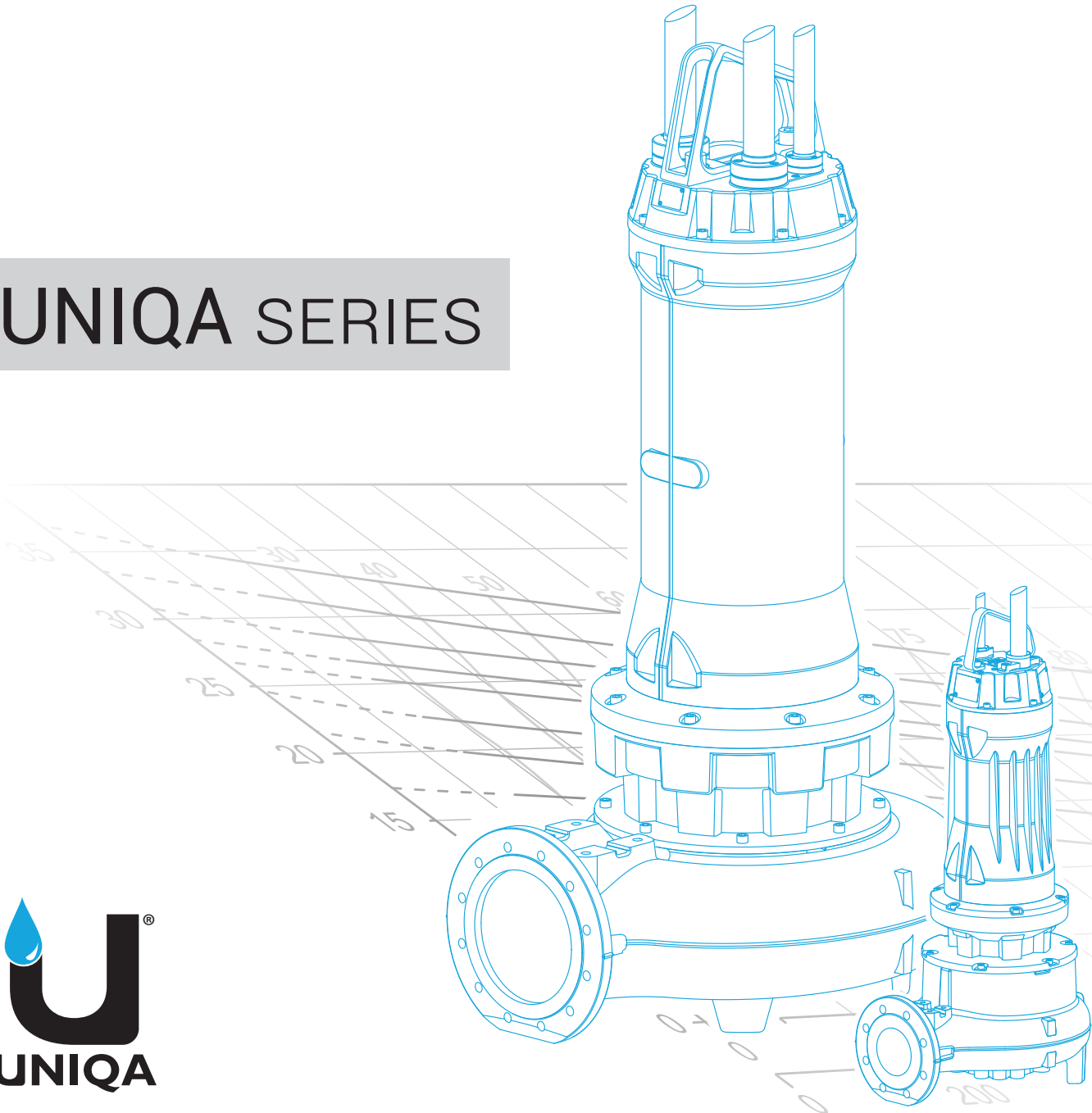


50Hz



water solutions

UNIQA SERIES



D A T A B O O K L E T

EN



water solutions

UNIQA SERIES



D A T A B O O K L E T



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ZENIT UNIQA 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-iron 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.

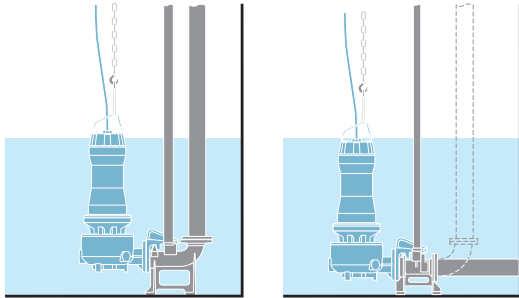
This prevents clogging of the impeller even with highly fouled liquids, allows stringy items to be pulled out or unwound and renders the hydraulics **clogging-proof**.



Installation types

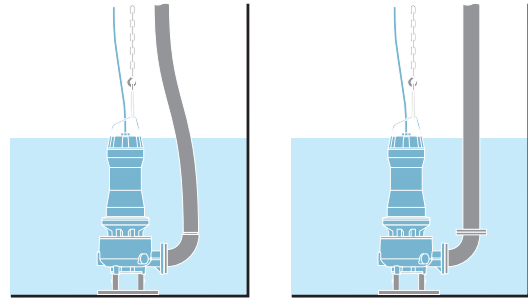
Type P

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



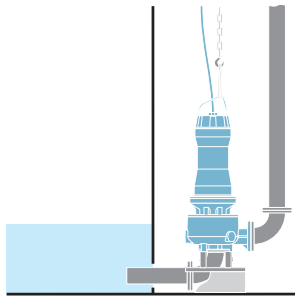
Type S

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



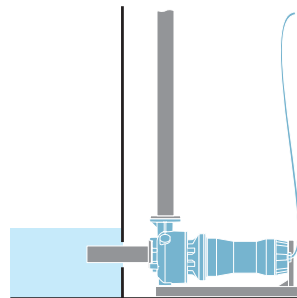
Type T

Vertical installation in dry chamber with curved base (KBC)



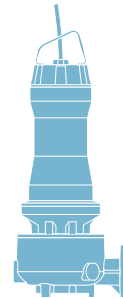
Type Z

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	PA	DAC V	●				
	PF		●				●
	PA	DAC H	●				
	PF		●				●
S	SA	KBS	●		●		
	SF		●		●		●
T	TA	KBC	●	●			
	TJ	KBC + KBS	●	●	●		
Z	ZA	KBS-H	●	●		●	
	ZJ	KBS-H	●			●	
X	XA	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

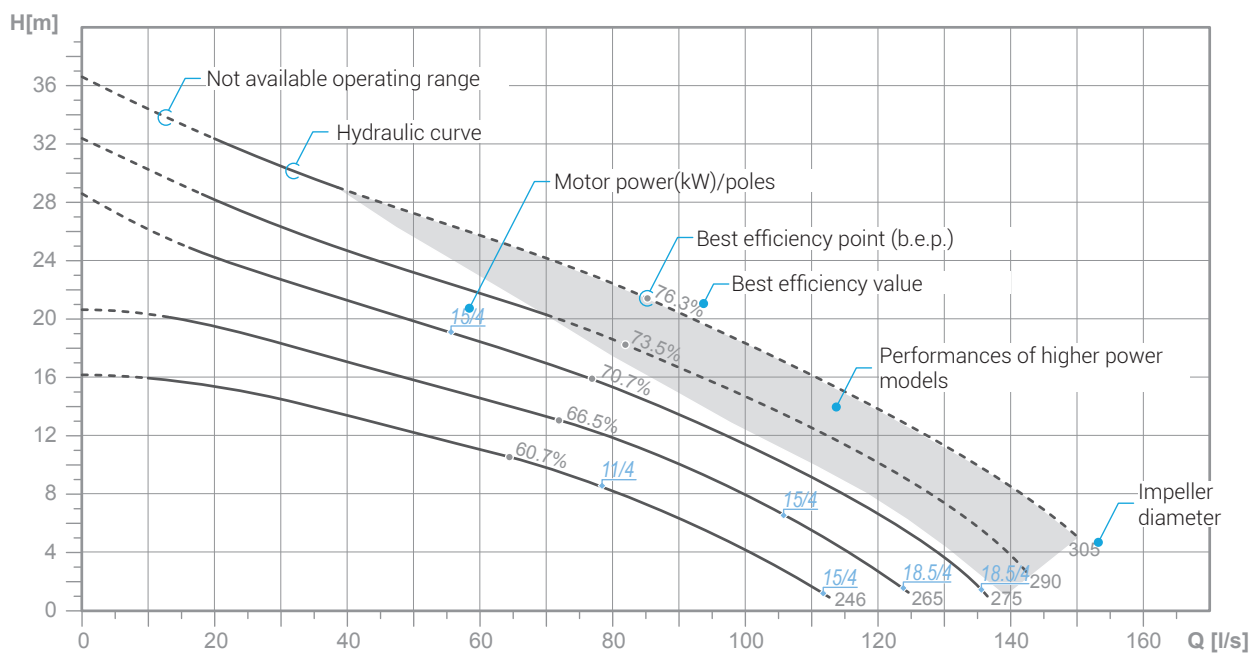


- | | | |
|---|---|--|
| ① Product name
ZU = Zenit UNIQA | ③ Type of impeller
OC = open channel
V = vortex | ⑧ Motor variant |
| ② Construction material
G = Cast iron
B = Bronze
X = Stainless steel | ④ Discharge port diameter in mm | ⑨ Operating mode
D = Dry
W = Wet |
| | ⑤ Hydraulic variant | ⑩ Nominal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



- | | | |
|---|--------------------------|---------------------------------|
| ⑬ Construction materials
- hydraulics
- motor shaft
and painting | ⑭ Electrical accessories | ⑱ Special variant/certification |
| | ⑮ Cable length (m) | ⑲ Customization |
| | ⑯ Voltage | |
| | ⑰ Frequency/phases | |

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



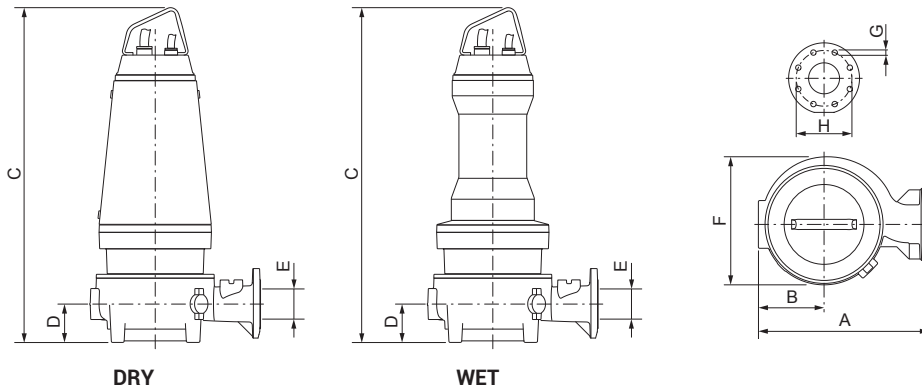
Motor

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

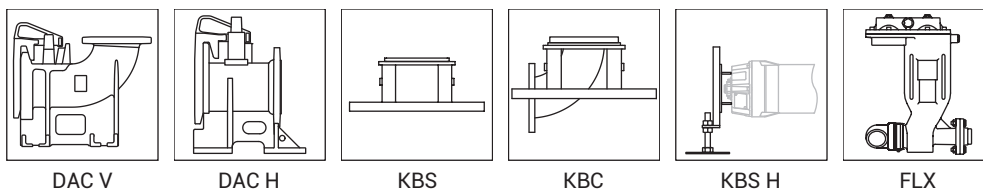
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

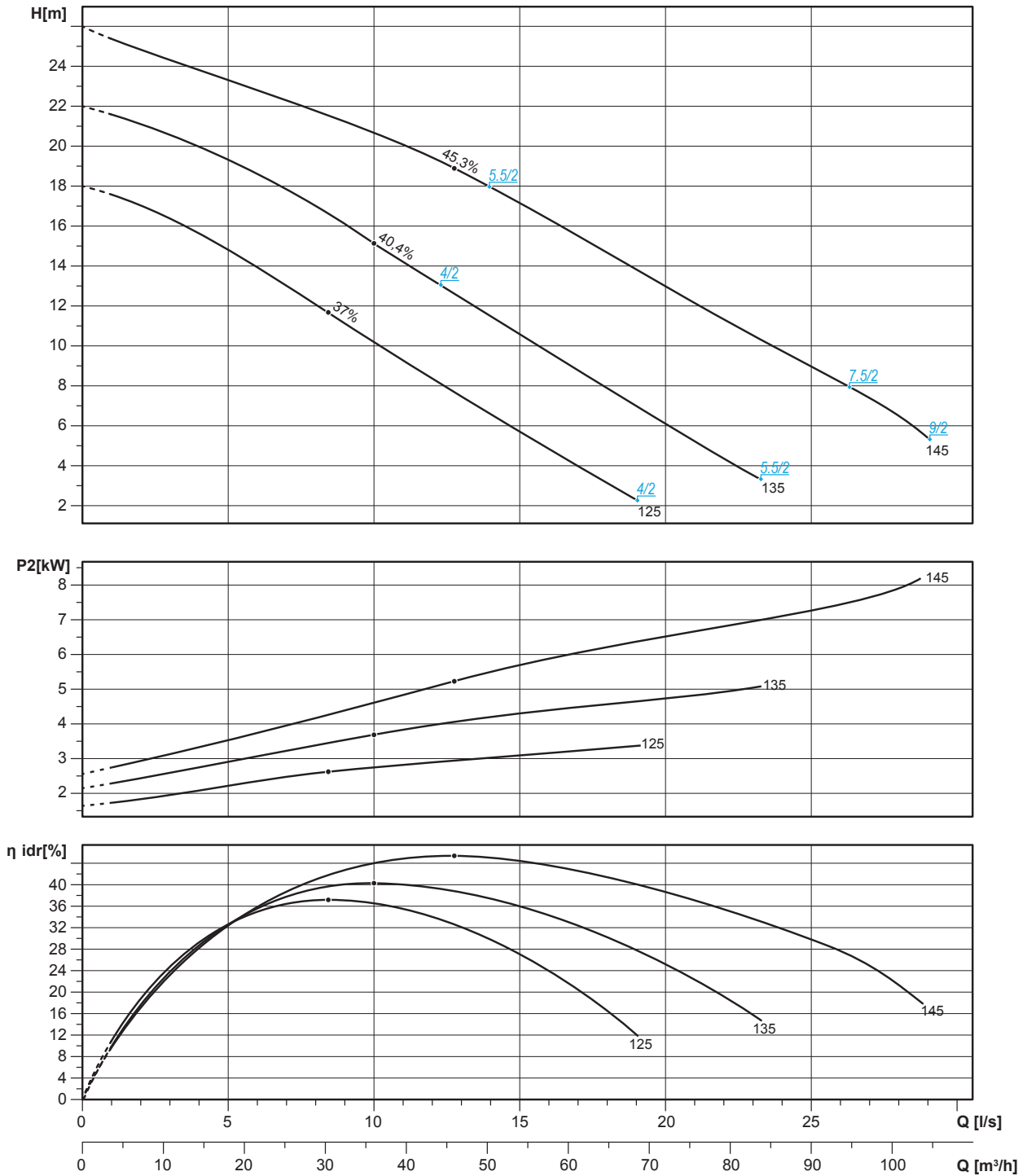
Available accessories



Product image is illustrative. Zenit reserves the right to modify the product without advance notification.

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



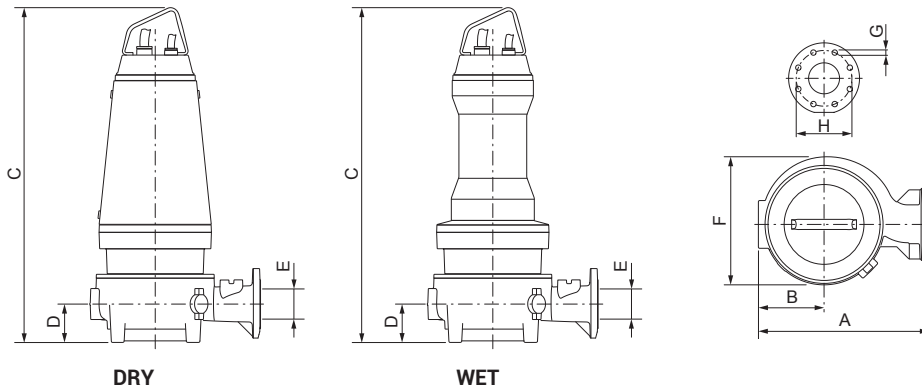
Motor

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

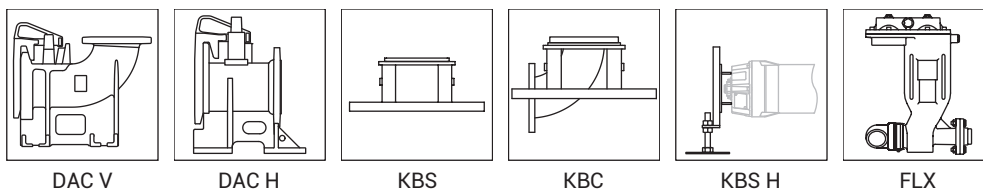
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

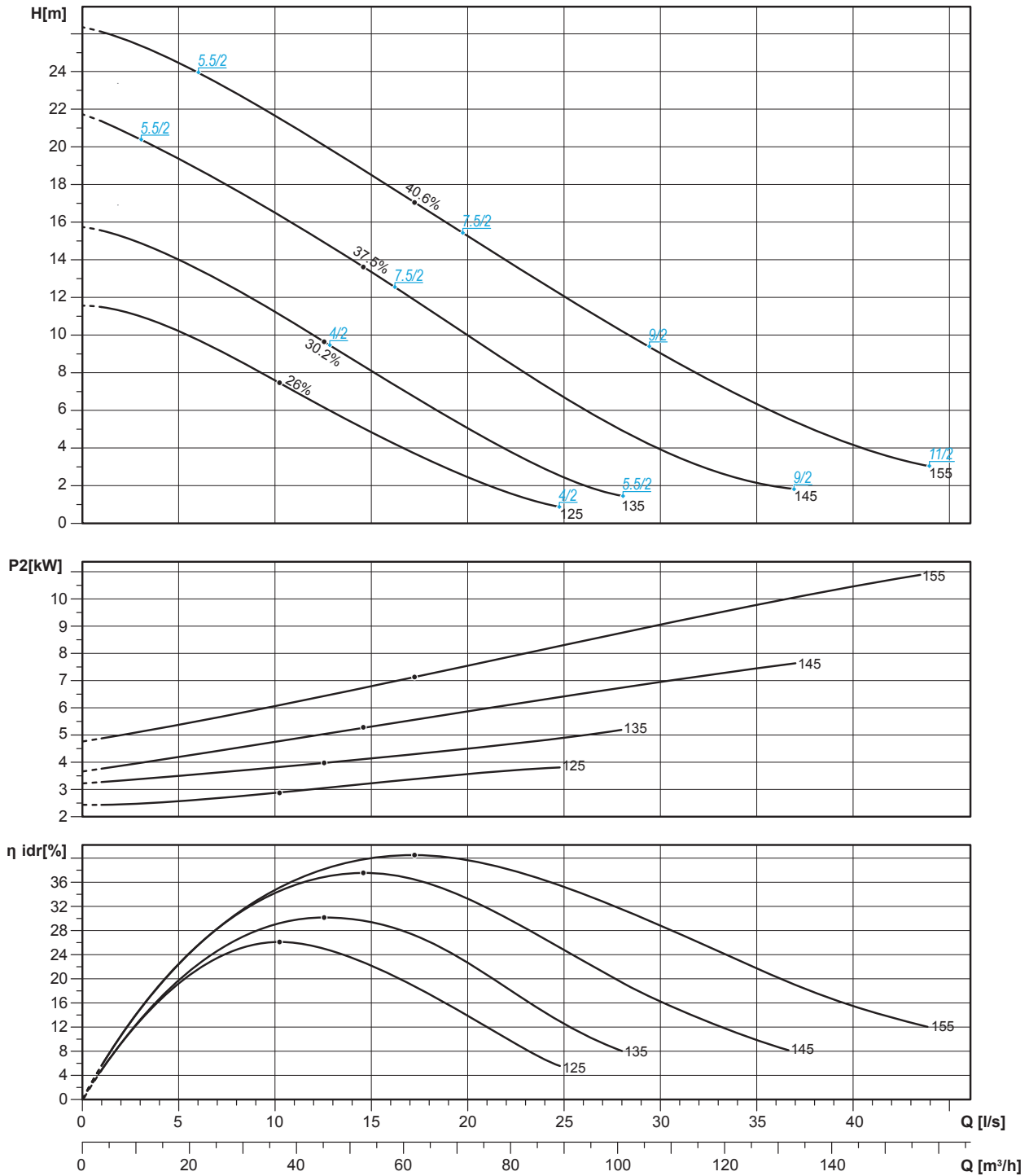
Available accessories



Product image is illustrative. Zenit reserves the right to modify the product without advance notification.

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



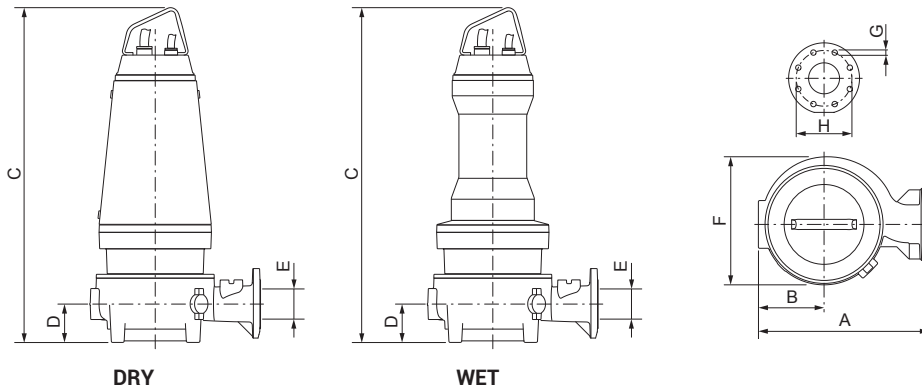
Motor

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

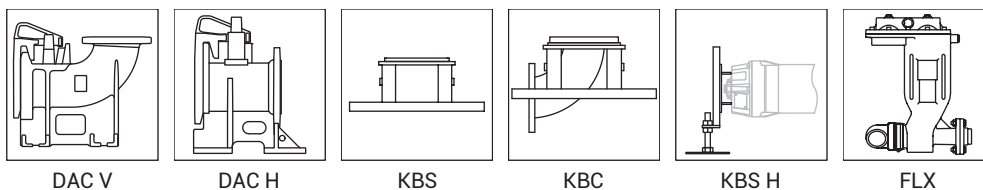
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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	238.38	274.4

(*) Weight for the DRY version includes cooling fluid

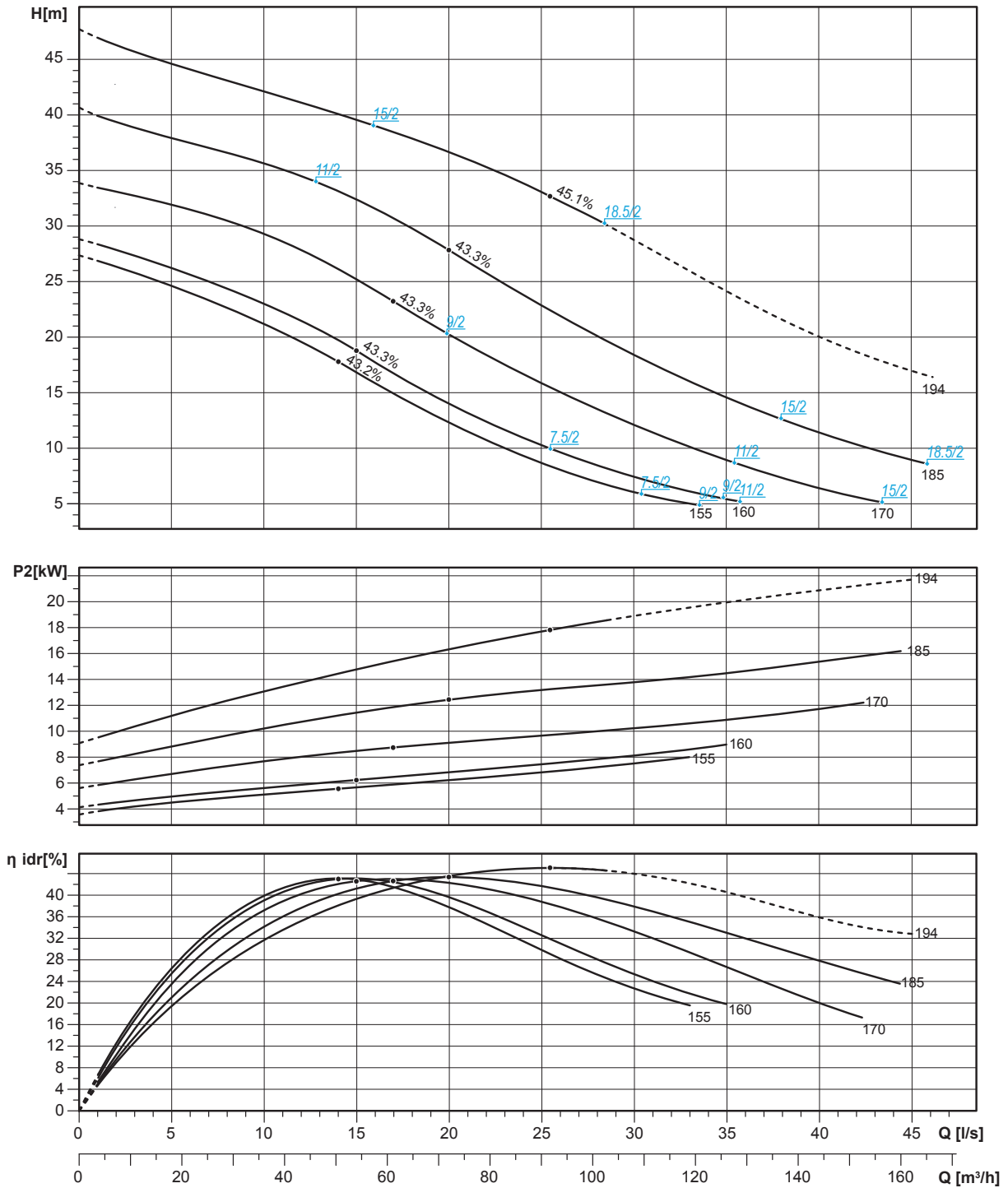
Available accessories



Product image is illustrative. Zenit reserves the right to modify the product without advance notification.

