
	A mm	B mm	C mm WET	C mm DRY	D mm	E mm	F mm	G mm	H mm	nr. holes	Kg WET	Kg DRY (*)
ZUG CP 250H 7.5/6 AW (D)	810	335	1265	1265	205	250	610	26	355	12	352	399
ZUG CP 250H 9/6 AW (D)	810	335	1265	1265	205	250	610	26	355	12	359.7	406.7
ZUG CP 250H 11/6 AW (D)	810	335	1265	1265	205	250	610	26	355	12	370	417

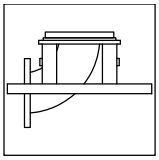
(*) Weight for the DRY version includes cooling fluid

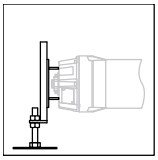
Available accessories

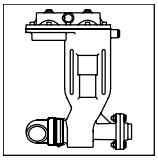

DAC V


DAC H


KBS

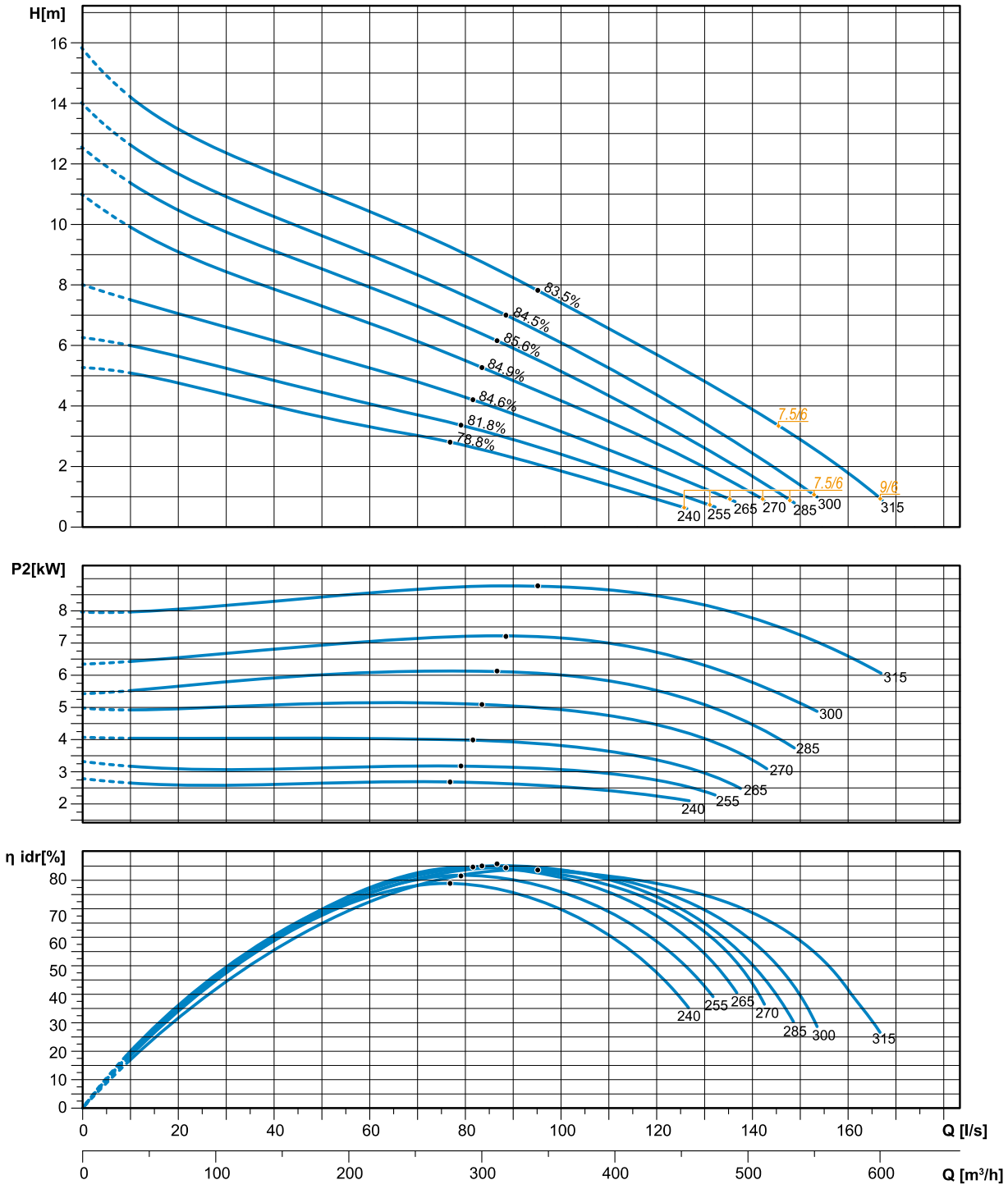

KBC


KBS H


FLX

ZUG CP 250H

Performances



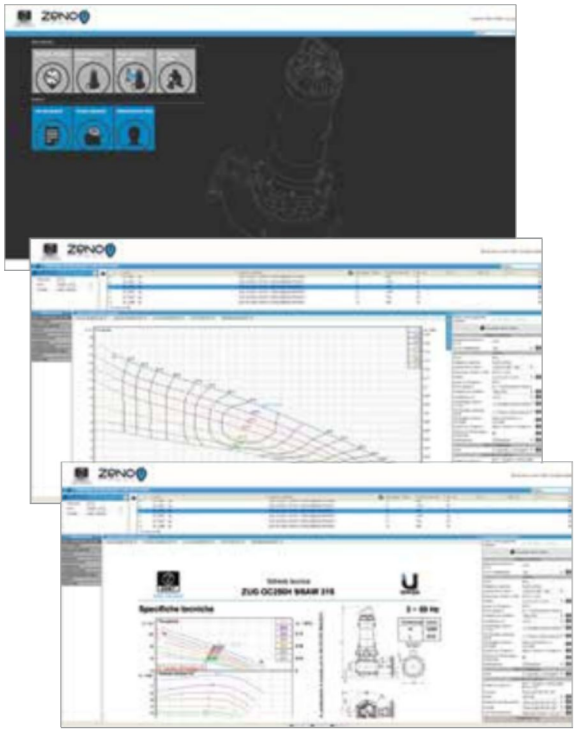
Characteristic curves according to UNI EN ISO 9906

ZENO Pump Selector, one-click access to the right solution for you

The solution that provides invaluable assistance for the entire Zenit electric pump selection and configuration process, right through to generation of the final quotation. Used to meet the needs of producers and operators, the **Zeno Pump Selector** is an extremely effective tool for managing all types of businesses.

Three different search methods

By point, by selecting the precise duty point; **Direct**, by selecting the type of hydraulics; and **Efficient**, by replacing a less efficient electric pump with a Zenit model.
Pumping system design involves selection of the various duty points on the basis of the fluid for handling, through to choice of the hydraulic component configurations. Apart from the choice of exactly the right unit, there are also impressive time savings in the electric pump selection and configuration process.



DIMENSION SPECIFICATION, SELECTION, QUOTATION

Detailed **configuration** for **quick** consultation of all the product's specific data

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Rev. 3 - 01/06/18