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



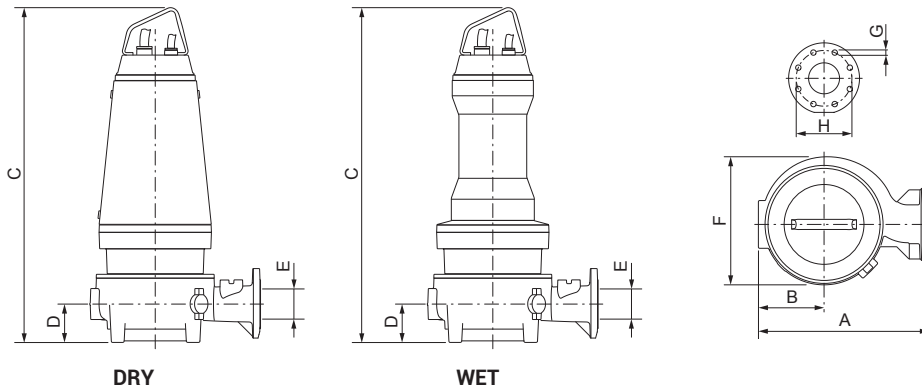
Motor

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

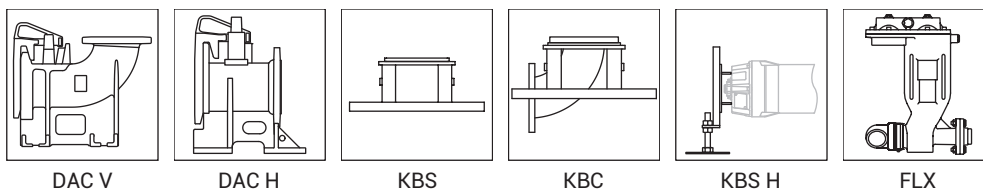
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

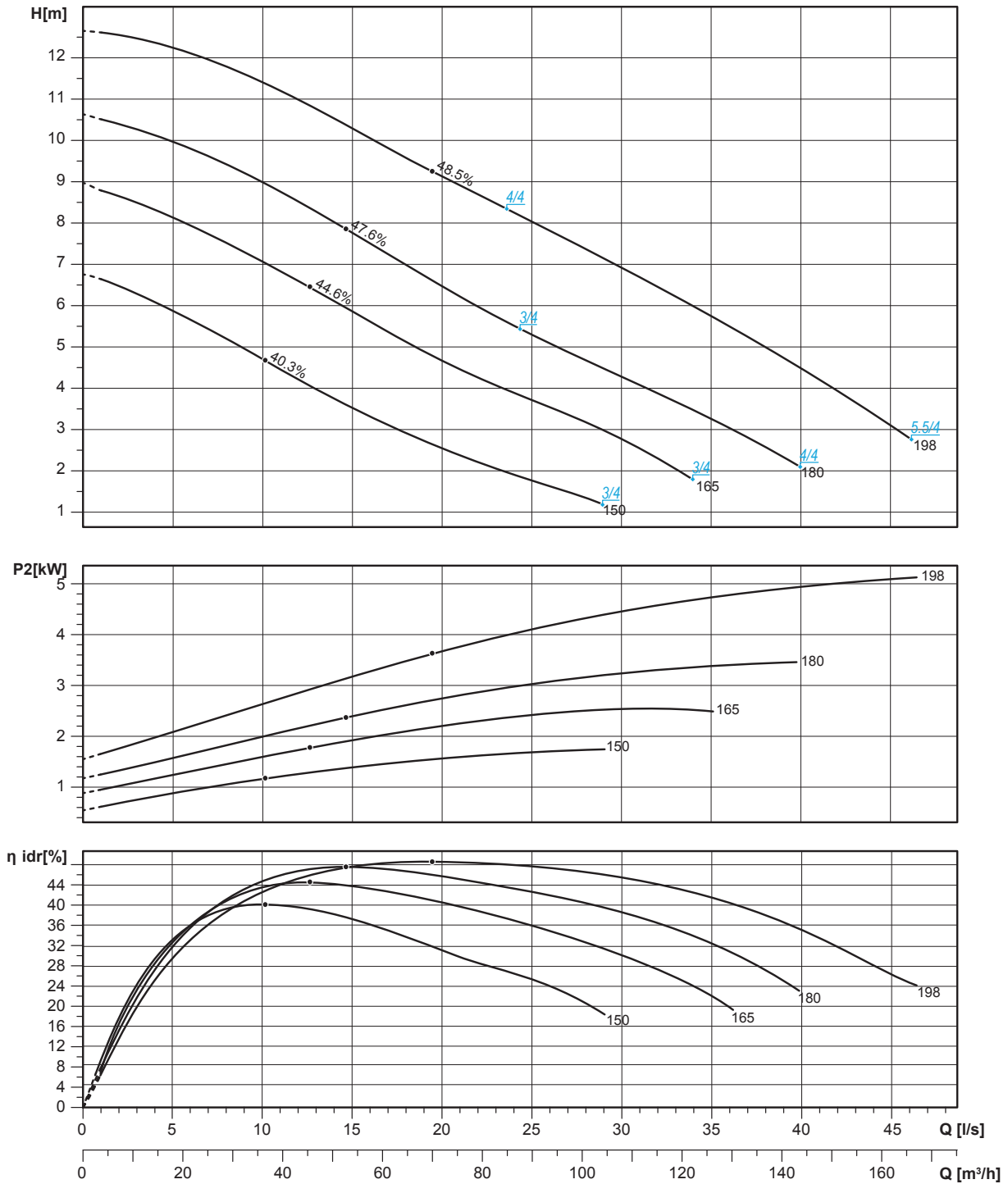
Available accessories



Product image is illustrative. Zenit reserves the right to modify the product without advance notification.

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



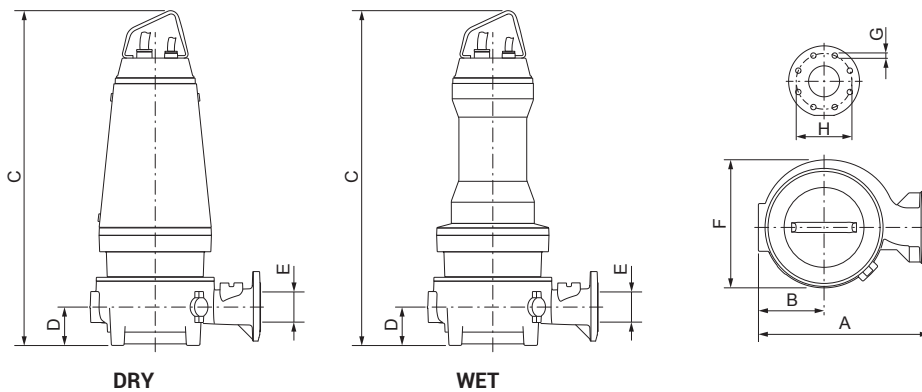
Motor

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

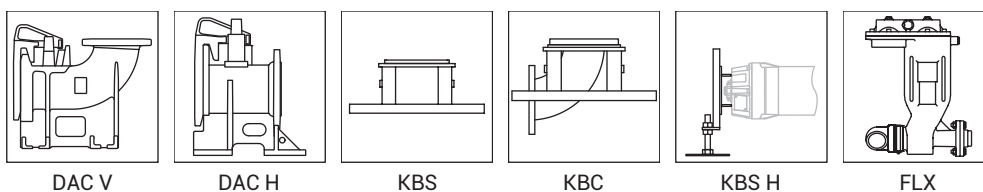
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

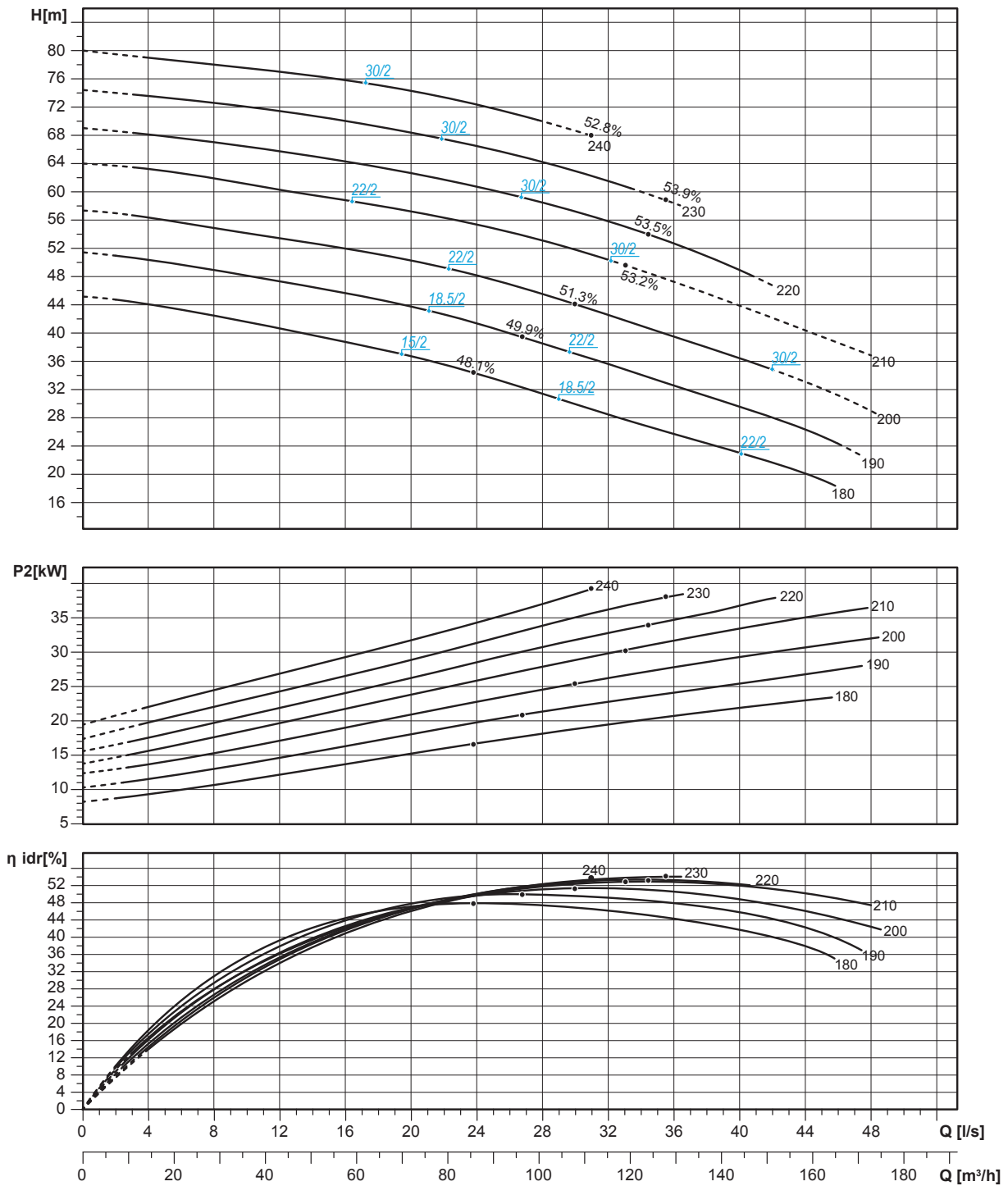
Available accessories



Product image is illustrative. Zenit reserves the right to modify the product without advance notification.

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



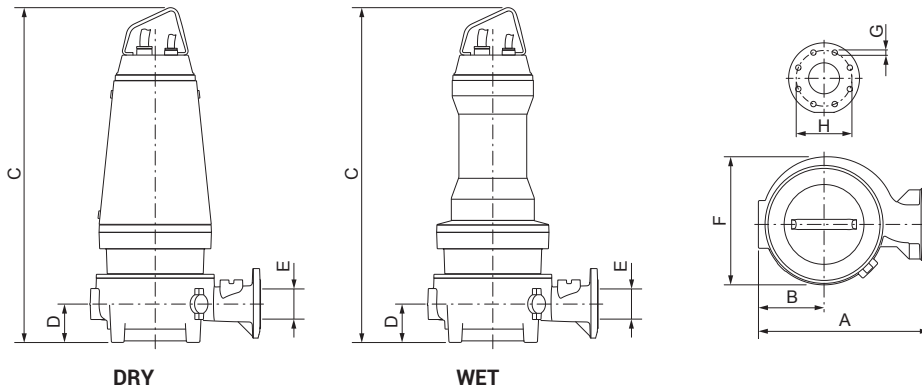
Motor

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

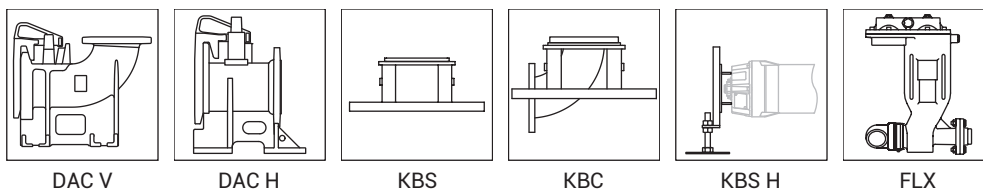
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

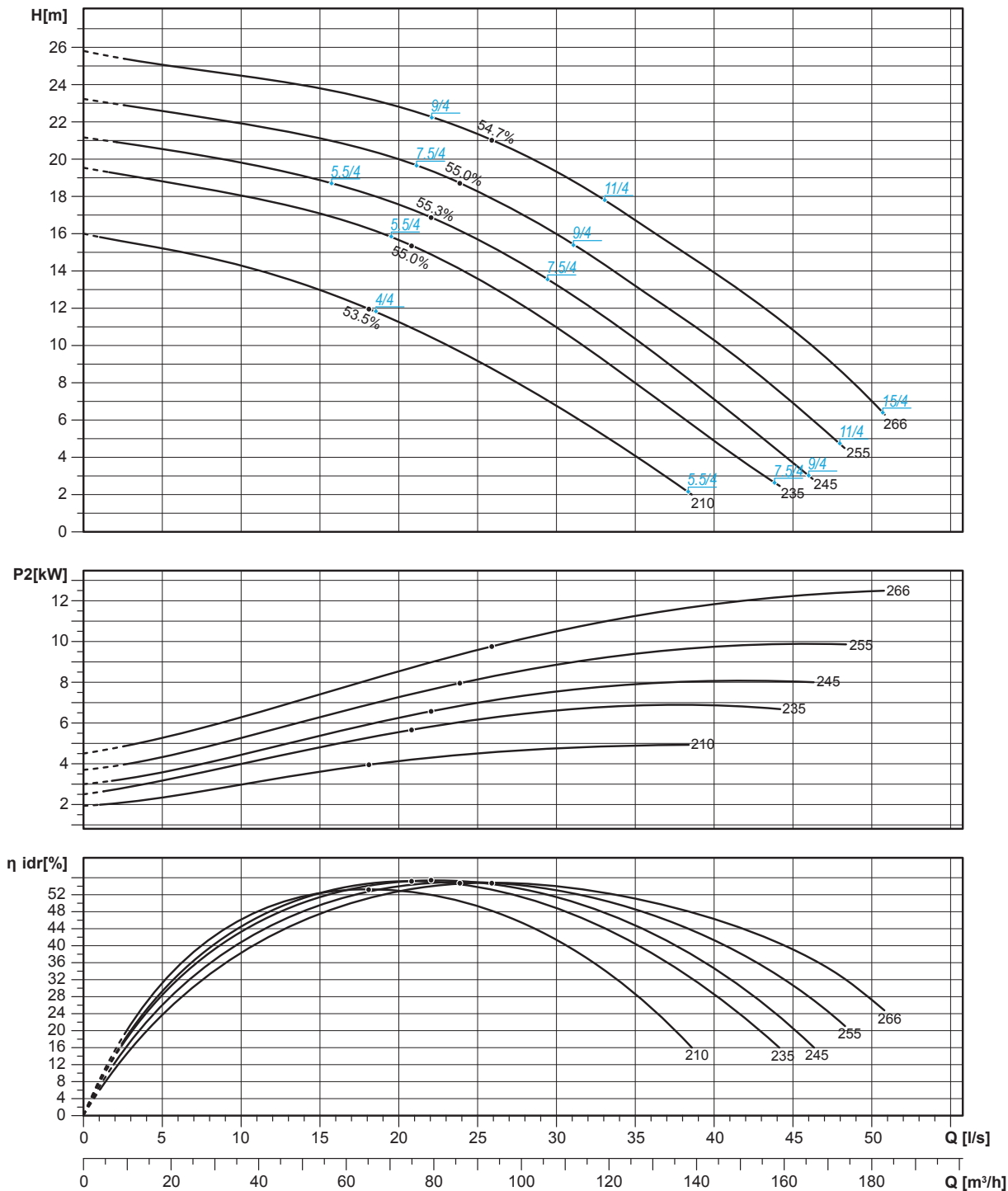
Available accessories



Product image is illustrative. Zenit reserves the right to modify the product without advance notification.

ZUG V 080D

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



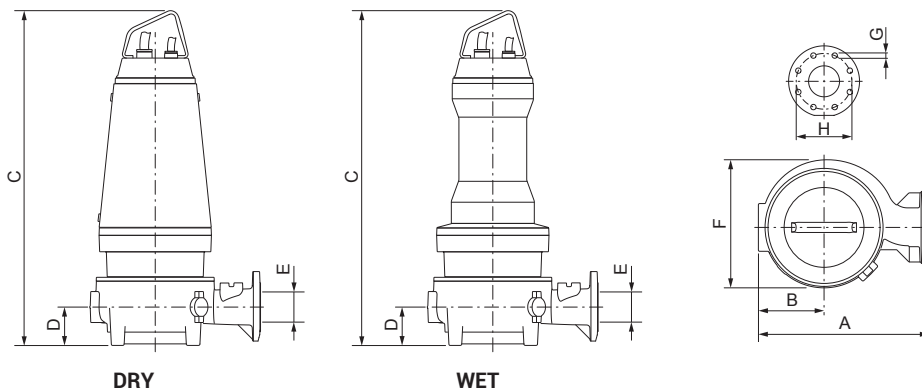
Motor

Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
15/2 A	400/3	Y Δ	26,8	0,88	16,3	15	91,9	IE3
18,5/2 A	400/3	Y Δ	33,1	0,87	20	18,5	92,4	IE3
22/2 A	400/3	Y Δ	39,3	0,87	23,7	22	92,8	IE3
30/2 A	400/3	Y Δ	53	0,88	32,2	30	93,3	IE3
37/2 H	400/3	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)

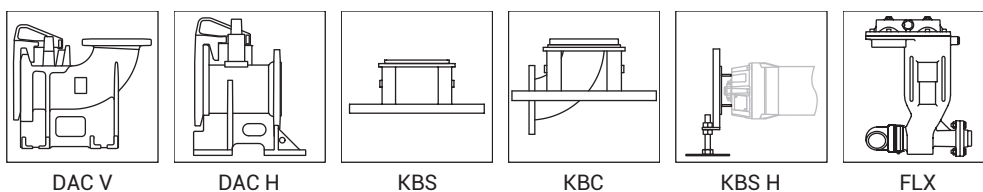
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

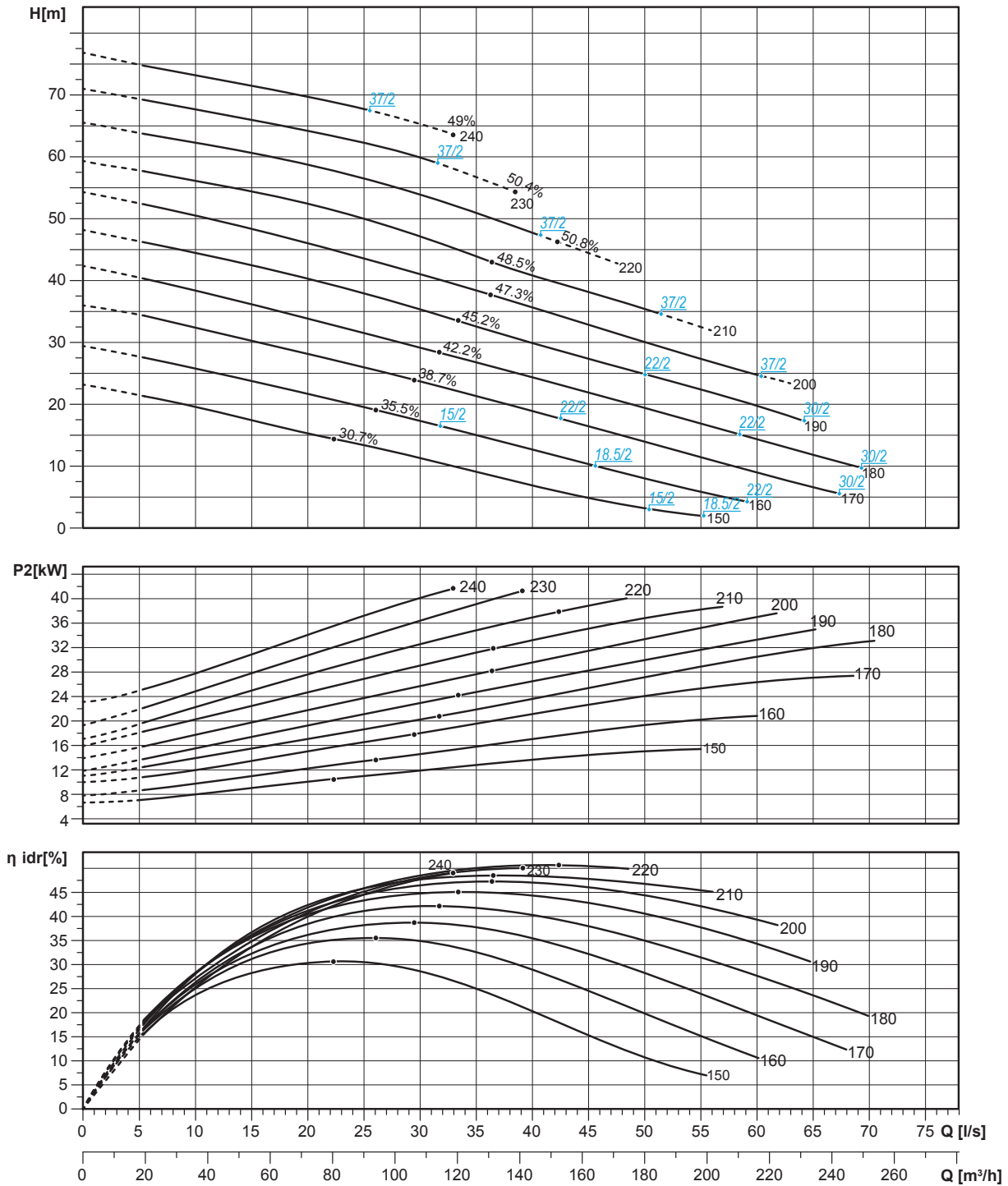
Available accessories



Product image is illustrative. Zenit reserves the right to modify the product without advance notification.

ZUG V 100A

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



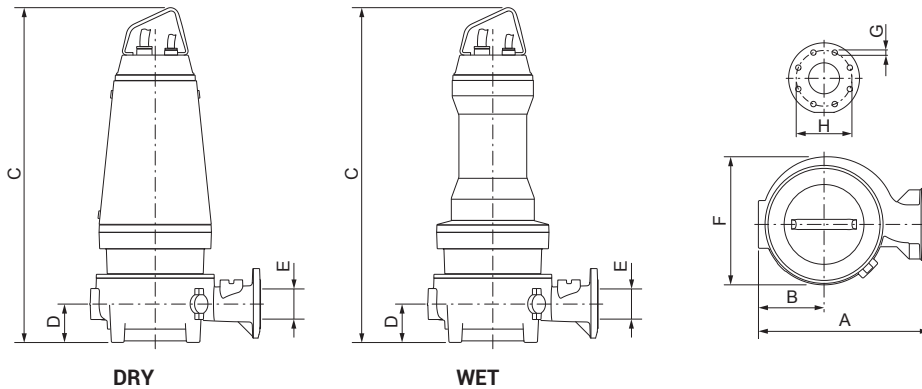
Motor

Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
3/4 A	400/3	Y Δ	6,6	0,75	3,42	3	87,7	IE3
4/4 A	400/3	Y Δ	8,45	0,77	4,5	4	88,7	IE3
5,5/4 A	400/3	Y Δ	11,65	0,76	6,1	5,5	89,6	IE3
7,5/4 A	400/3	Y Δ	14,5	0,83	8,3	7,5	90,4	IE3
9/4 A	400/3	Y Δ	18,3	0,78	9,9	9	90,8	IE3
11/4 A	400/3	Y Δ	21,2	0,82	12	11	91,4	IE3
15/4 A	400/3	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)

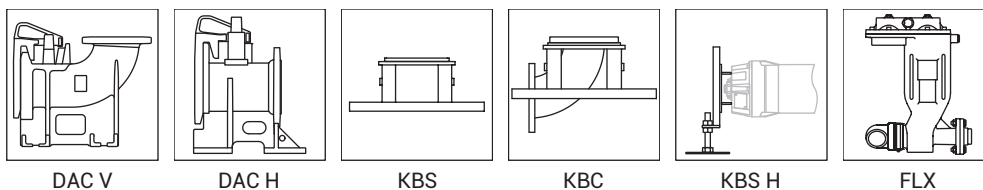
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

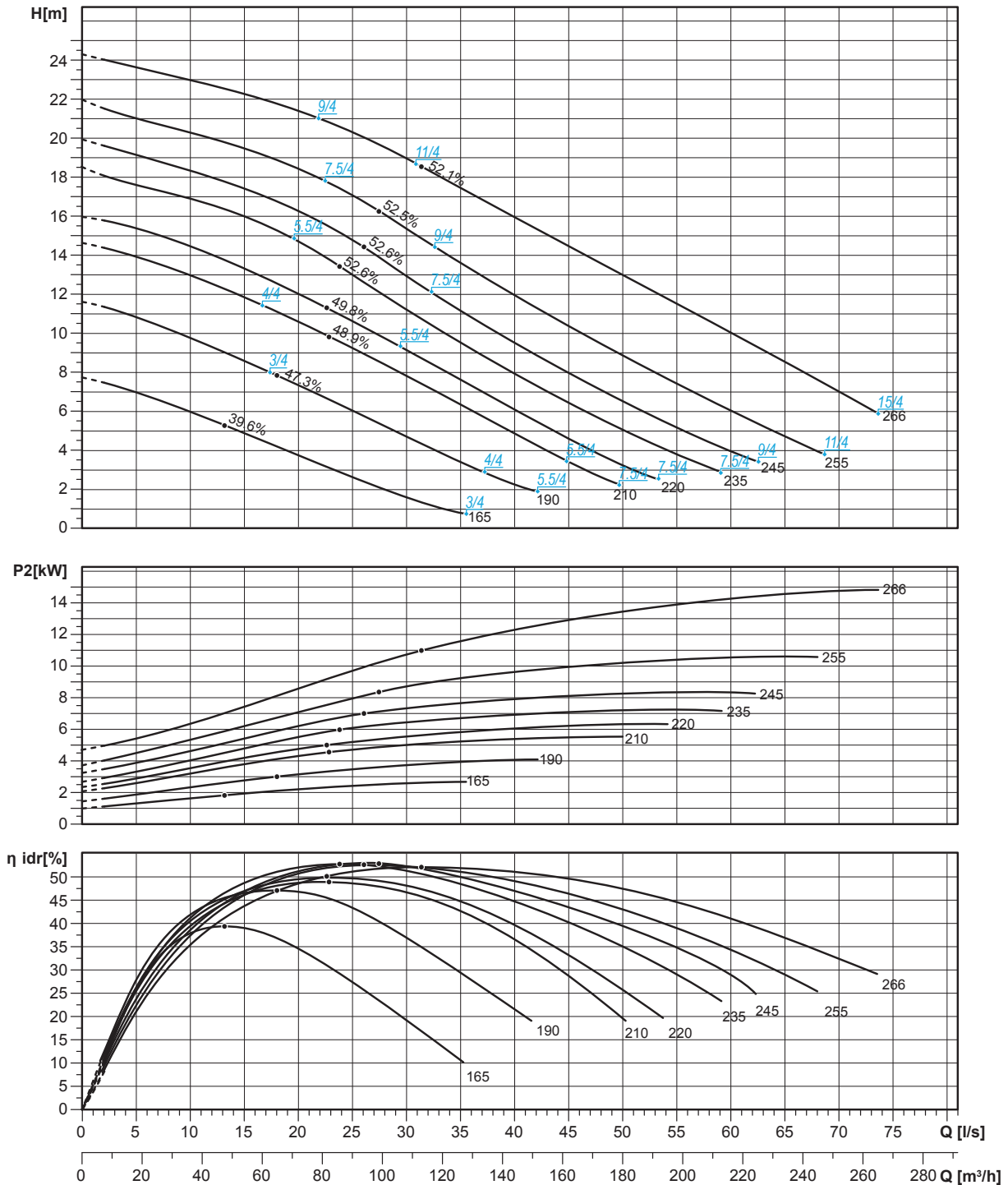
Available accessories



Product image is illustrative. Zenit reserves the right to modify the product without advance notification.

ZUG V 100B

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



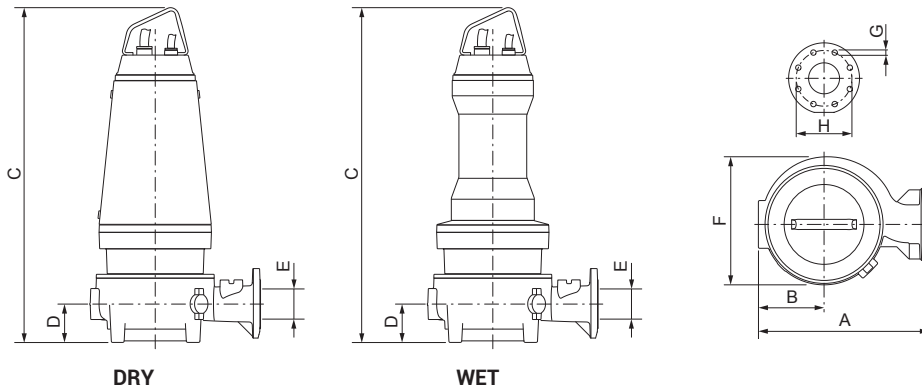
Motor

Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7,5/4 A	400/3	Y Δ	14,5	0,83	8,3	7,5	90,4	IE3
9/4 A	400/3	Y Δ	18,3	0,78	9,9	9	90,8	IE3
11/4 A	400/3	Y Δ	21,2	0,82	12	11	91,4	IE3
15/4 A	400/3	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)

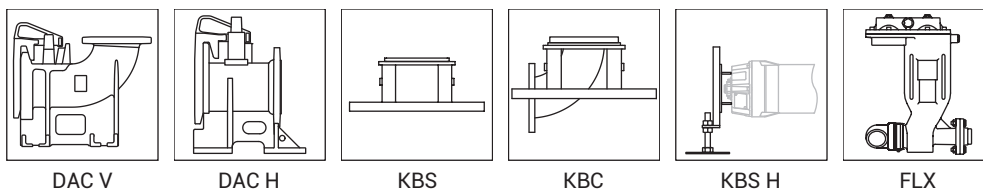
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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	401	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

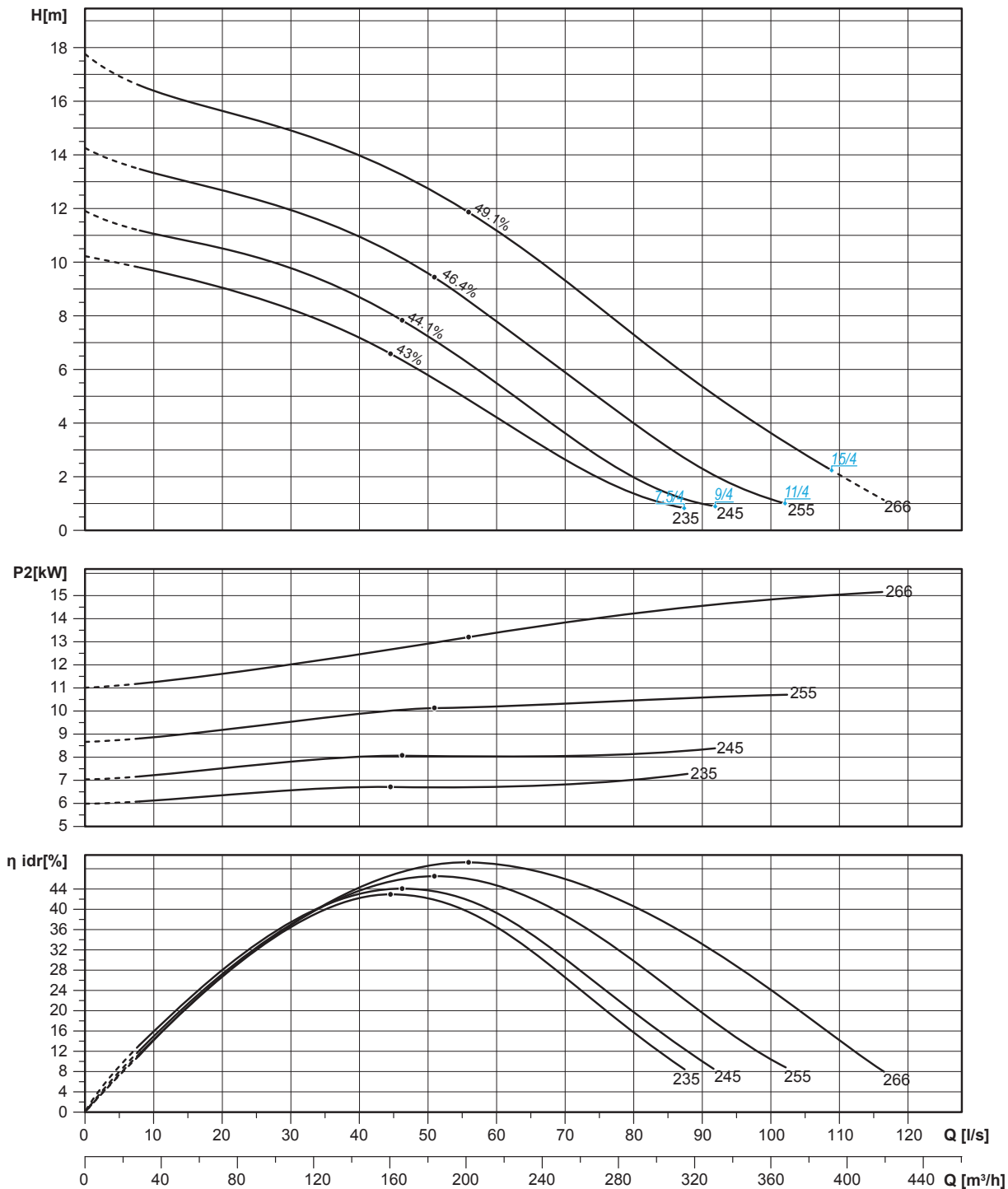
Available accessories



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ZUG V 150A

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



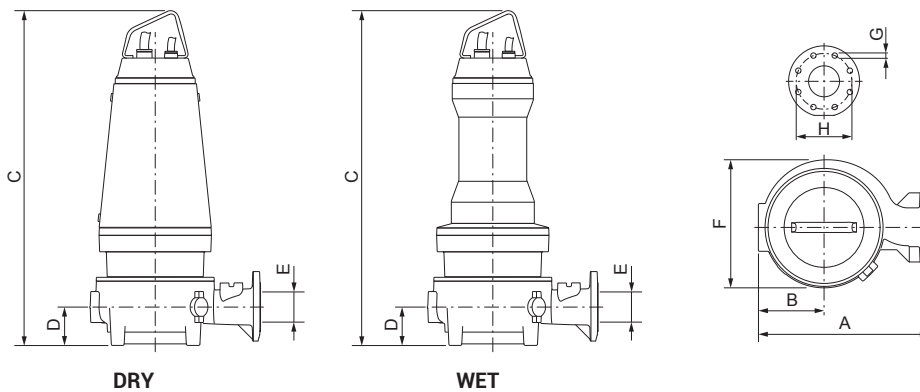
Motor

Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
15/2 A	400/3	Y Δ	26.8	0.88	16.3	15.0	91.9	IE3
18.5/2 A	400/3	Y Δ	33.1	0.87	20.0	18.5	92.4	IE3

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

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

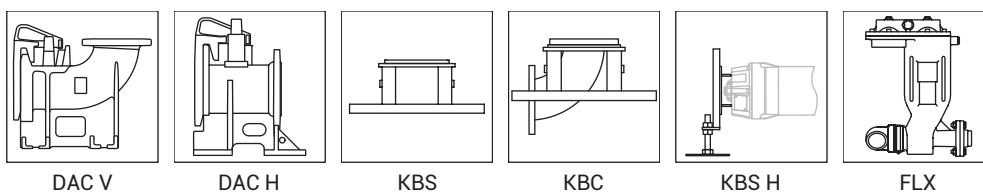
Overall dimensions and weight



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

(*) Weight for the DRY version includes cooling fluid

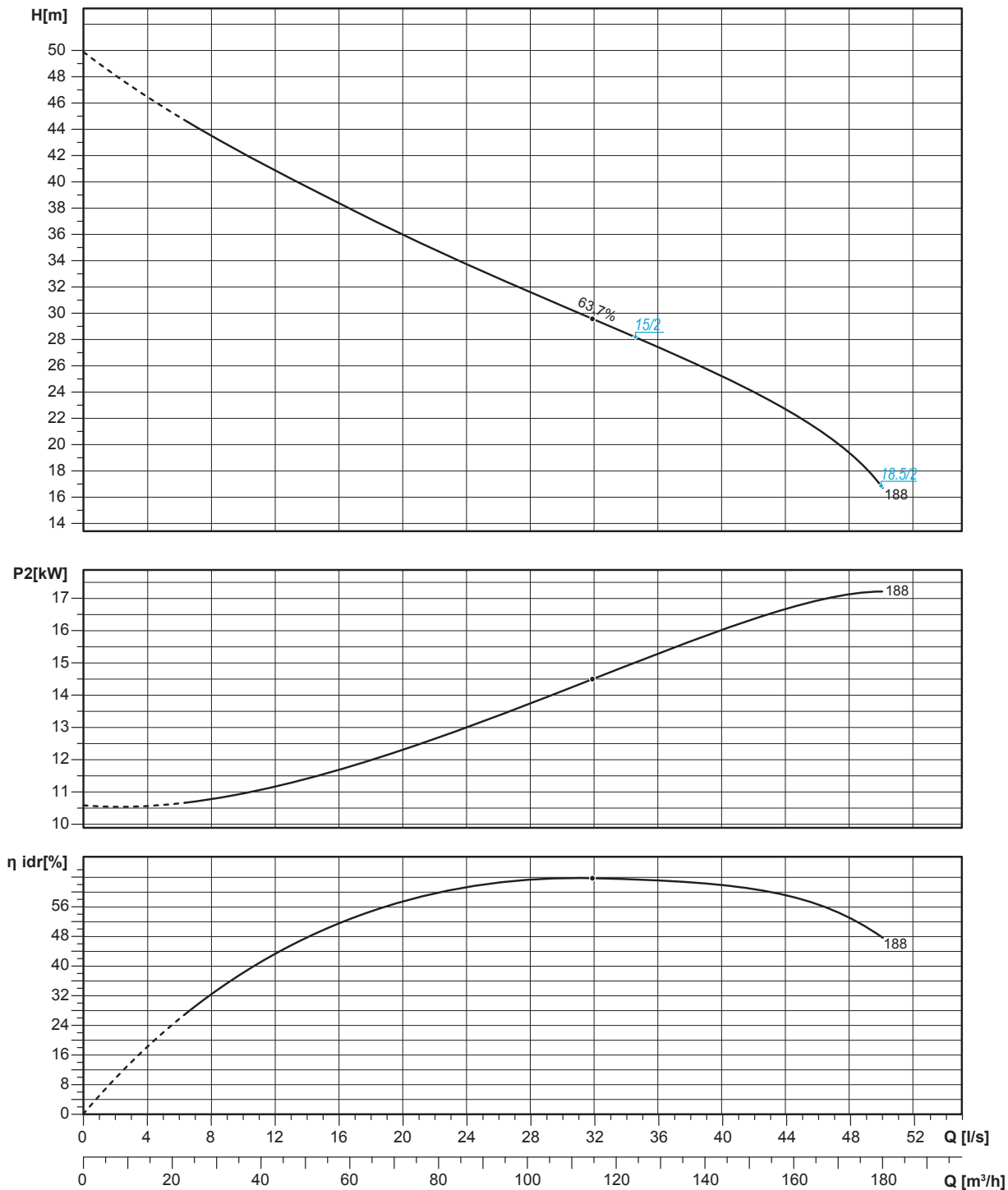
Available accessories



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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



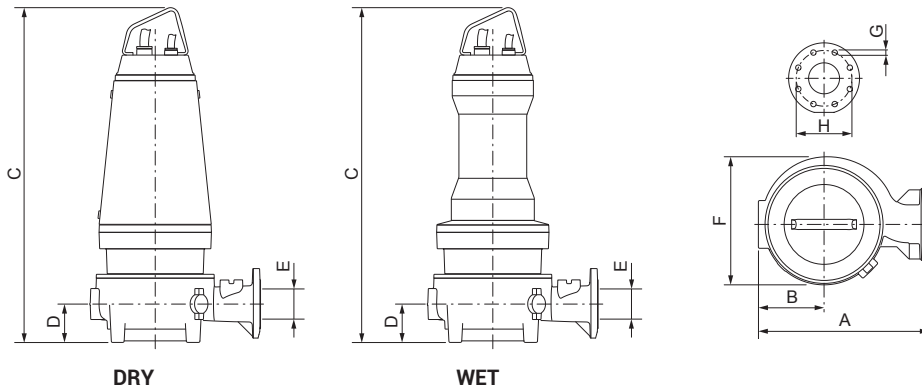
Motor

Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
3/4 A	400/3	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)

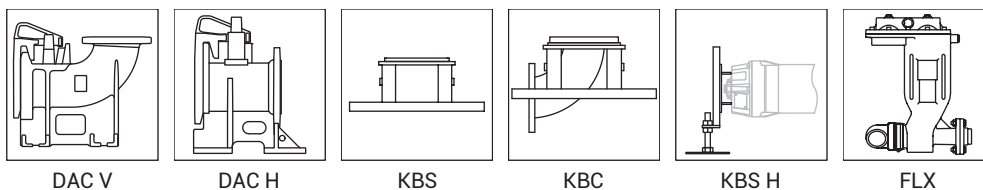
Overall dimensions and weight



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

(*) Weight for the DRY version includes cooling fluid

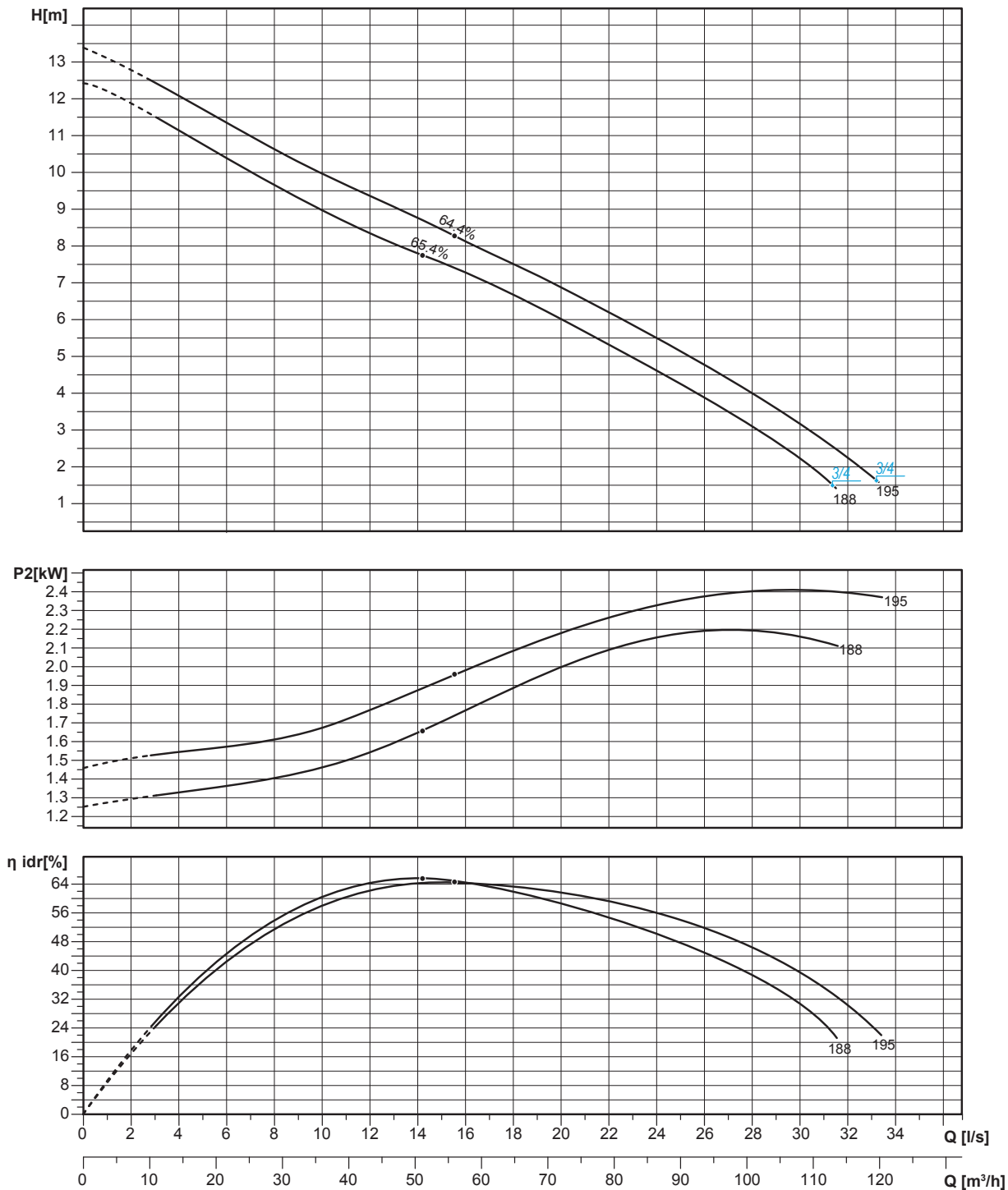
Available accessories



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ZUG OC 080G

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



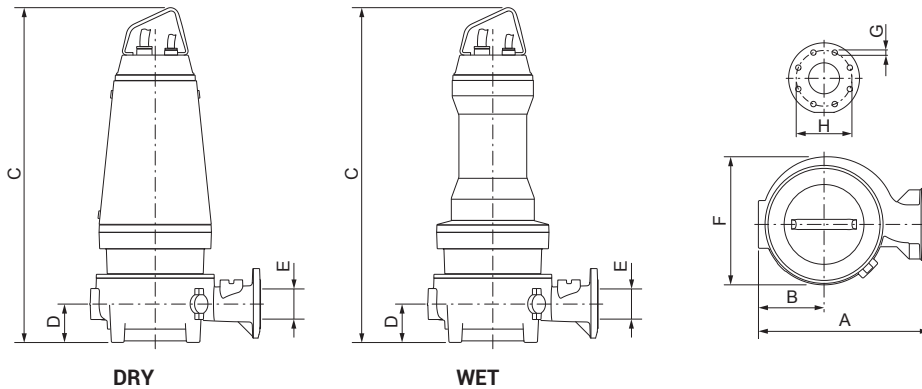
Motor

Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7.5/4 A	400/3	Y Δ	14,5	0,83	8,3	7,5	90,4	IE3
9/4 A	400/3	Y Δ	18,3	0,78	9,9	9	90,8	IE3
11/4 A	400/3	Y Δ	21,2	0,82	12	11	91,4	IE3
15/4 A	400/3	Y Δ	28,5	0,82	16,3	15	92,2	IE3
18.5/4 A	400/3	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)

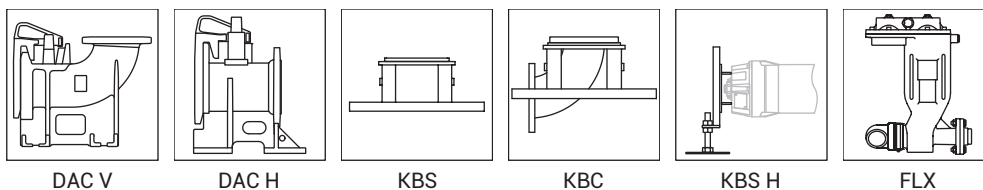
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

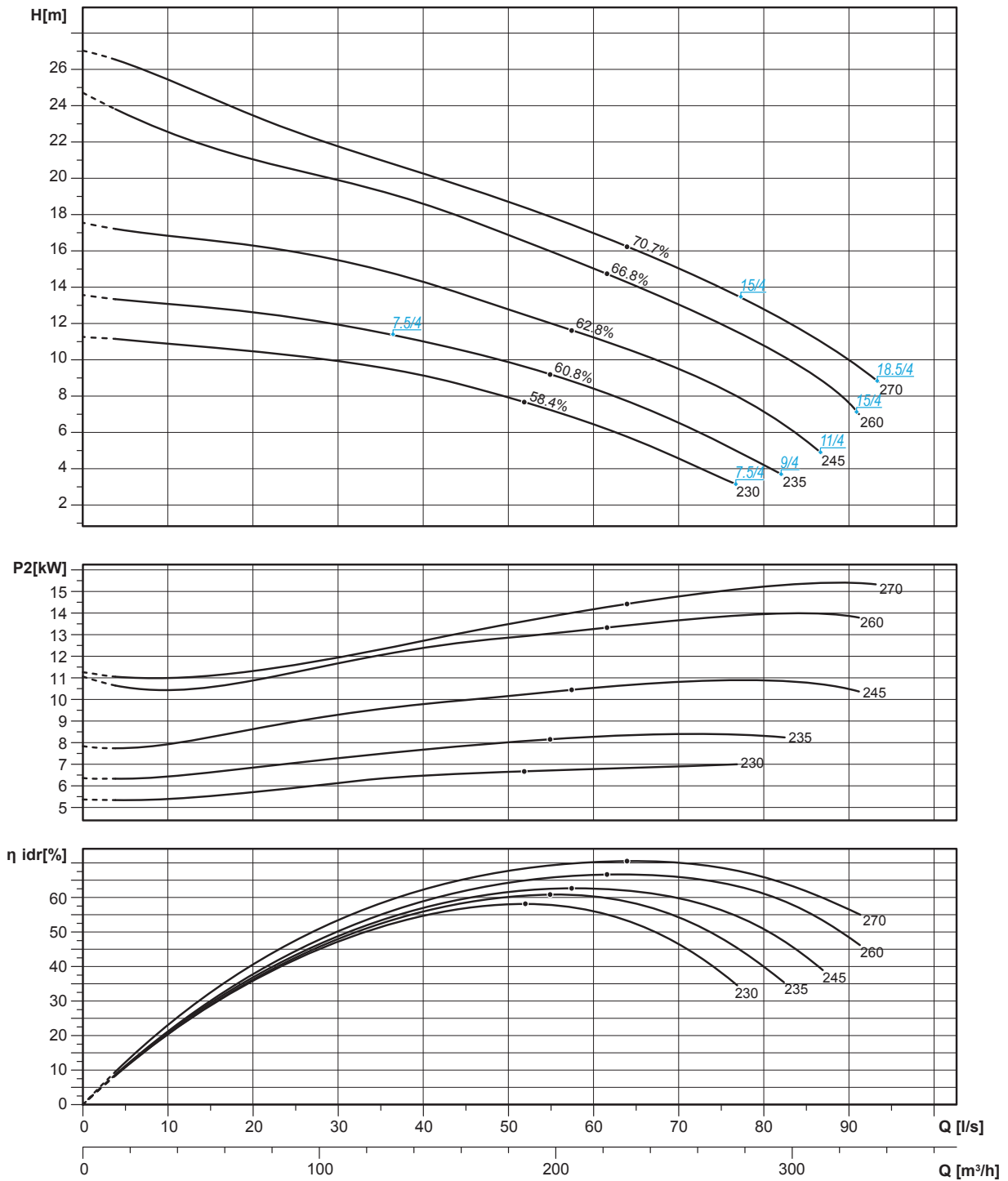
Available accessories



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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

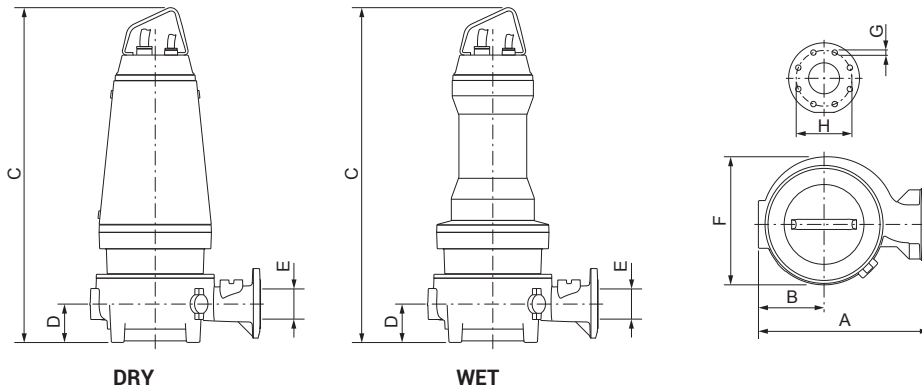


Motor

Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
11/4 A	400/3	Y Δ	21,2	0,82	12	11	91,4	IE3
15/4 A	400/3	Y Δ	28,5	0,82	16,3	15	92,2	IE3
18.5/4 A	400/3	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)

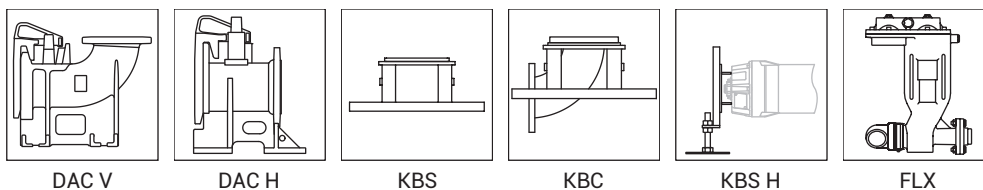
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

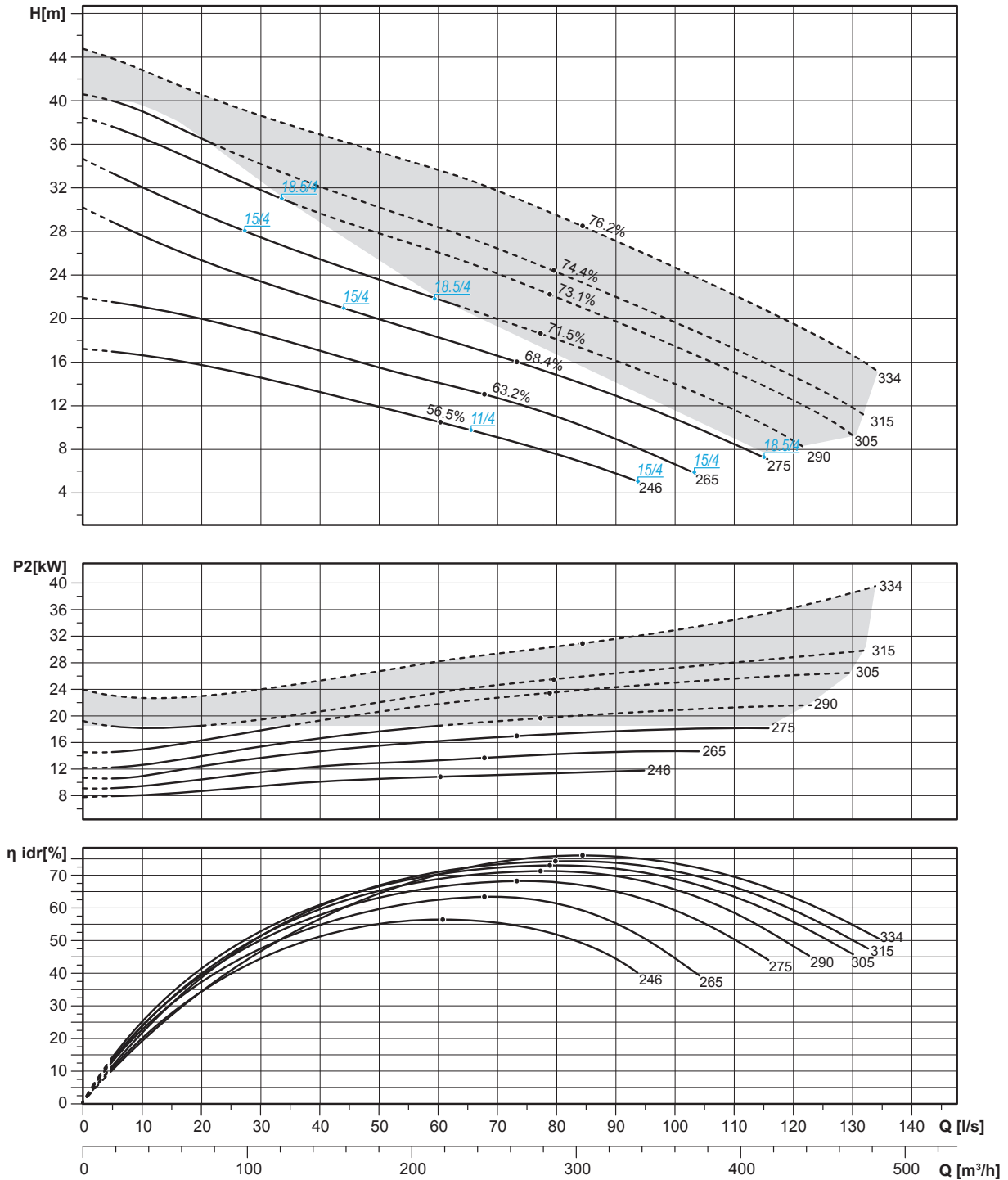


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ZUG OC 100B

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



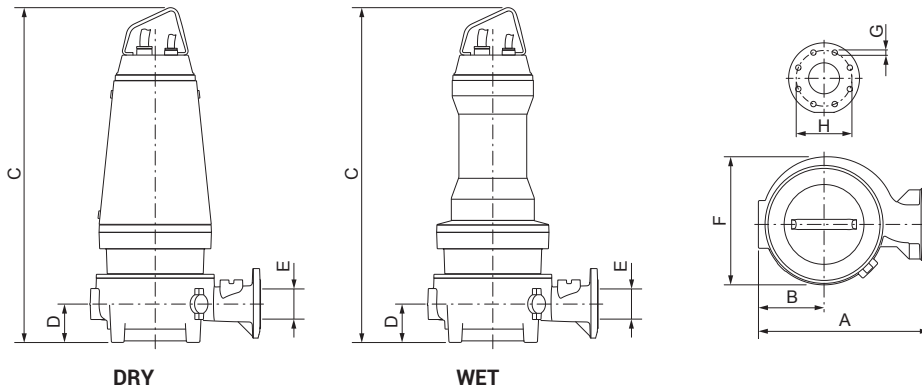
Motor

Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
4/4 A	400/3	Y Δ	8,5	0,77	4,5	4	88,7	IE3
5,5/4 A	400/3	Y Δ	11,7	0,76	6,1	5,5	89,6	IE3
7,5/4 A	400/3	Y Δ	14,5	0,83	8,3	7,5	90,4	IE3
9/4 A	400/3	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)

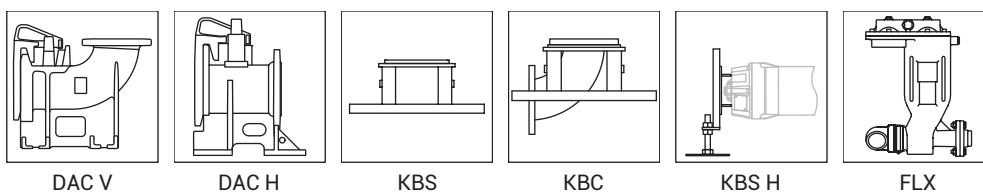
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

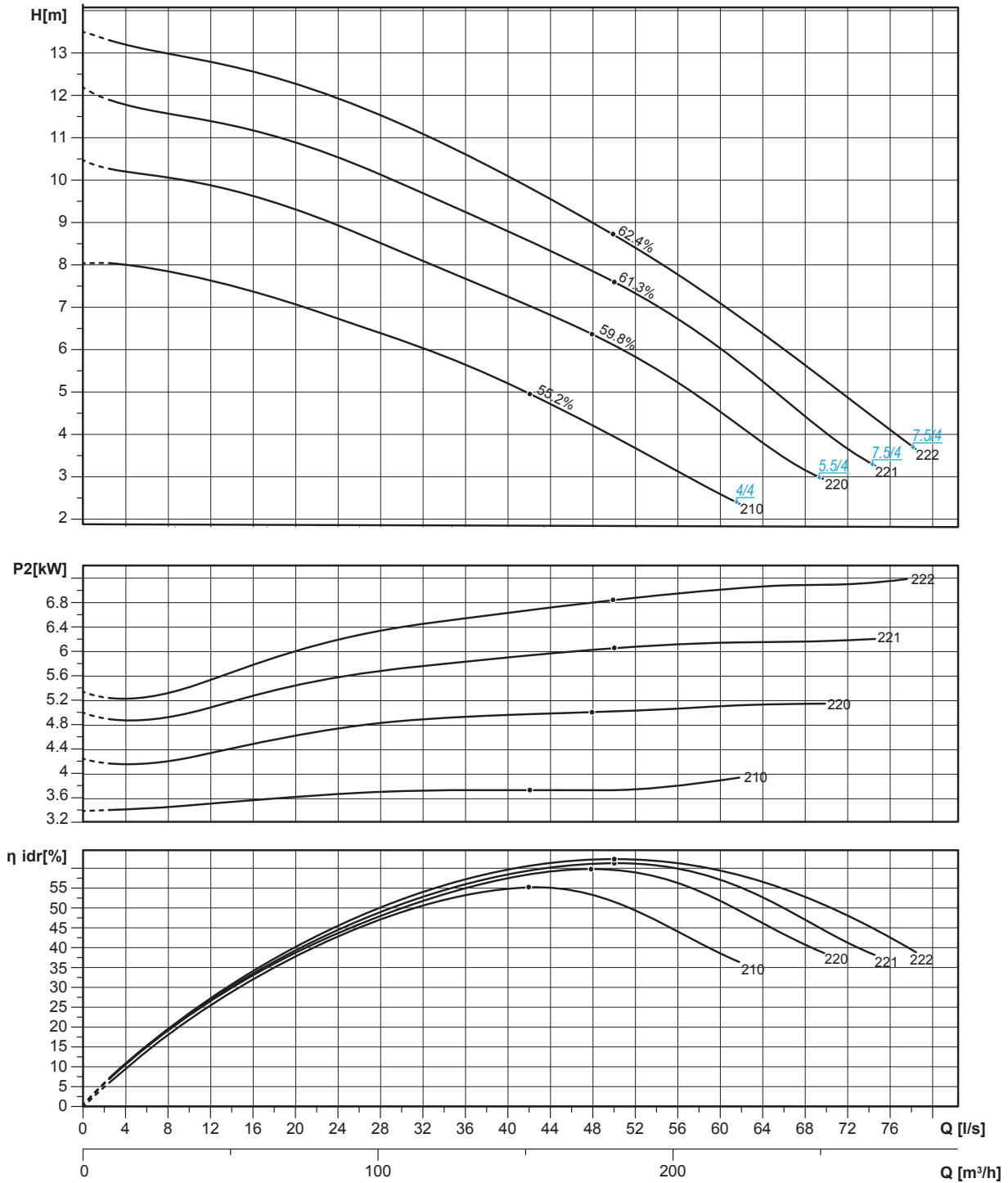
Available accessories



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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



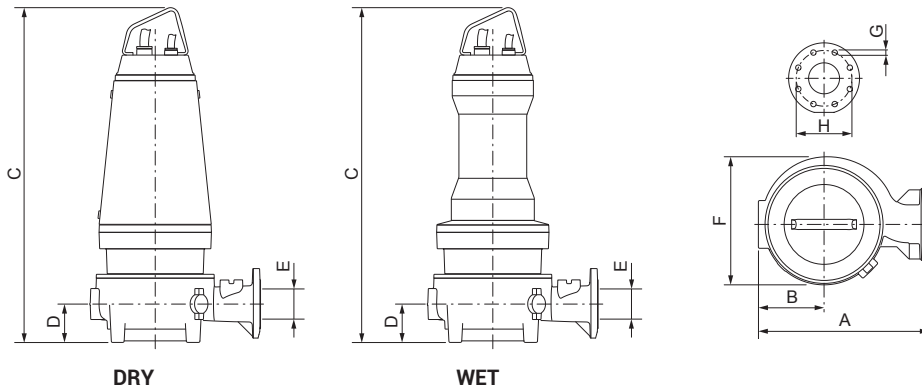
Motor

Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
3/4 A	400/3	Y Δ	6,6	0,75	3,42	3	87,7	IE3
4/4 A	400/3	Y Δ	8,5	0,77	4,5	4	88,7	IE3
5,5/4 A	400/3	Y Δ	11,7	0,76	6,1	5,5	89,6	IE3
7,5/4 A	400/3	Y Δ	14,5	0,83	8,3	7,5	90,4	IE3
9/4 A	400/3	Y Δ	18,3	0,78	9,9	9	90,8	IE3
11/4 A	400/3	Y Δ	21,2	0,82	12	11	91,4	IE3
15/4 A	400/3	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)

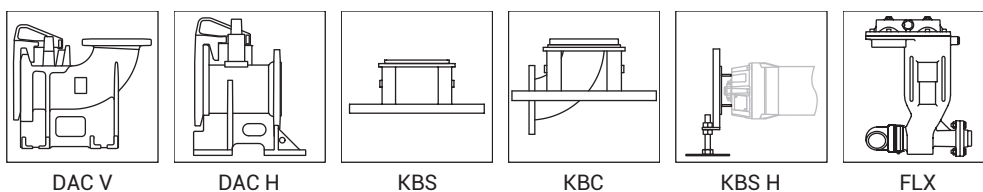
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

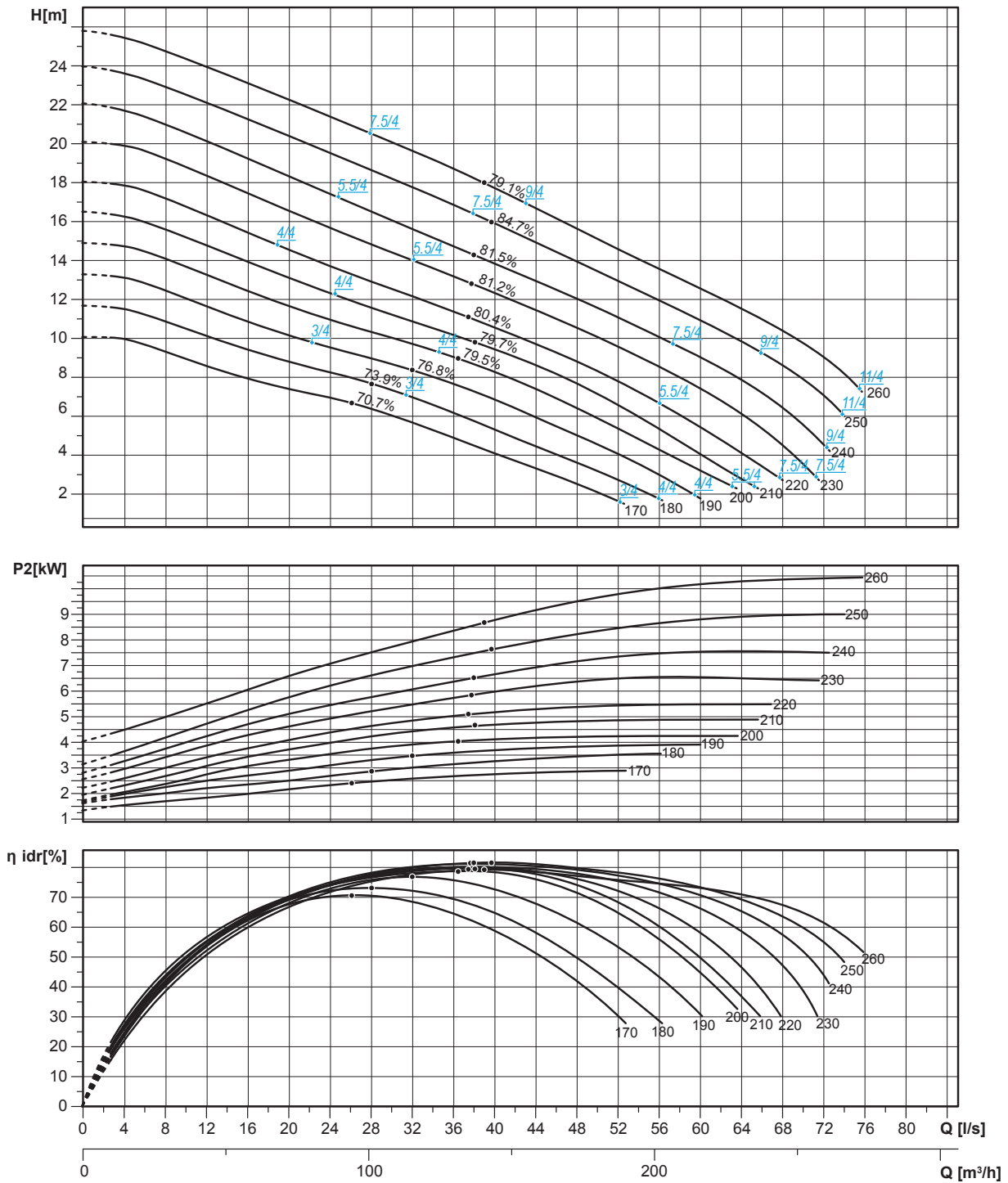
Available accessories



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ZUG OC 100F

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



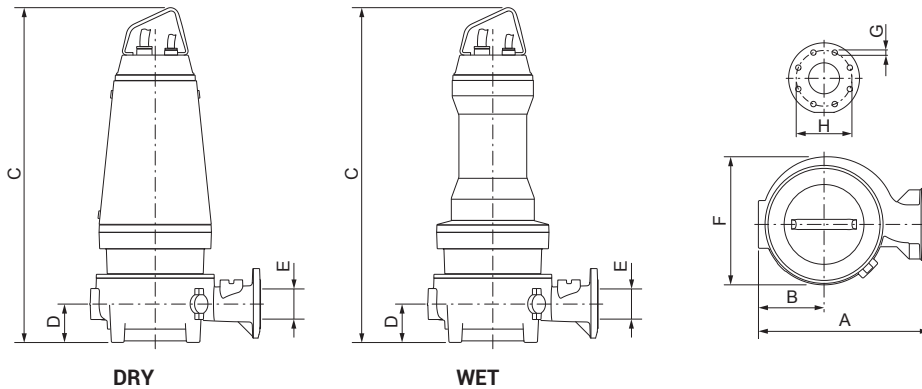
Motor

Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
3/4 A	400/3	Y Δ	6,6	0,75	3,42	3	87,7	IE3
4/4 A	400/3	Y Δ	8,5	0,77	4,5	4	88,7	IE3
5,5/4 A	400/3	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)

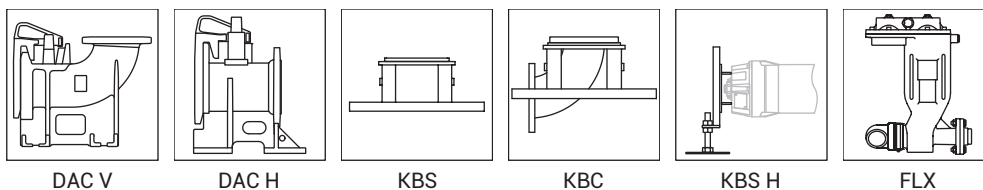
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

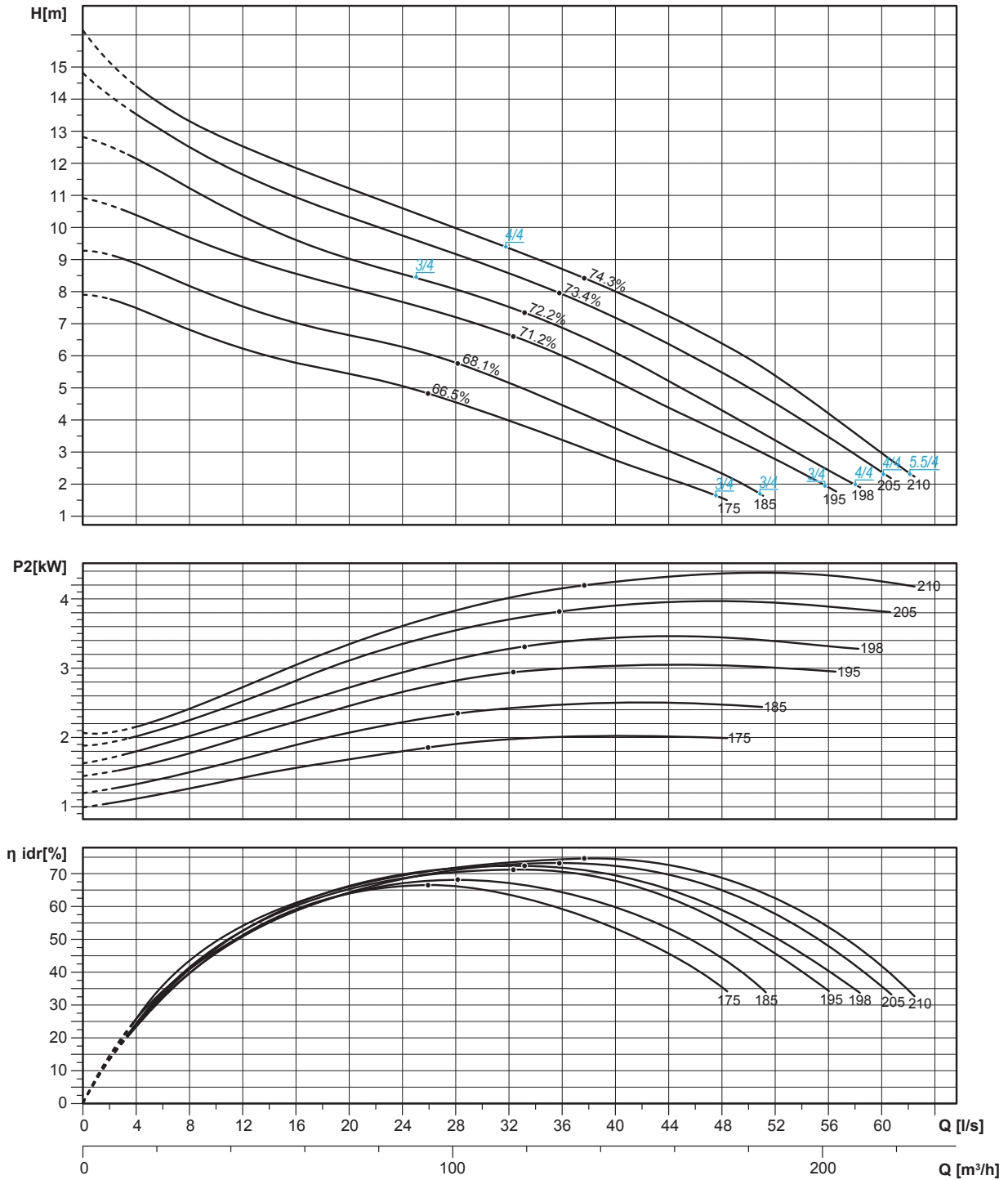
Available accessories



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ZUG OC 100J

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



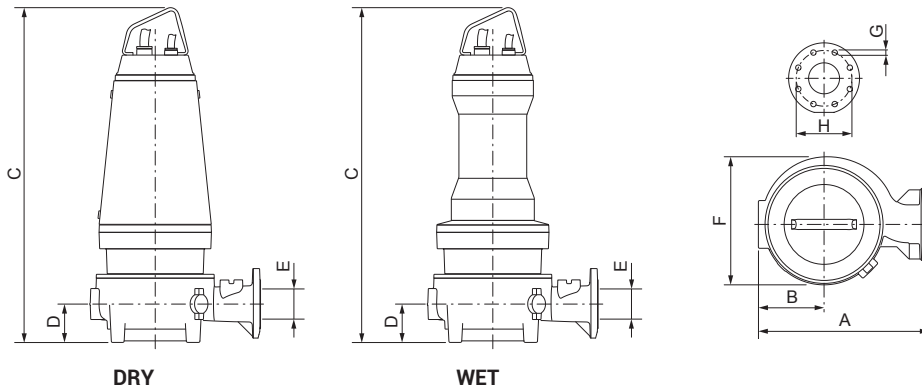
Motor

Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7,5/4 A	400/3	Y Δ	14,5	0,83	8,3	7,5	90,4	IE3
9/4 A	400/3	Y Δ	18,3	0,78	9,9	9	90,8	IE3
11/4 A	400/3	Y Δ	21,2	0,82	12	11	91,4	IE3
15/4 A	400/3	Y Δ	28,5	0,82	16,3	15	92,2	IE3
18,5/4 A	400/3	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)

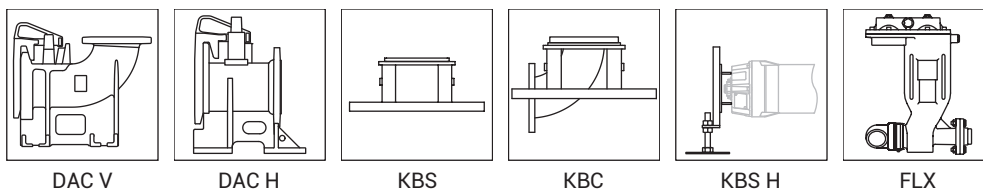
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

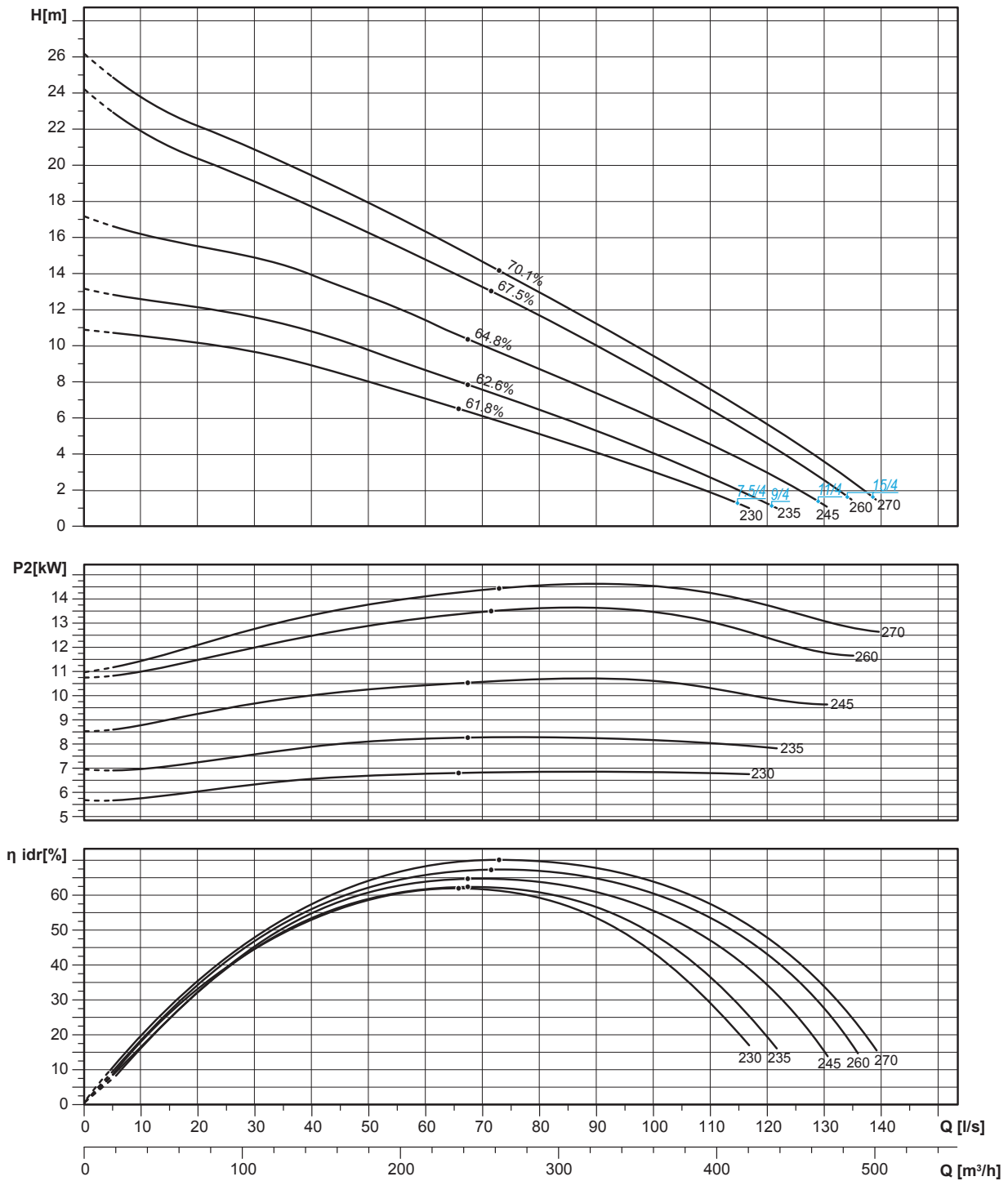
Available accessories



Product image is illustrative. Zenit reserves the right to modify the product without advance notification.

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



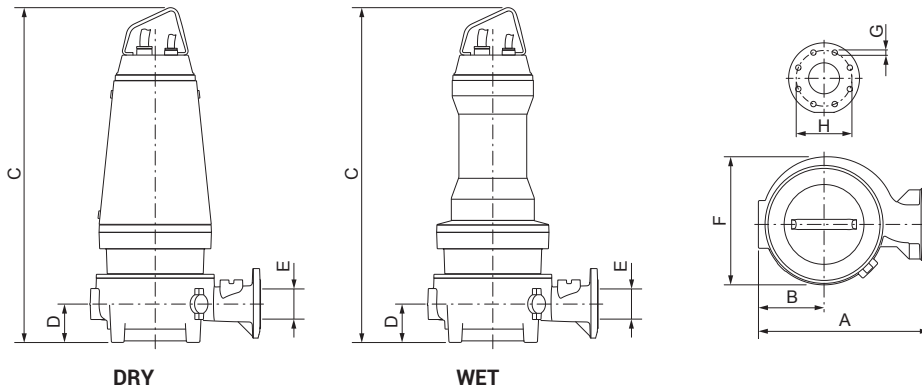
Motor

Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
3/4 A	400/3	Y Δ	6,6	0,75	3,42	3	87,7	IE3
4/4 A	400/3	Y Δ	8,5	0,77	4,5	4	88,7	IE3
5,5/4 A	400/3	Y Δ	11,7	0,76	6,1	5,5	89,6	IE3
7,5/4 A	400/3	Y Δ	14,5	0,83	8,3	7,5	90,4	IE3
9/4 A	400/3	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)

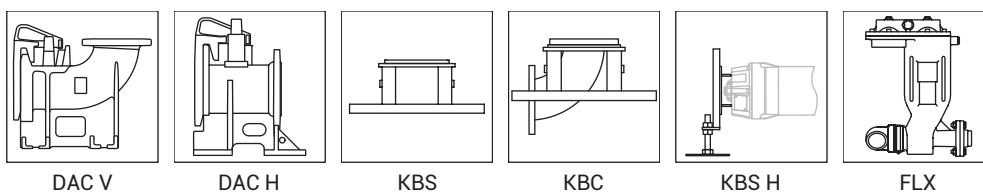
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

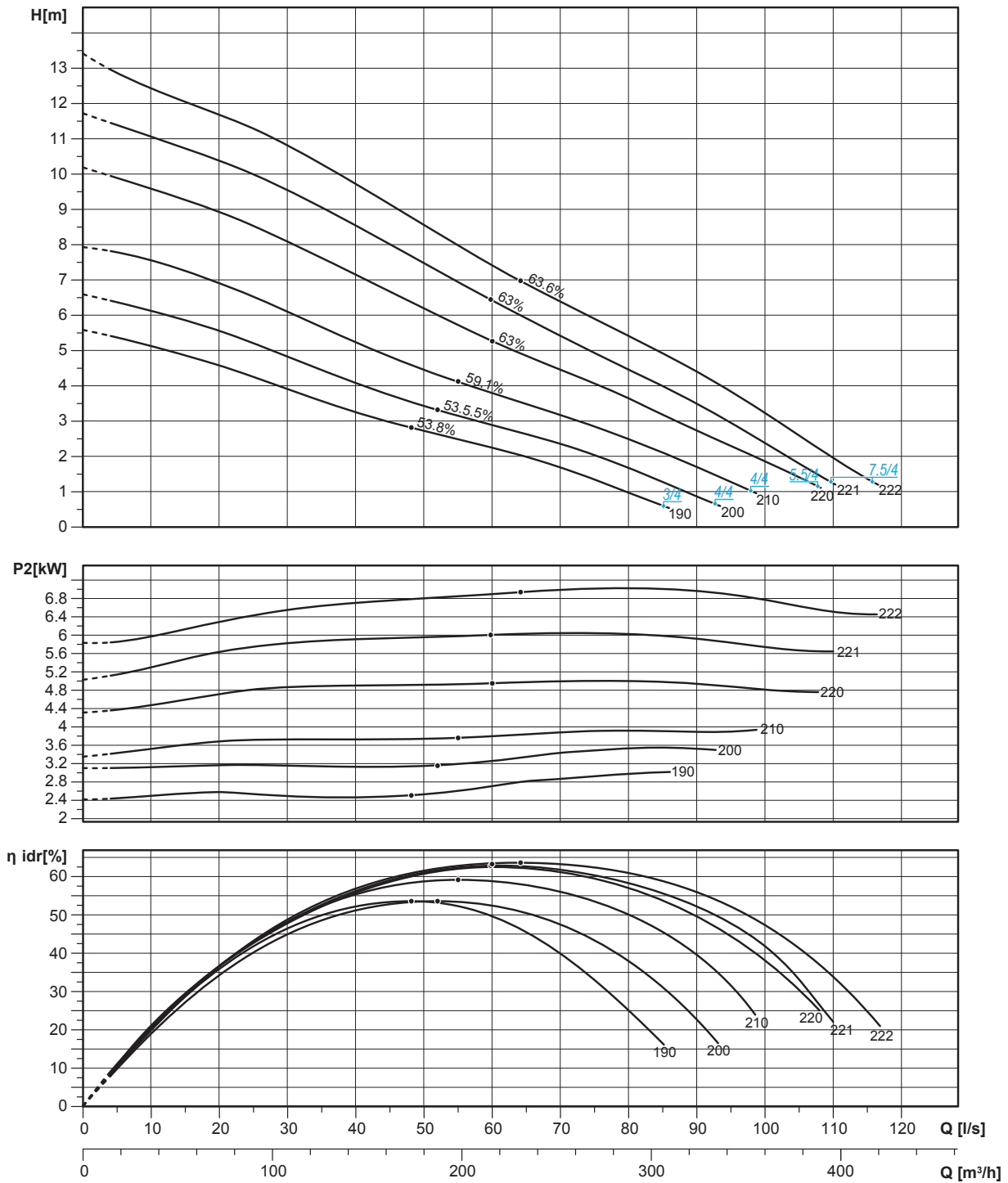
Available accessories



Product image is illustrative. Zenit reserves the right to modify the product without advance notification.

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

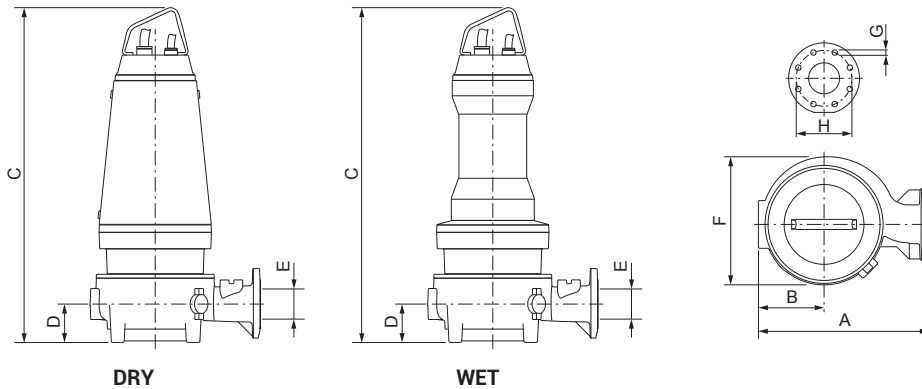


Motor

Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
11/4 A	400/3	Y Δ	21,2	0,82	12	11	91,4	IE3
15/4 A	400/3	Y Δ	28,5	0,82	16,3	15	92,2	IE3
18,5/4 A	400/3	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)

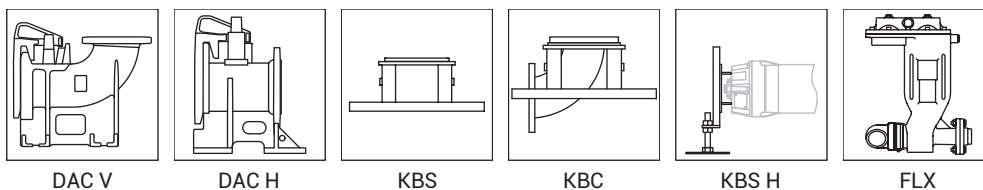
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

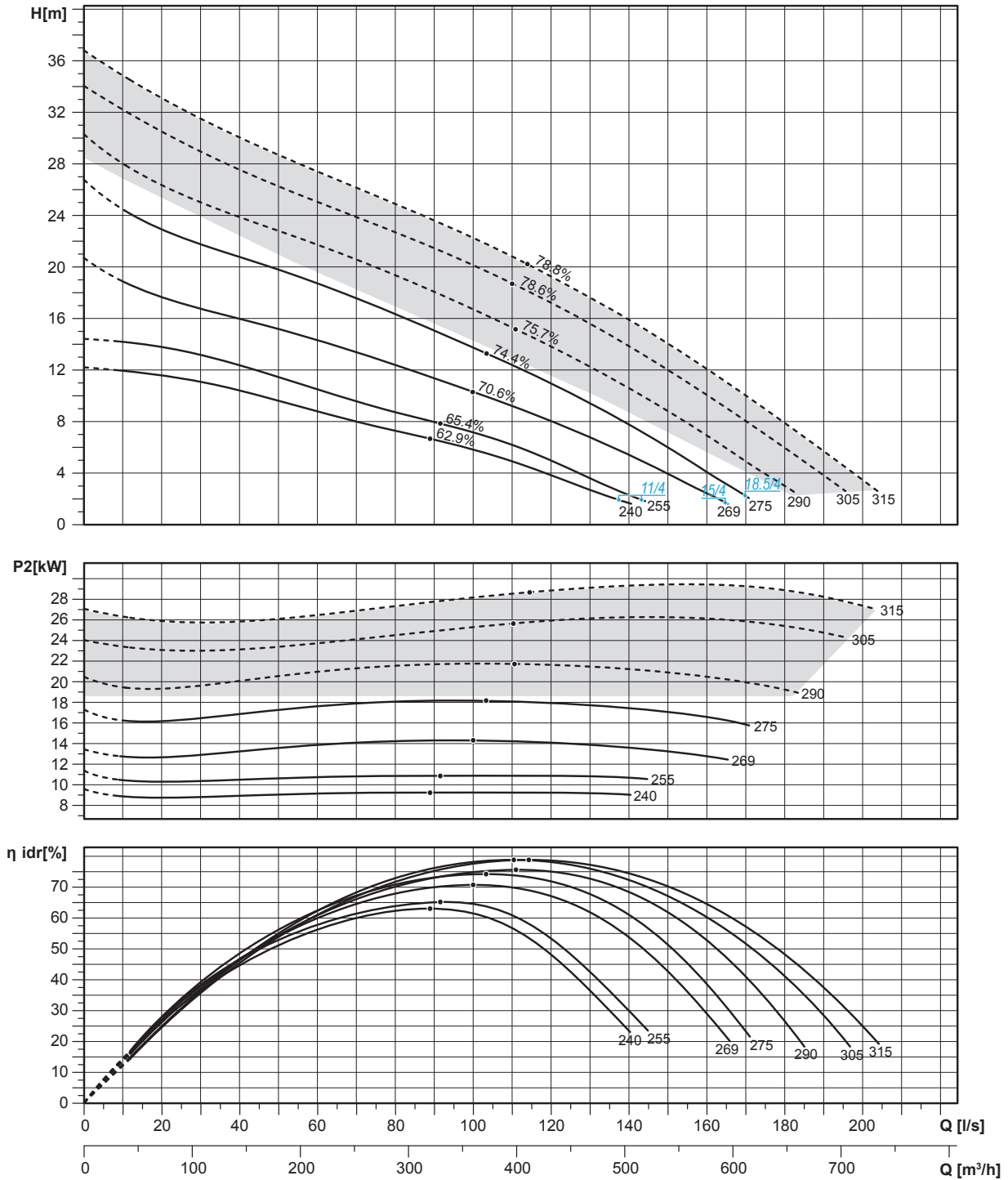


Product image is illustrative. Zenit reserves the right to modify the product without advance notification.

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

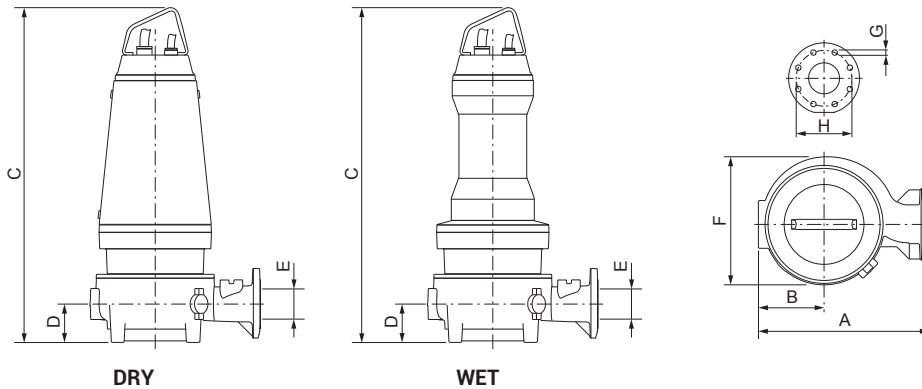


Motor

Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
11/4 A	400/3	Y Δ	21,2	0,82	12	11	91,4	IE3
15/4 A	400/3	Y Δ	28,5	0,82	16,3	15	92,2	IE3
18,5/4 A	400/3	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)

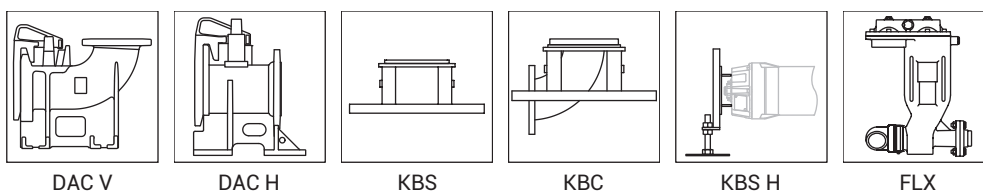
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

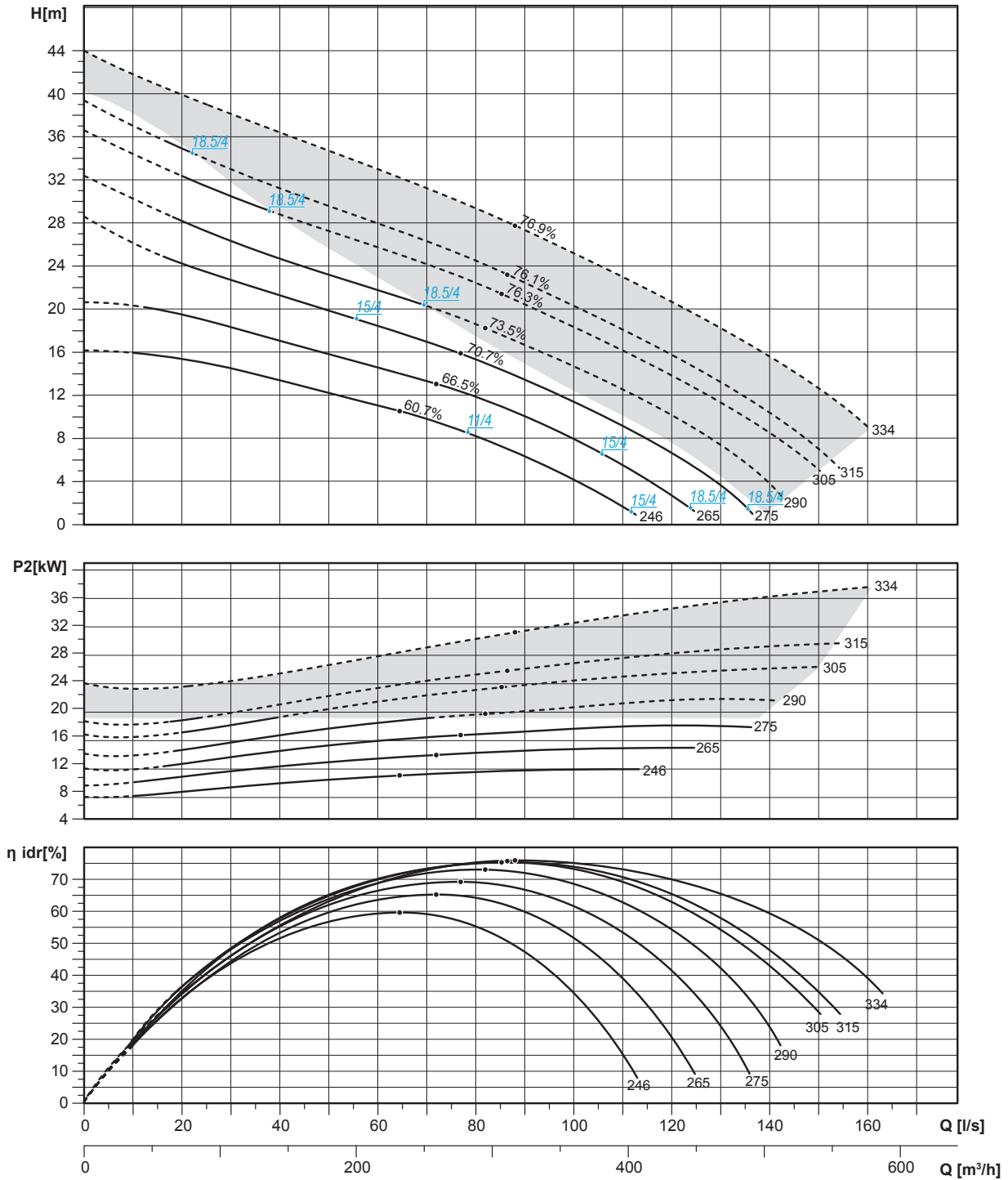


Product image is illustrative. Zenit reserves the right to modify the product without advance notification.

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

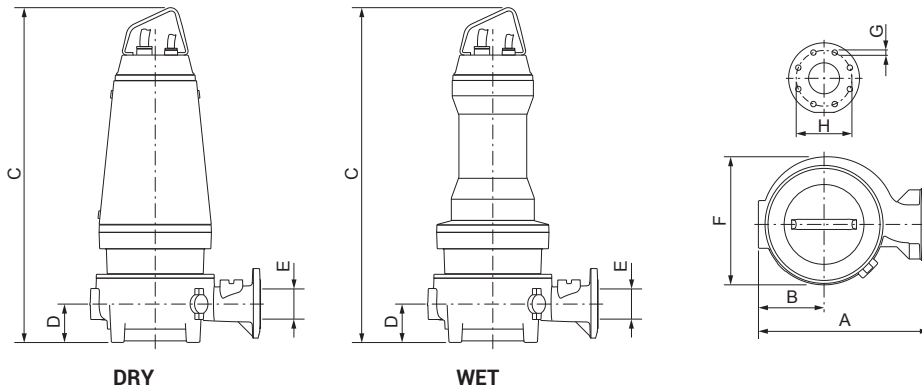


Motor

Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7,5/6 A	400/3	Y Δ	16,2	0,75	8,4	7,5	89,1	IE3
9/6 A	400/3	Y Δ	19,8	0,73	10	9	89,7	IE3
11/6 A	400/3	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)

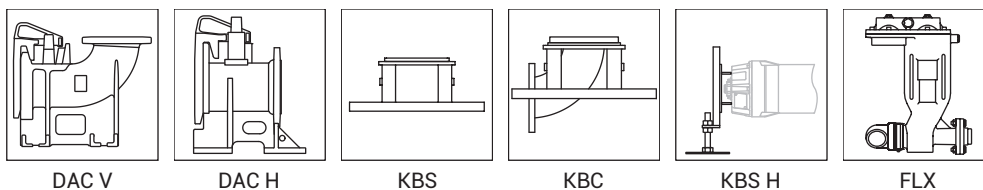
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

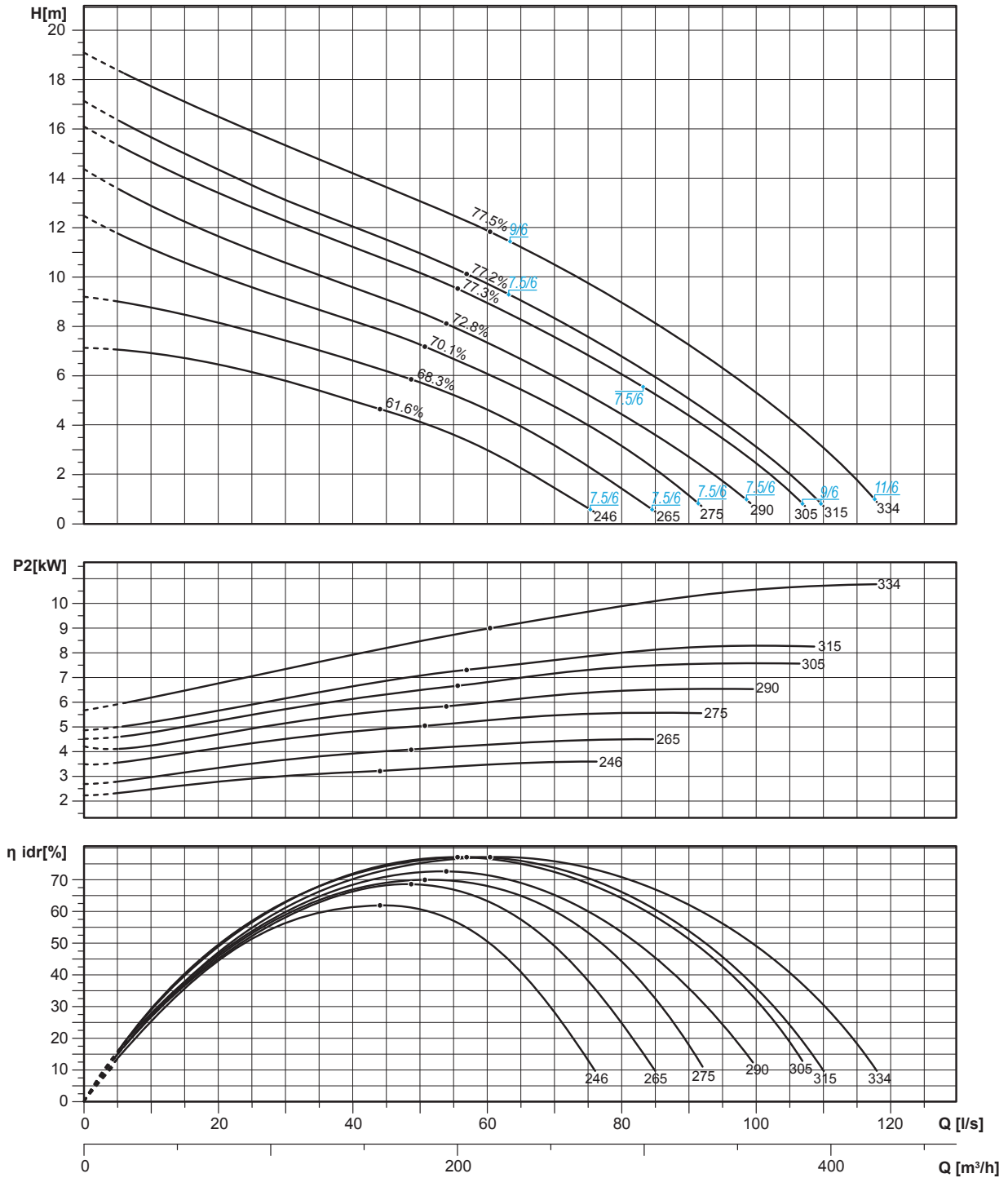
Available accessories



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ZUG OC 150G

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



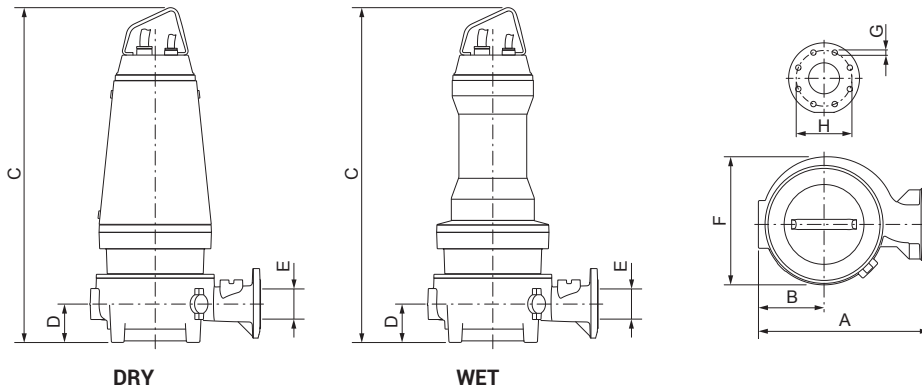
Motor

Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7,5/6 A	400/3	Y Δ	16,2	0,75	8,4	7,5	89,1	IE3
9/6 A	400/3	Y Δ	19,8	0,73	10	9	89,7	IE3
11/6 A	400/3	Y Δ	22,7	0,77	12,2	11	90,3	IE3
13/6 H	400/3	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)

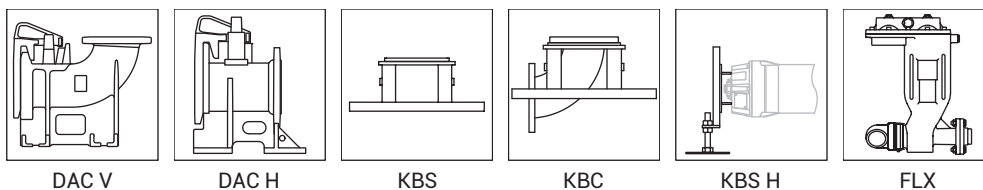
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

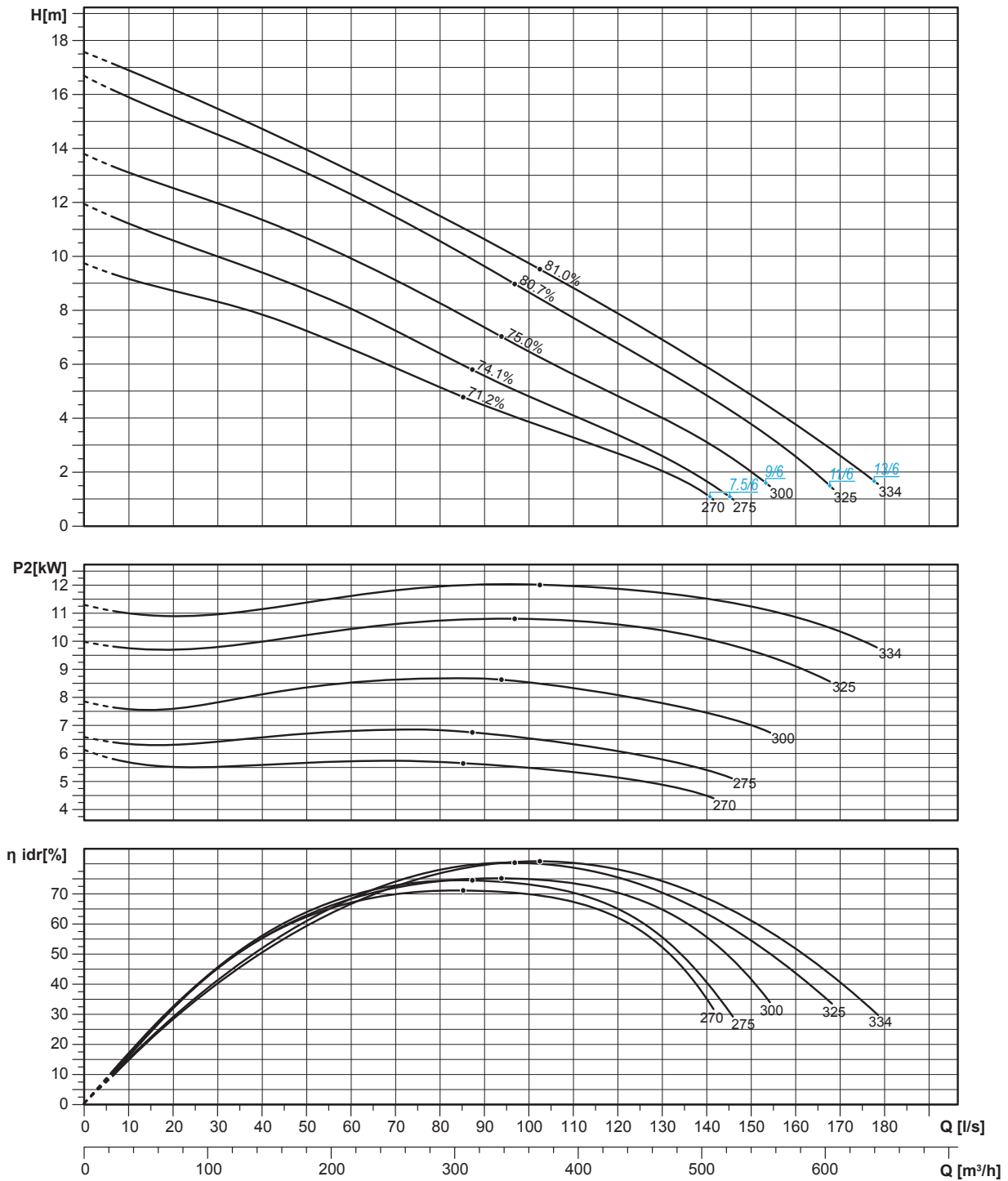
Available accessories



Product image is illustrative. Zenit reserves the right to modify the product without advance notification.

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

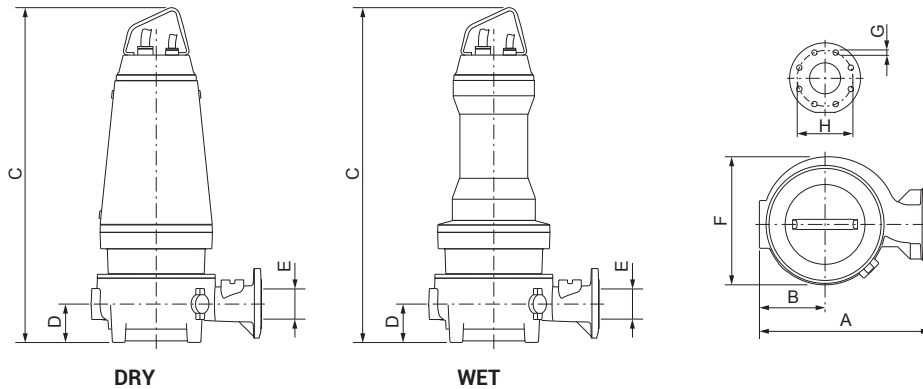


Motor

Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
11/4 A	400/3	Y Δ	21,2	0,82	12	11	91,4	IE3
15/4 A	400/3	Y Δ	28,5	0,82	16,3	15	92,2	IE3
18,5/4 A	400/3	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)

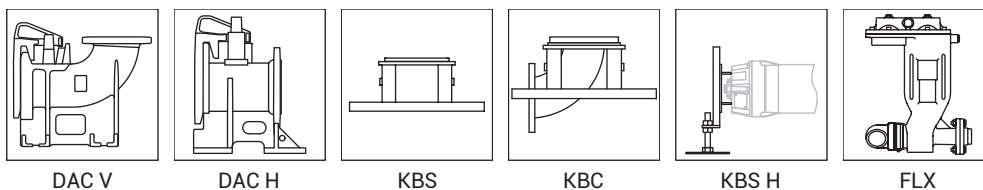
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

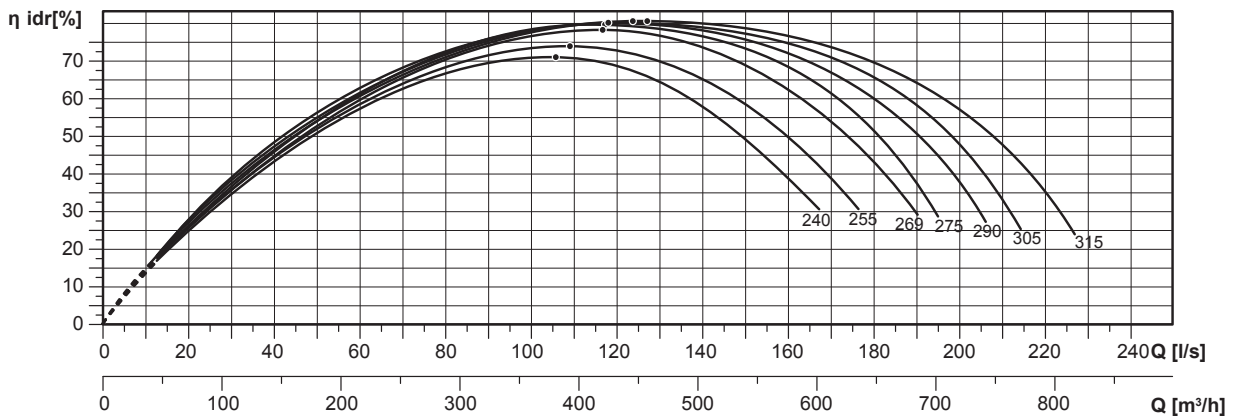
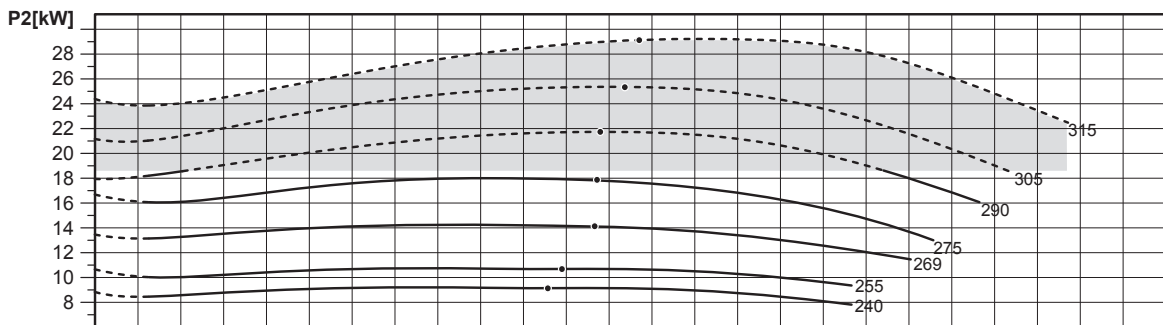
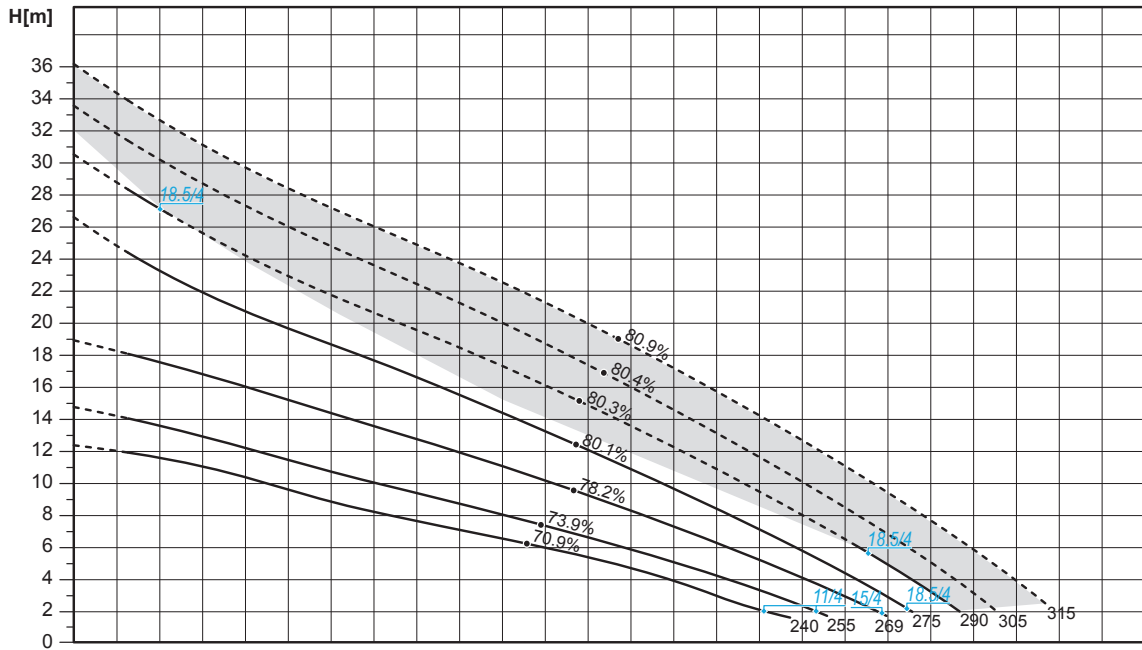


Product image is illustrative. Zenit reserves the right to modify the product without advance notification.

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



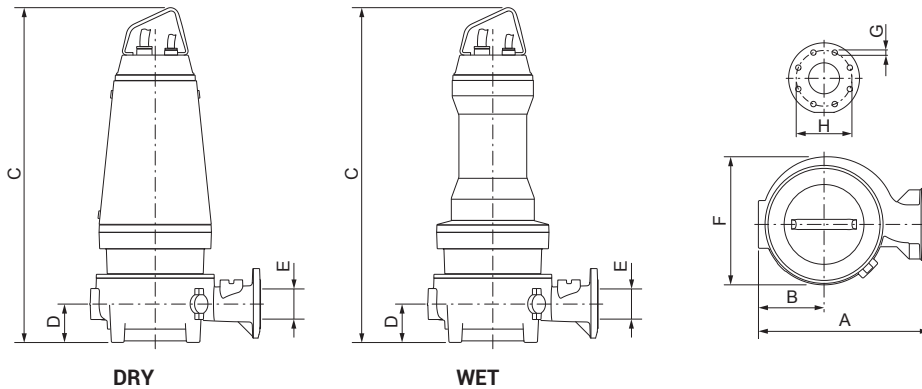
Motor

Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7,5/6 A	400/3	Y Δ	16,2	0,75	8,4	7,5	89,1	IE3
9/6 A	400/3	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)

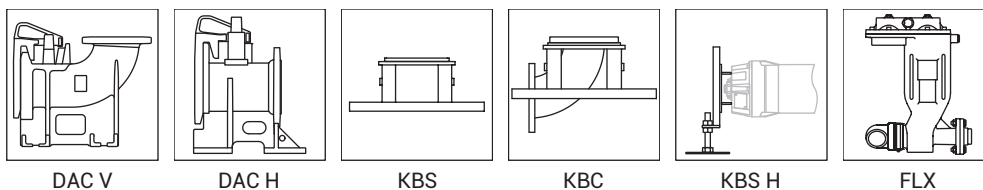
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

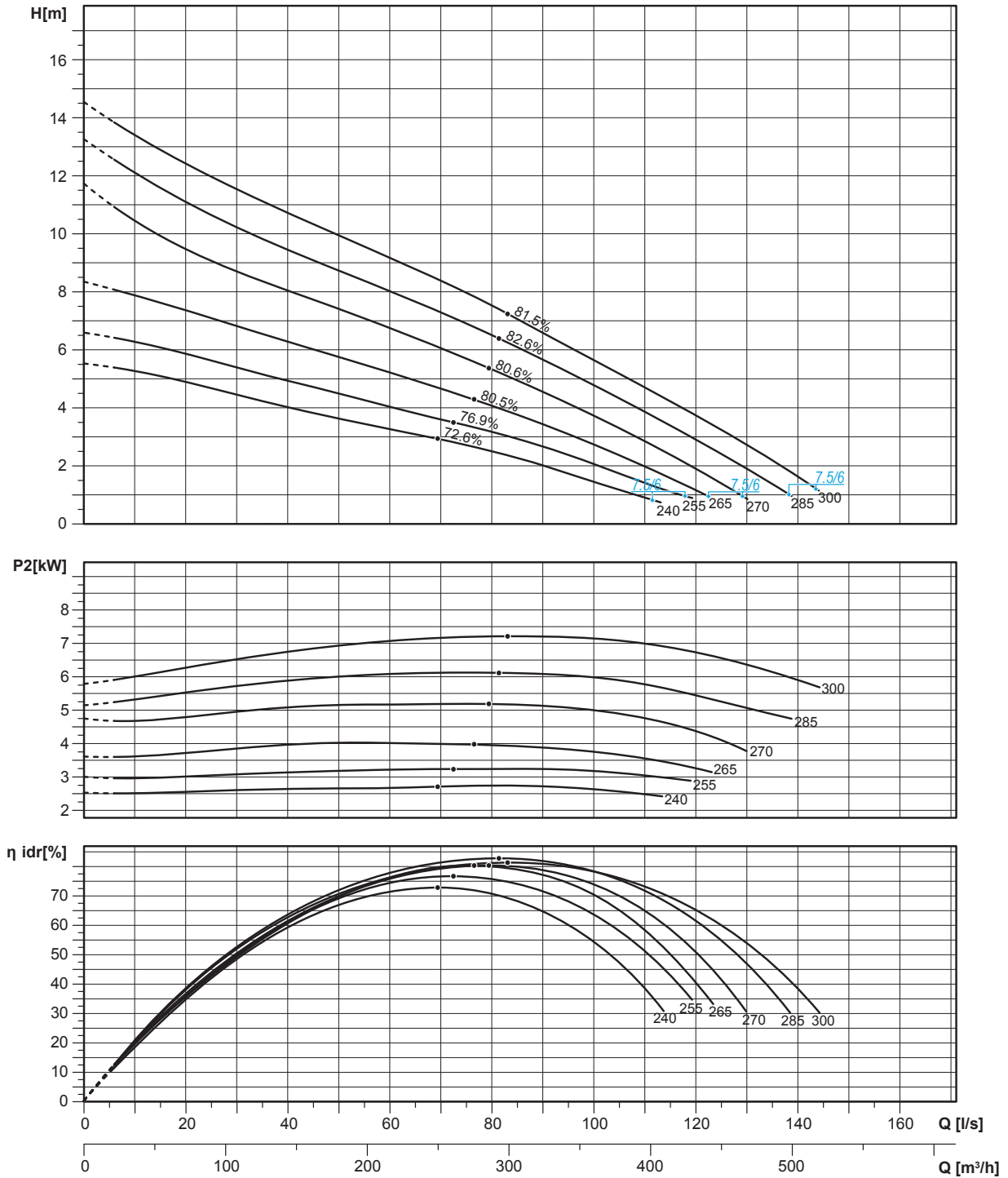
Available accessories



Product image is illustrative. Zenit reserves the right to modify the product without advance notification.

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



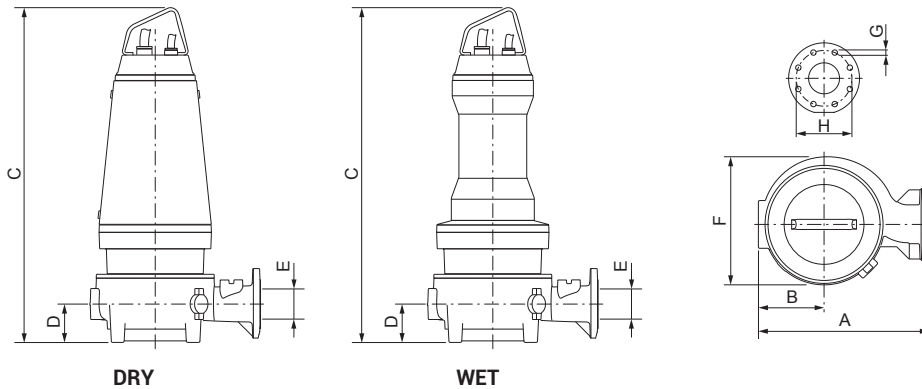
Motor

Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7,5/6 A	400/3	Y Δ	16,2	0,75	8,4	7,5	89,1	IE3
9/6 A	400/3	Y Δ	19,8	0,73	10	9	89,7	IE3
11/6 A	400/3	Y Δ	22,7	0,77	12,2	11	90,3	IE3
13/6 H	400/3	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)

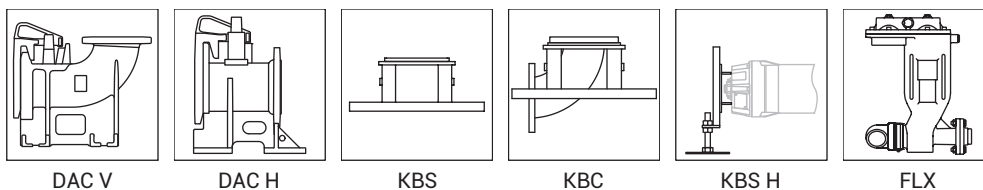
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

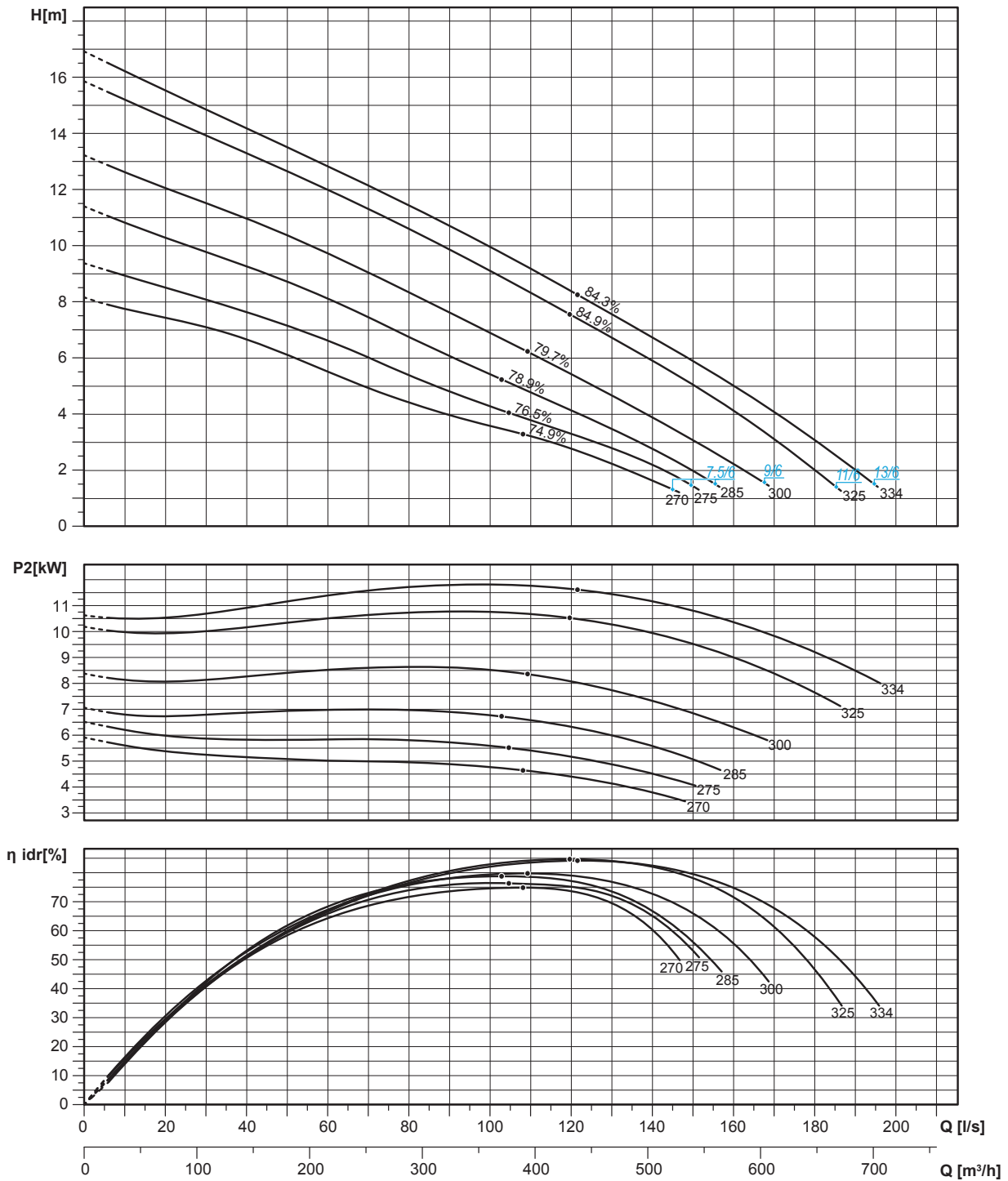
Available accessories



Product image is illustrative. Zenit reserves the right to modify the product without advance notification.

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

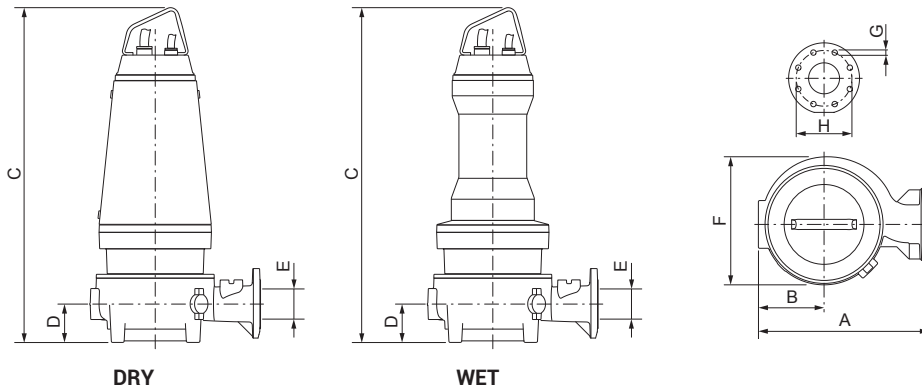


Motor

Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
11/4 A	400/3	Y Δ	21,2	0,82	12	11	91,4	IE3
15/4 A	400/3	Y Δ	28,5	0,82	16,3	15	92,2	IE3
18,5/4 A	400/3	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)

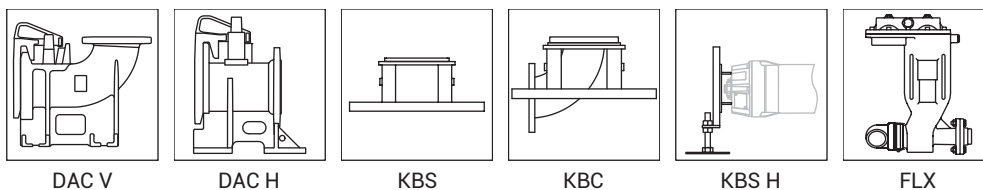
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

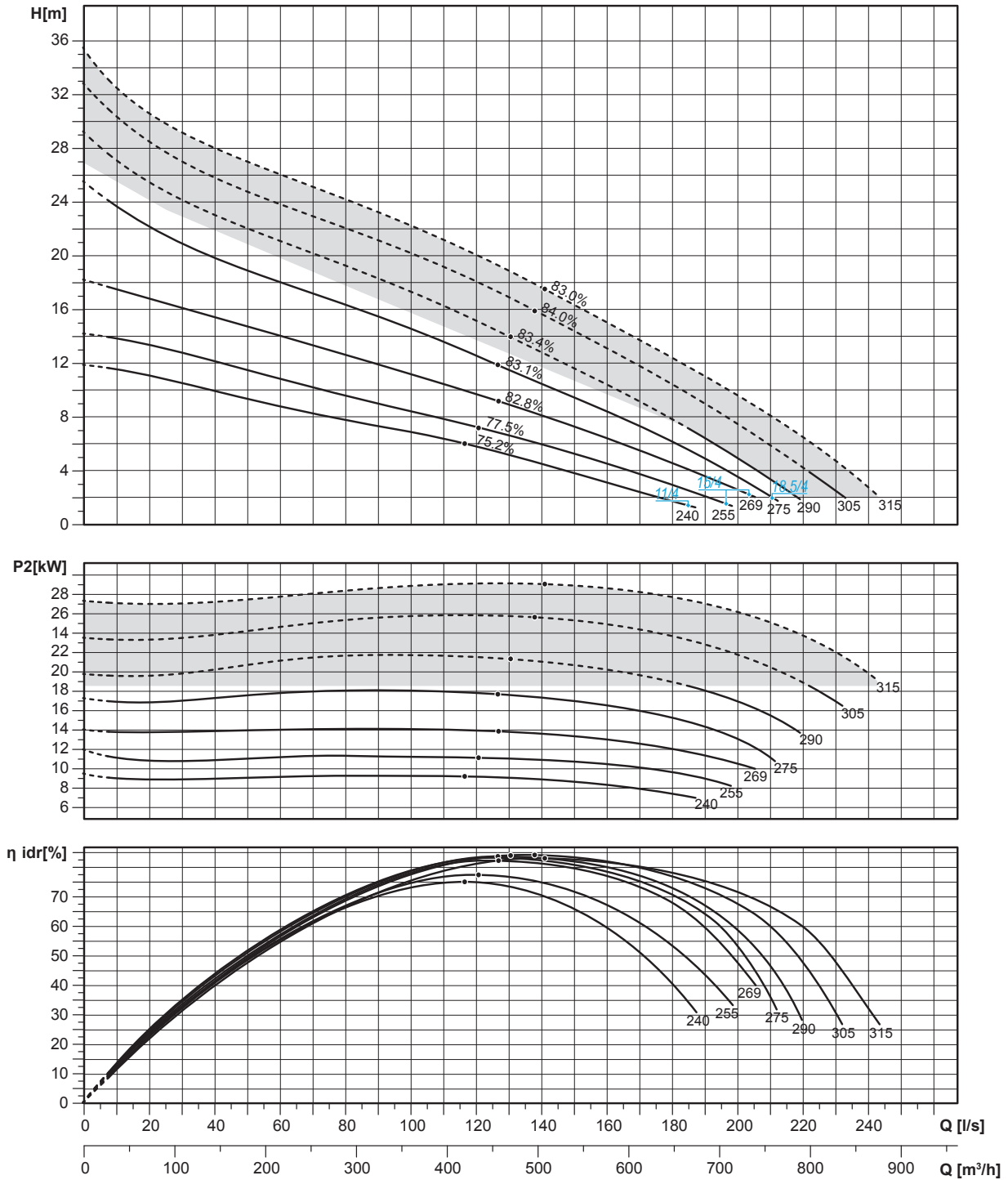


Product image is illustrative. Zenit reserves the right to modify the product without advance notification.

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

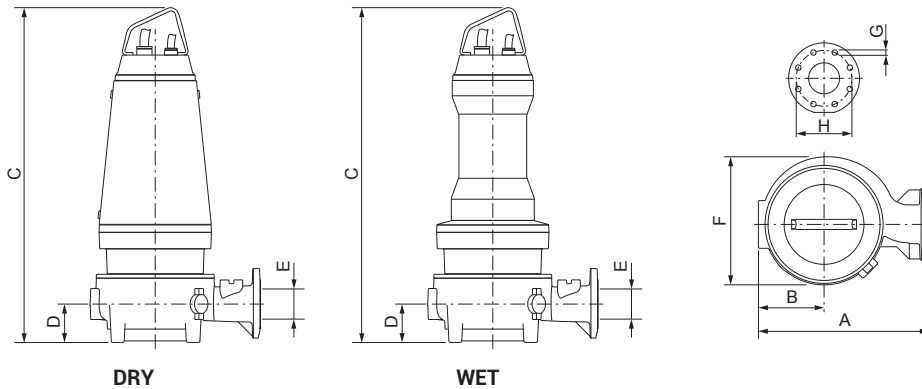


Motor

Type	V/~	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7,5/6 A	400/3	Y Δ	16,2	0,75	8,4	7,5	89,1	IE3
9/6 A	400/3	Y Δ	19,8	0,73	10	9	89,7	IE3
11/6 A	400/3	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)

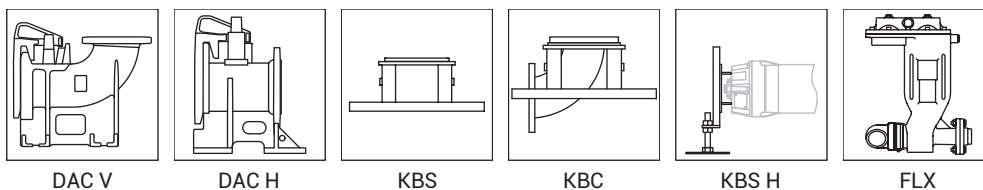
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

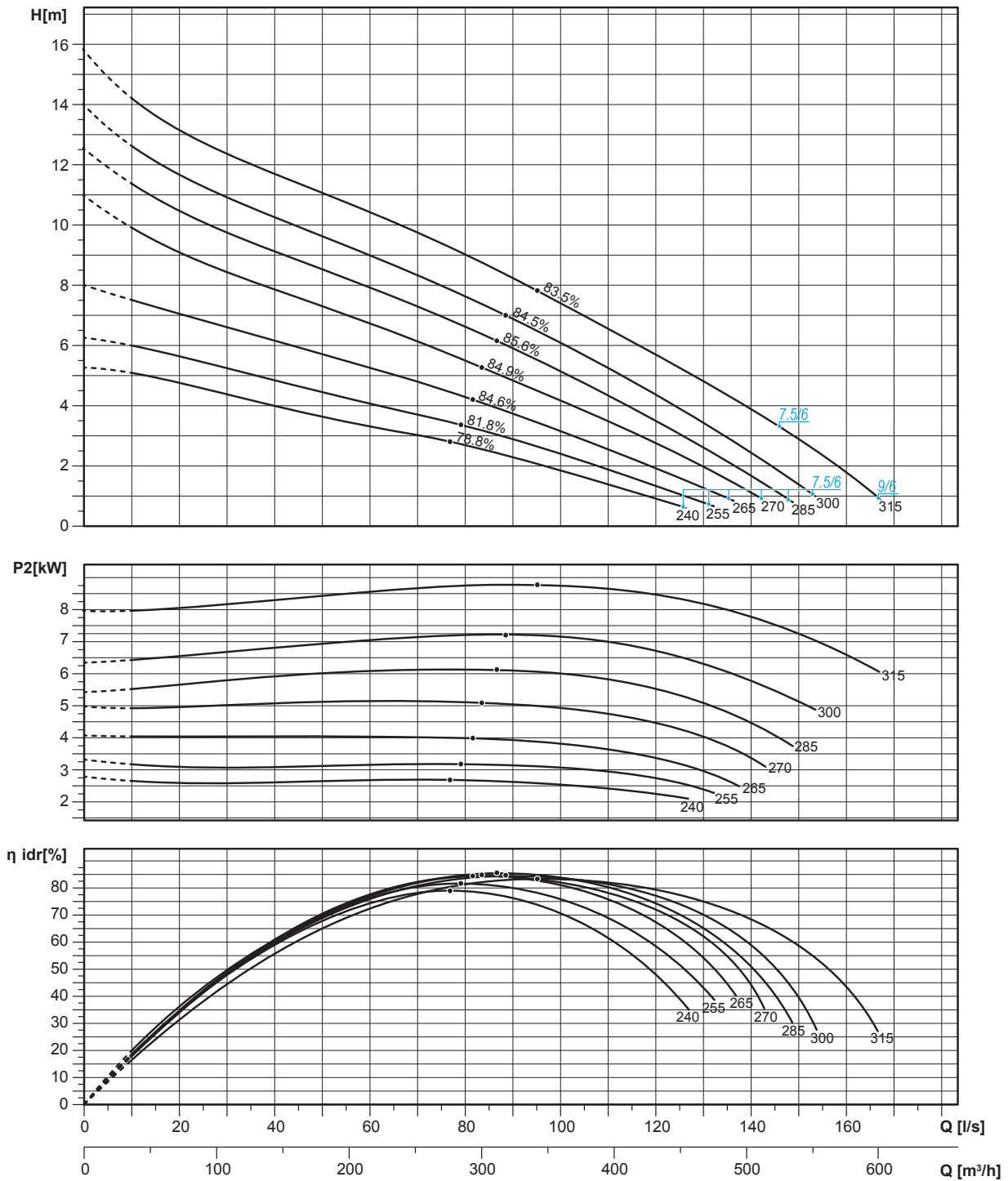
Available accessories



Product image is illustrative. Zenit reserves the right to modify the product without advance notification.

ZUG OC 250H

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: -



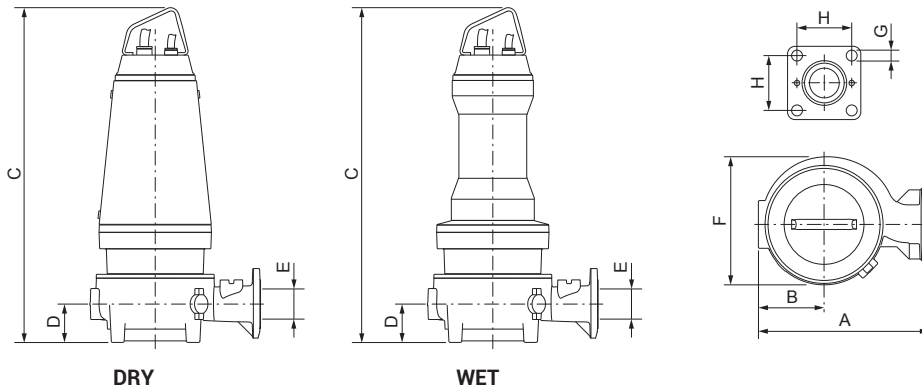
Motor

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

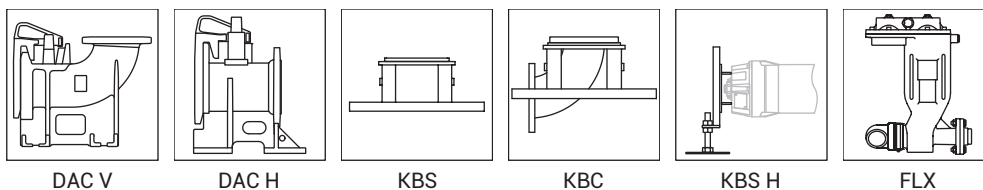
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

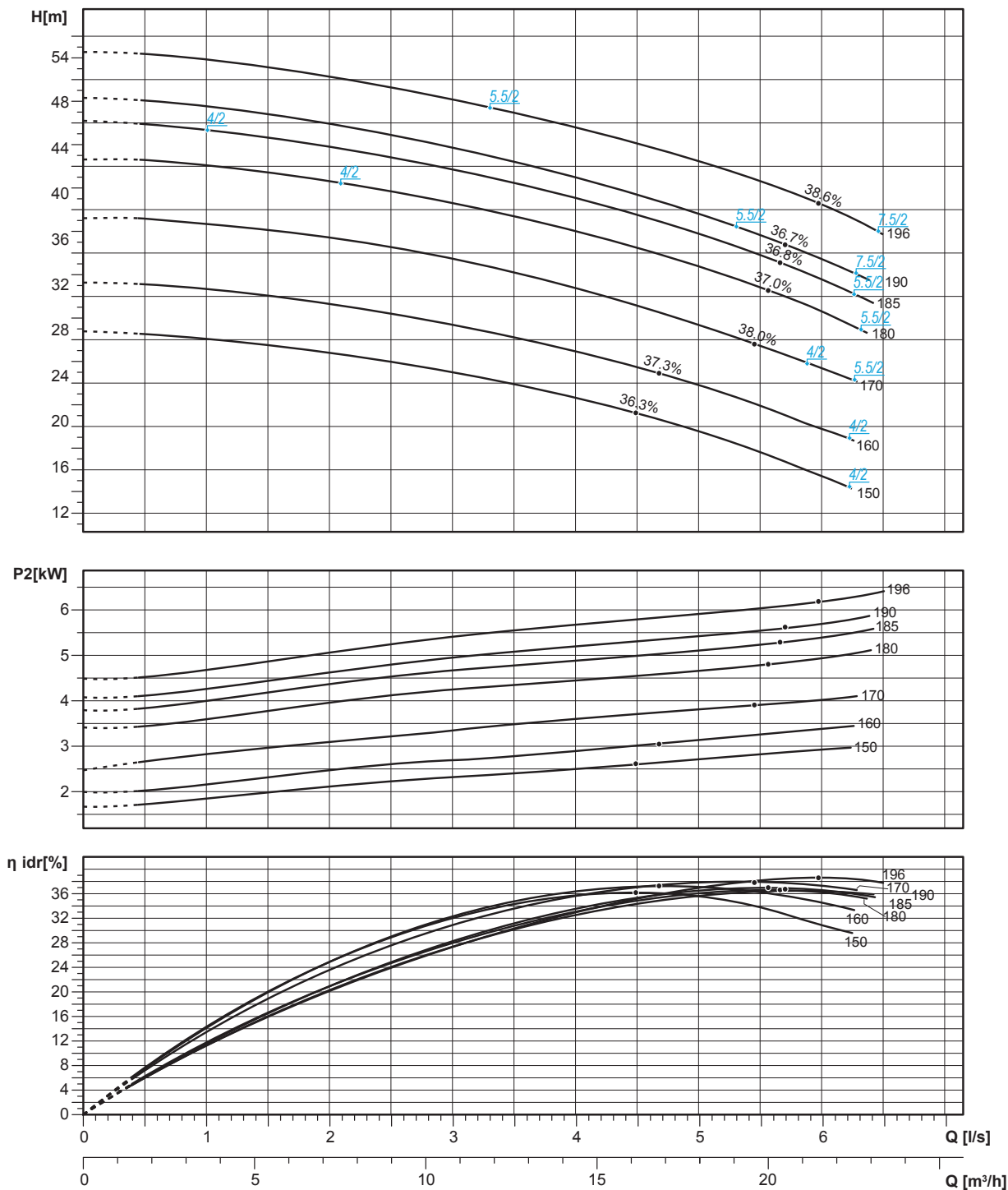
Available accessories



Product image is illustrative. Zenit reserves the right to modify the product without advance notification.

ZUG GR 050A

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



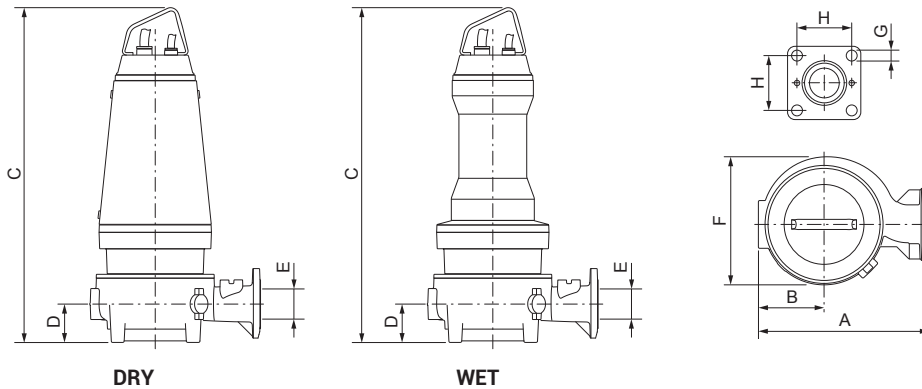
Motor

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

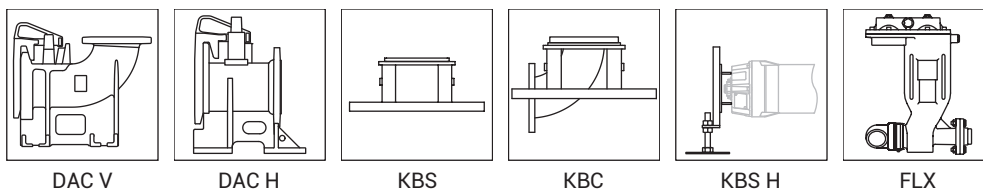
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

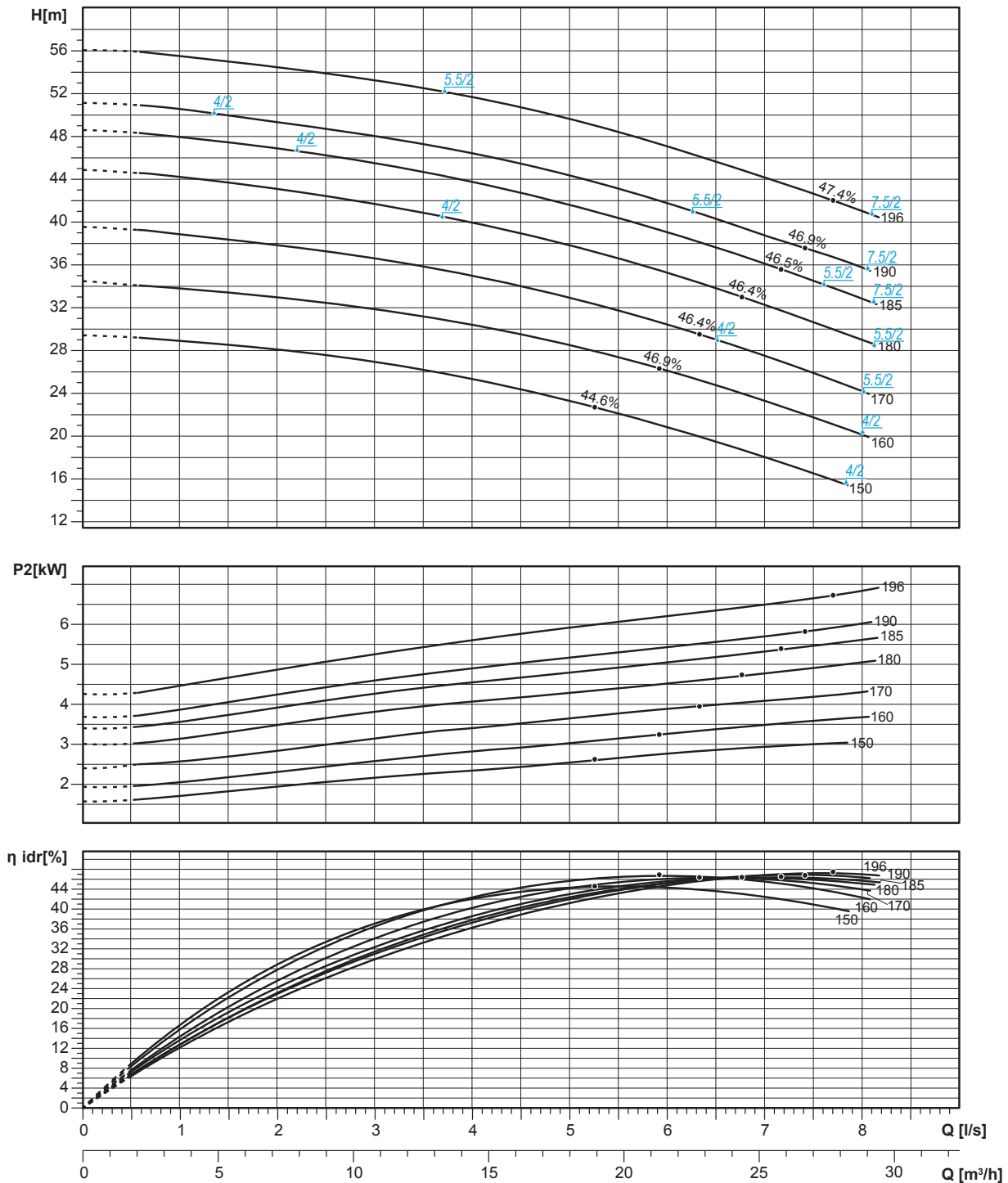
Available accessories



Product image is illustrative. Zenit reserves the right to modify the product without advance notification.

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



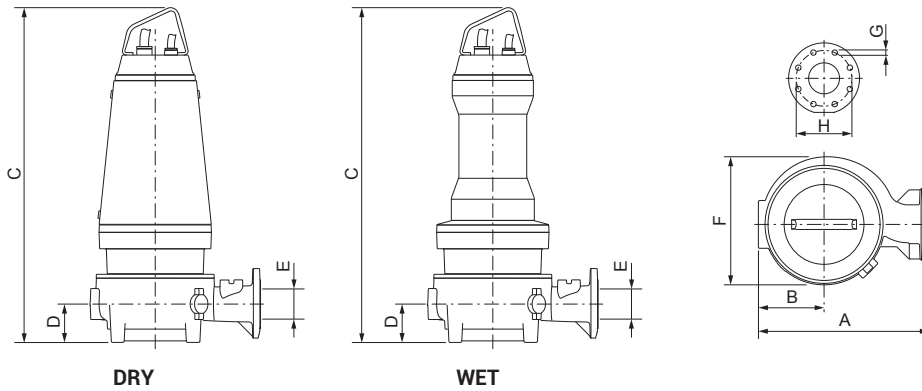
Motor

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

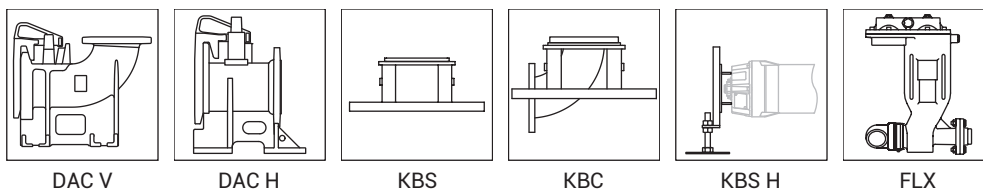
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

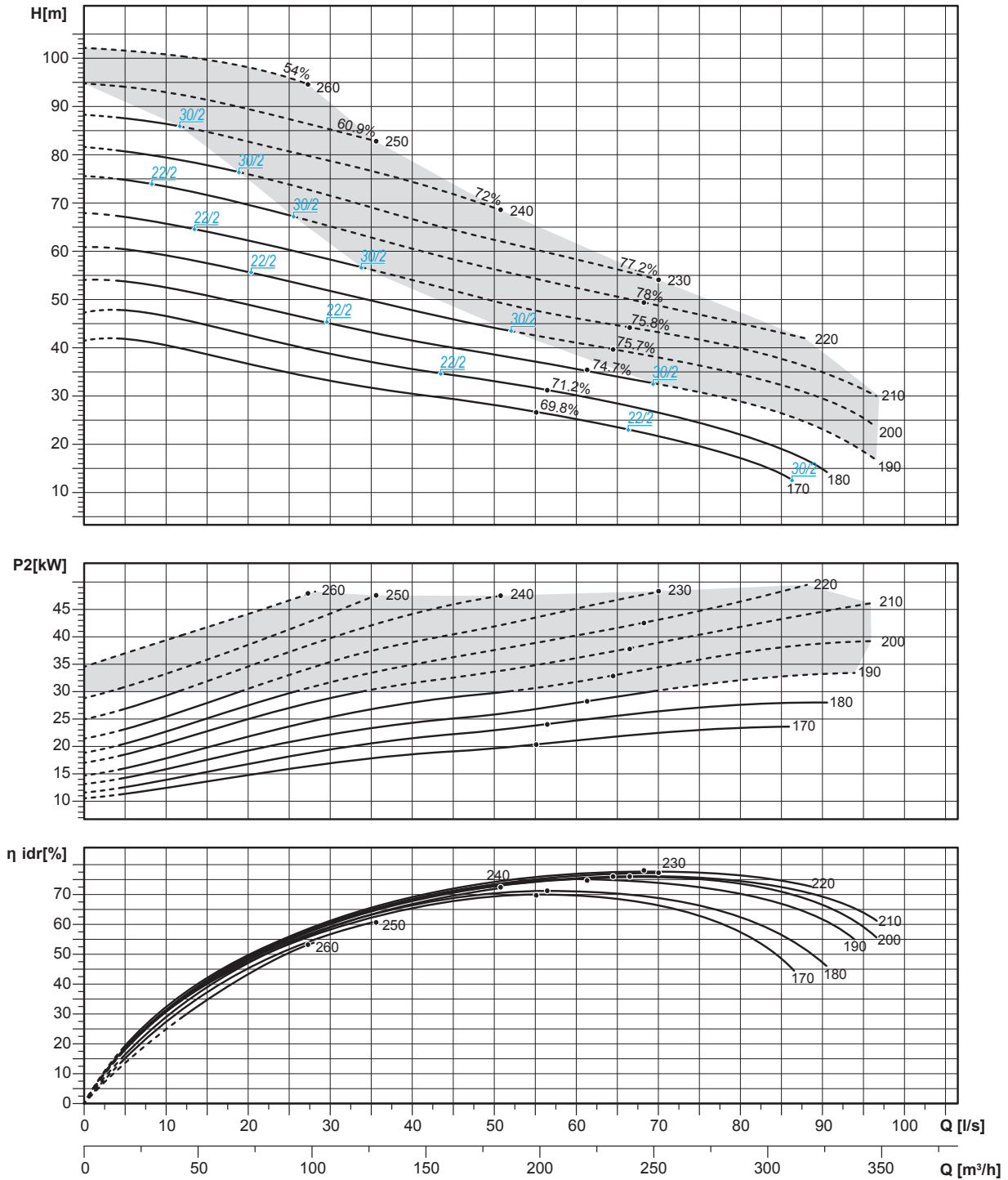


Product image is illustrative. Zenit reserves the right to modify the product without advance notification.

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



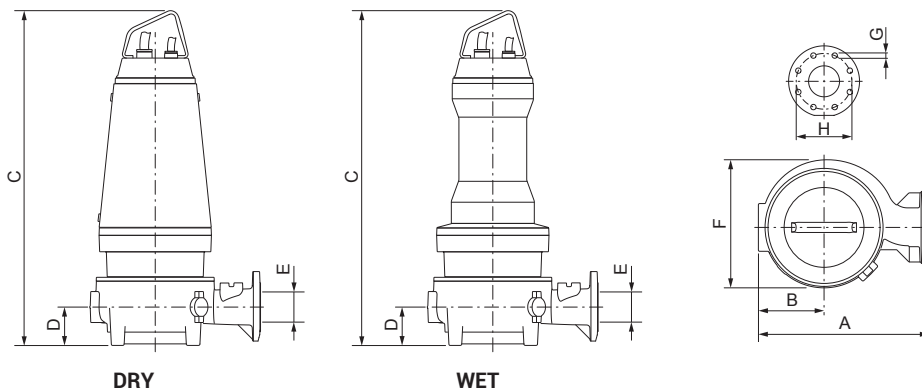
Motor

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

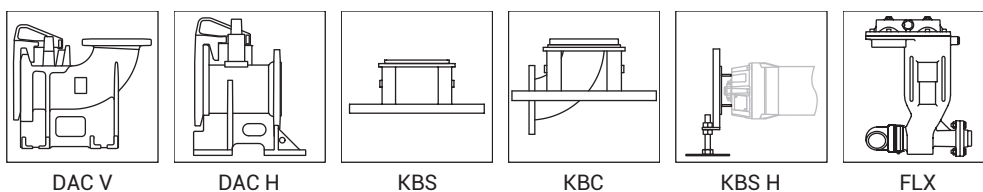
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

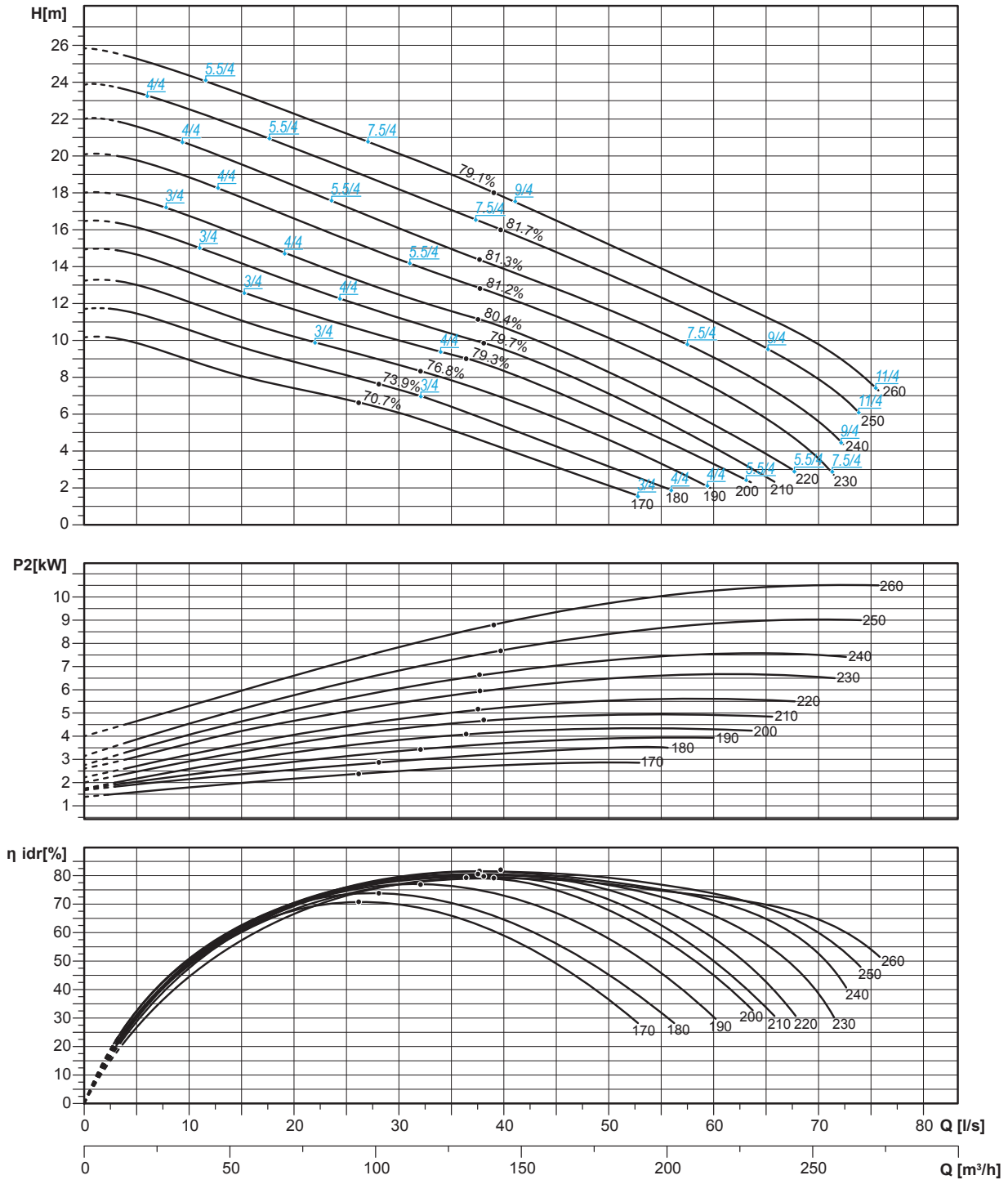
Available accessories



Product image is illustrative. Zenit reserves the right to modify the product without advance notification.

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



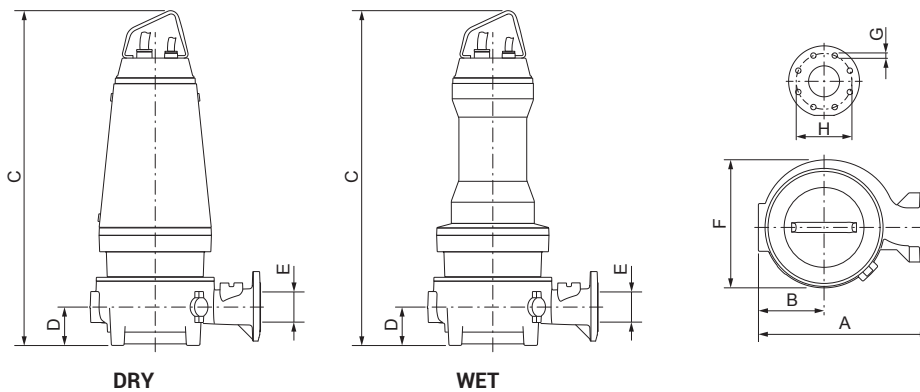
Motor

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

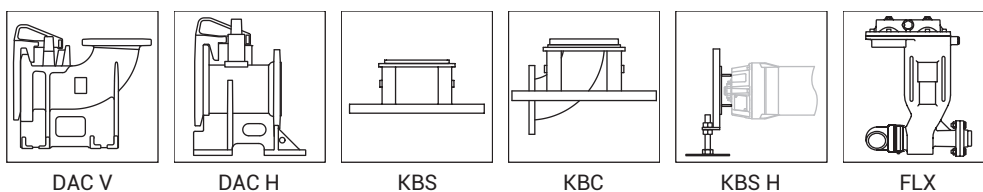
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

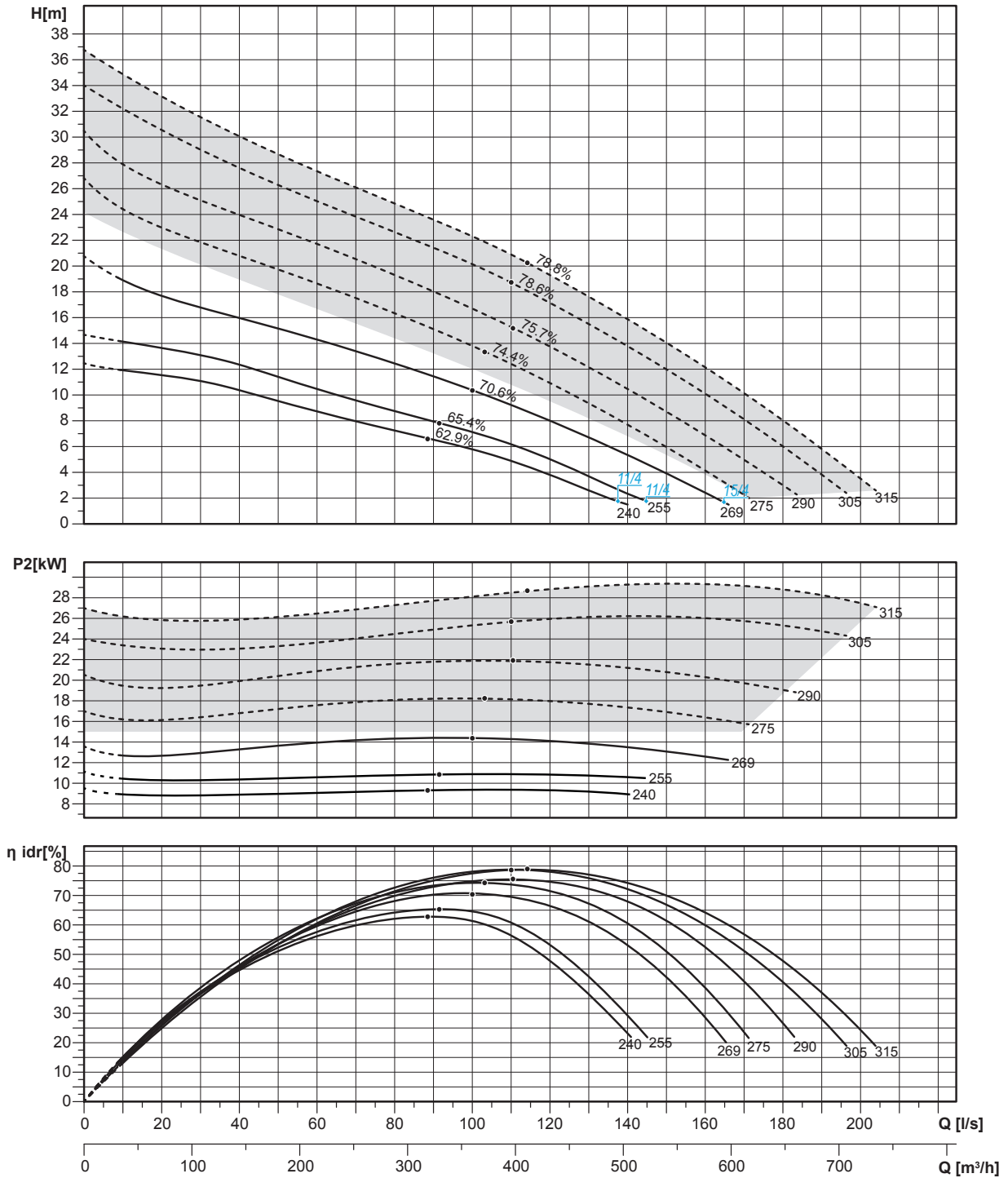


Product image is illustrative. Zenit reserves the right to modify the product without advance notification.

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

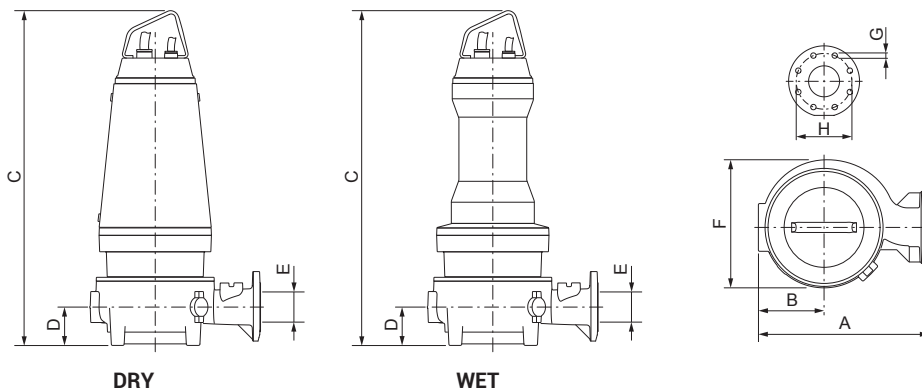


Motor

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

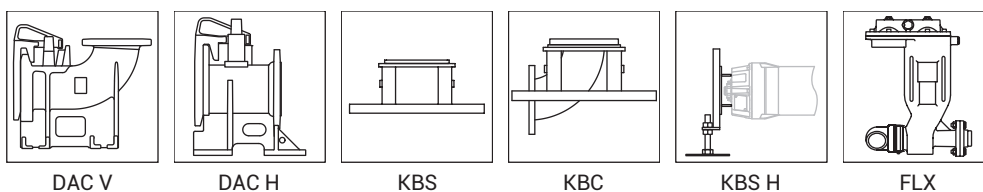
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

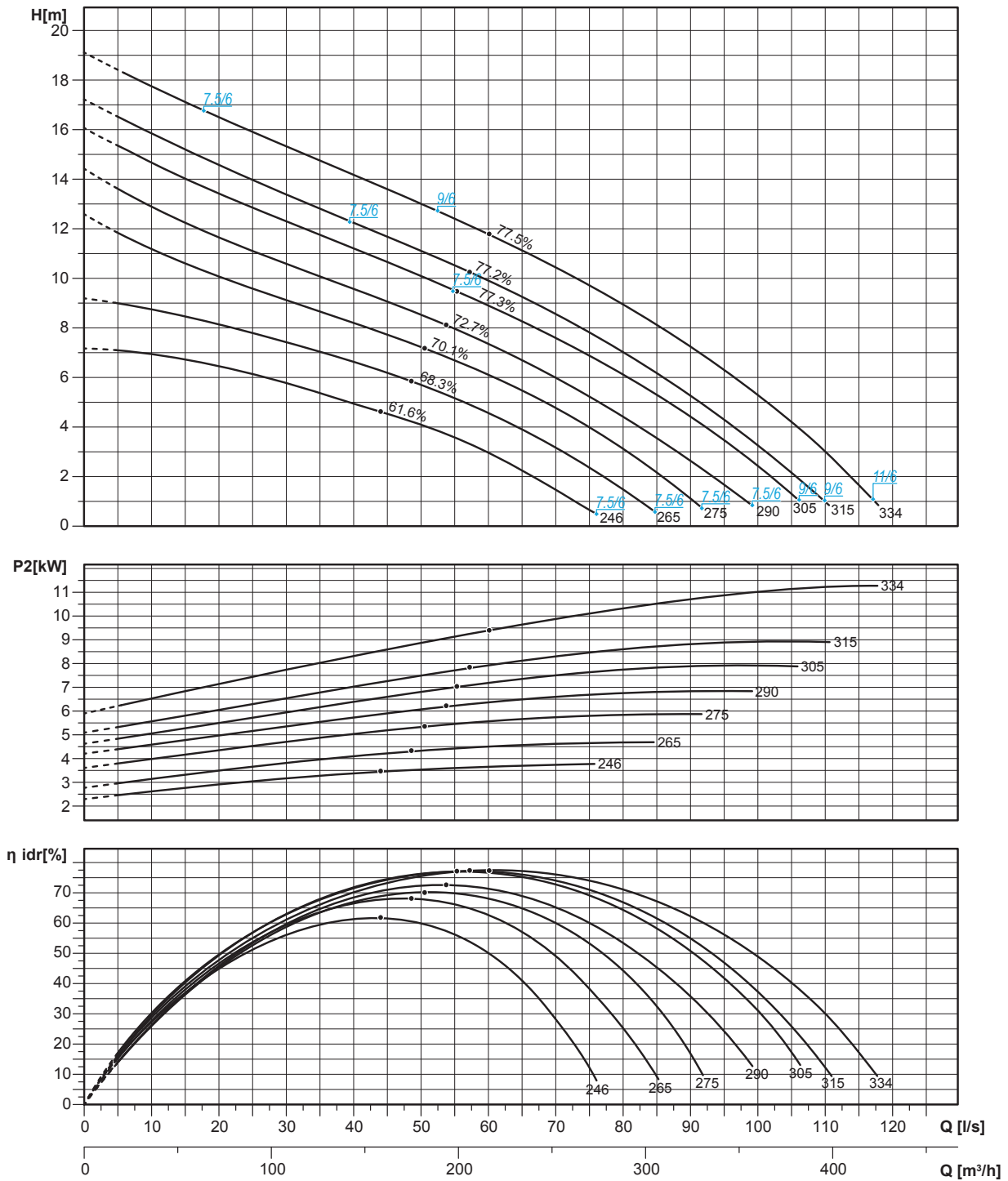
Available accessories



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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



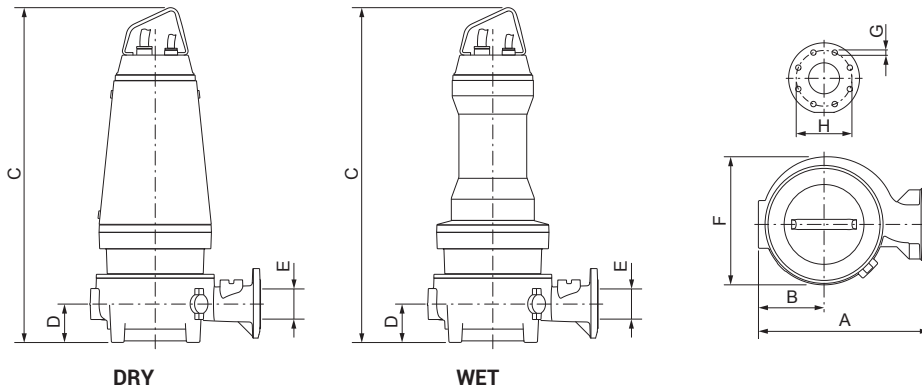
Motor

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

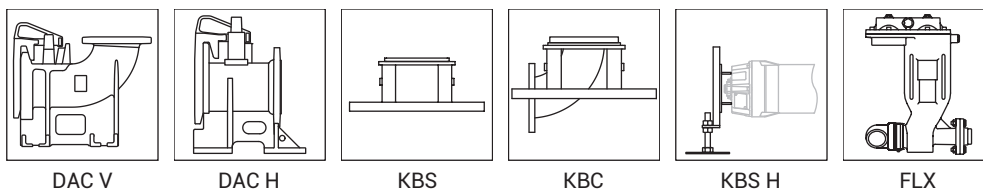
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

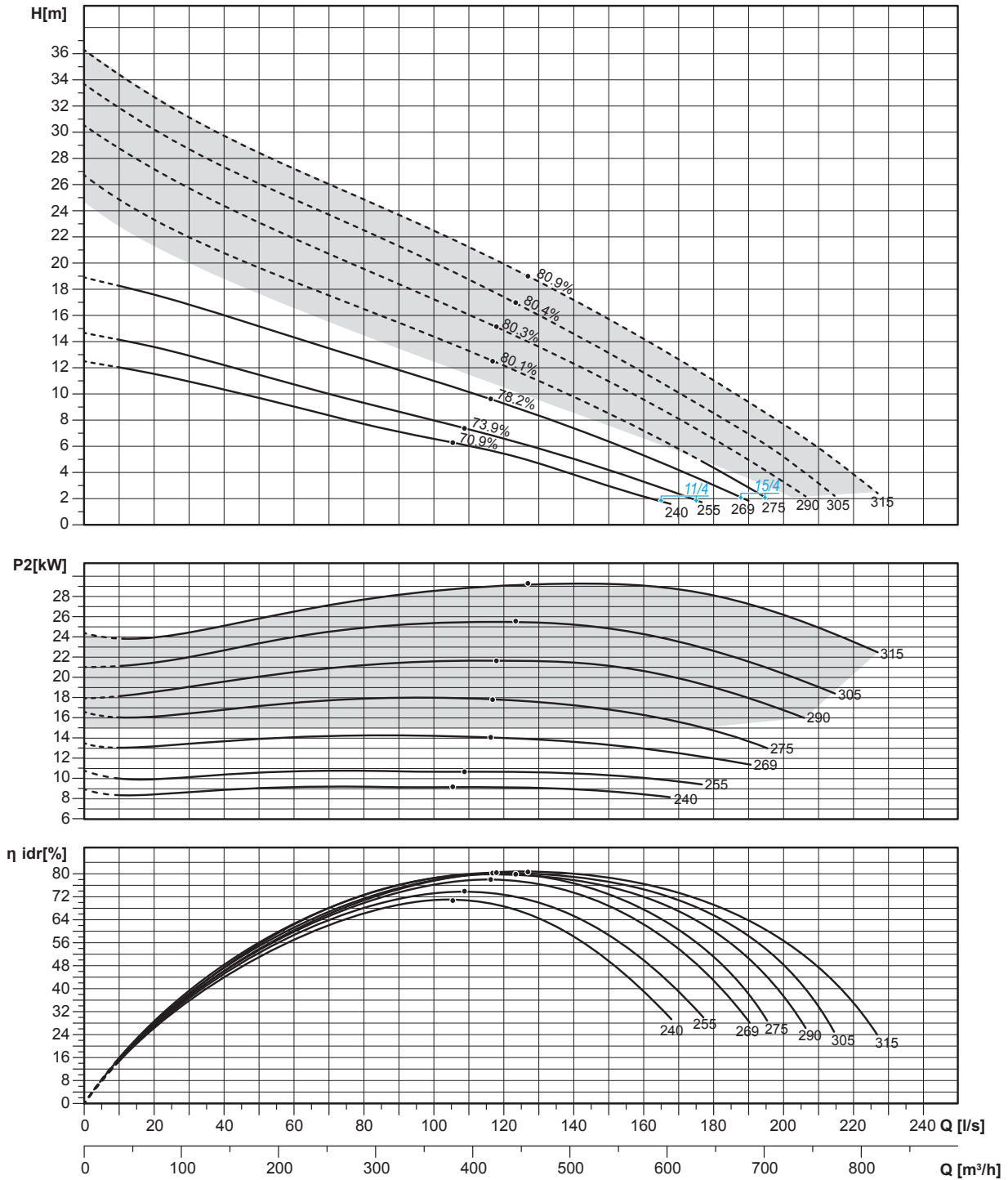


Product image is illustrative. Zenit reserves the right to modify the product without advance notification.

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



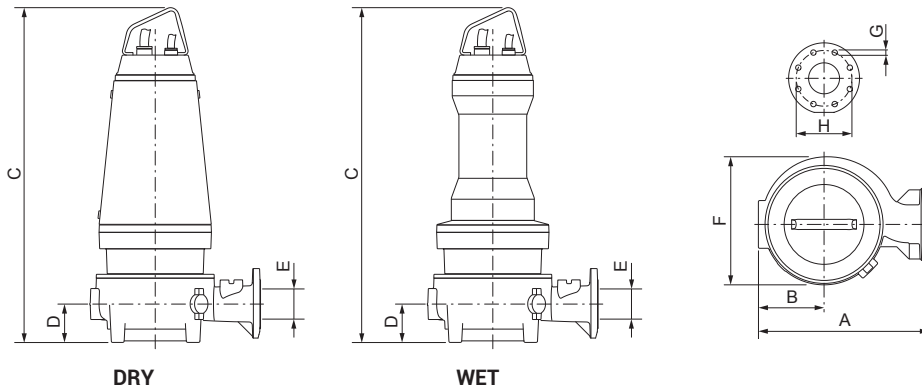
Motor

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

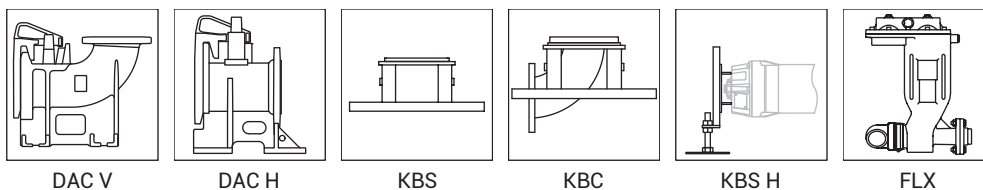
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

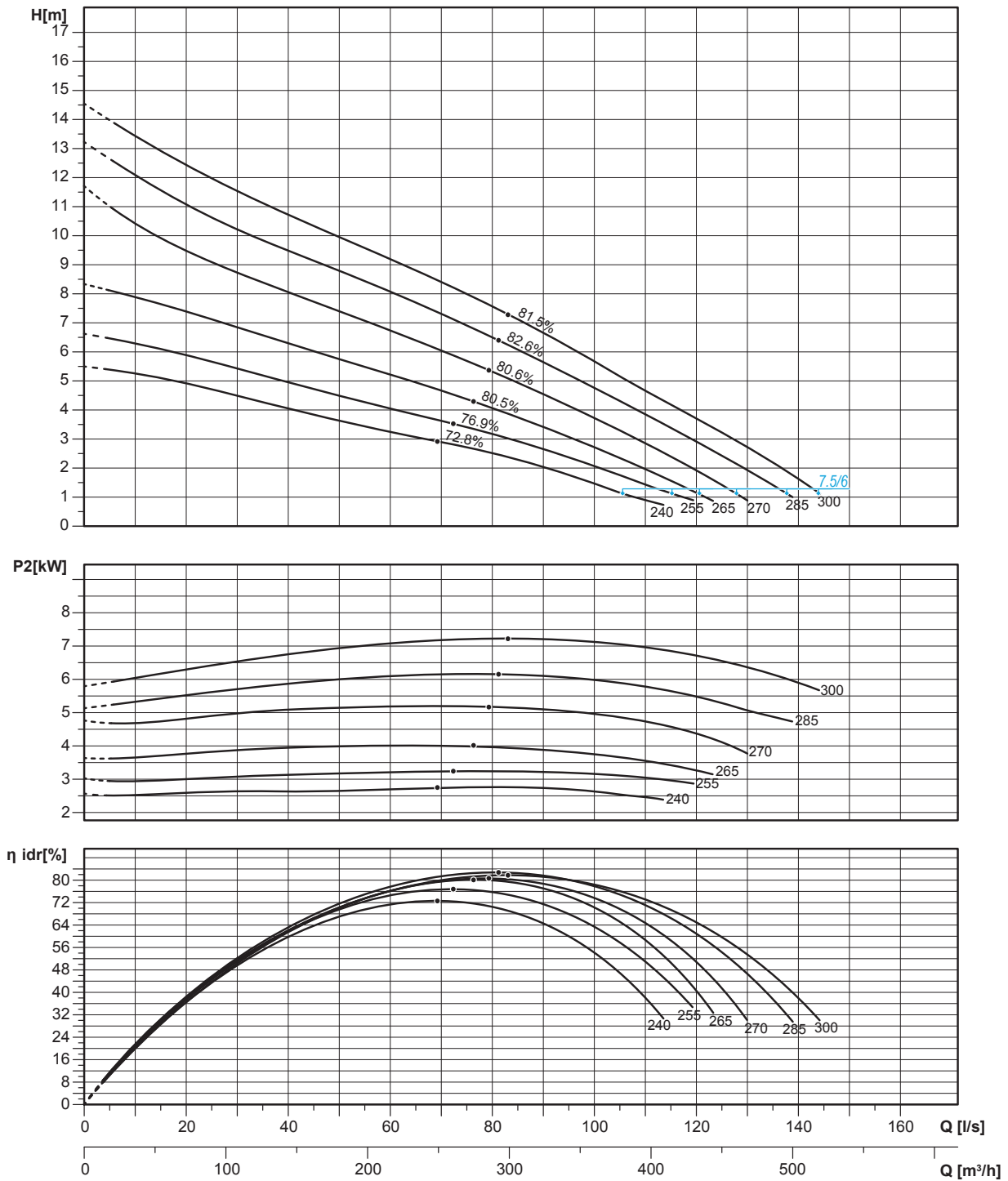
Available accessories



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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



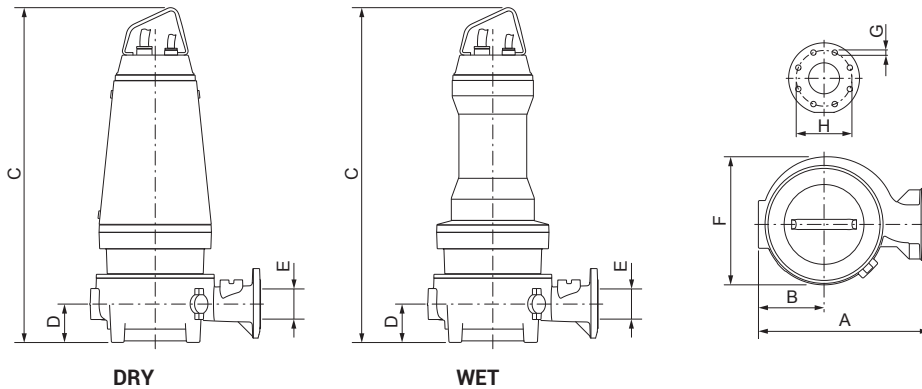
Motor

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

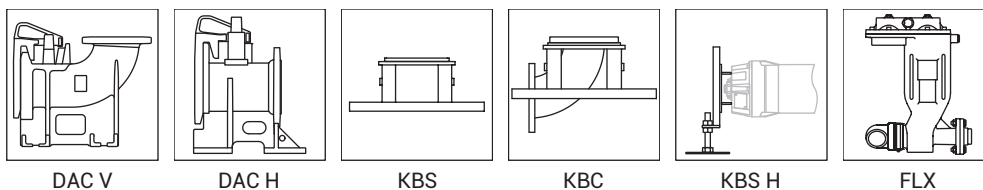
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

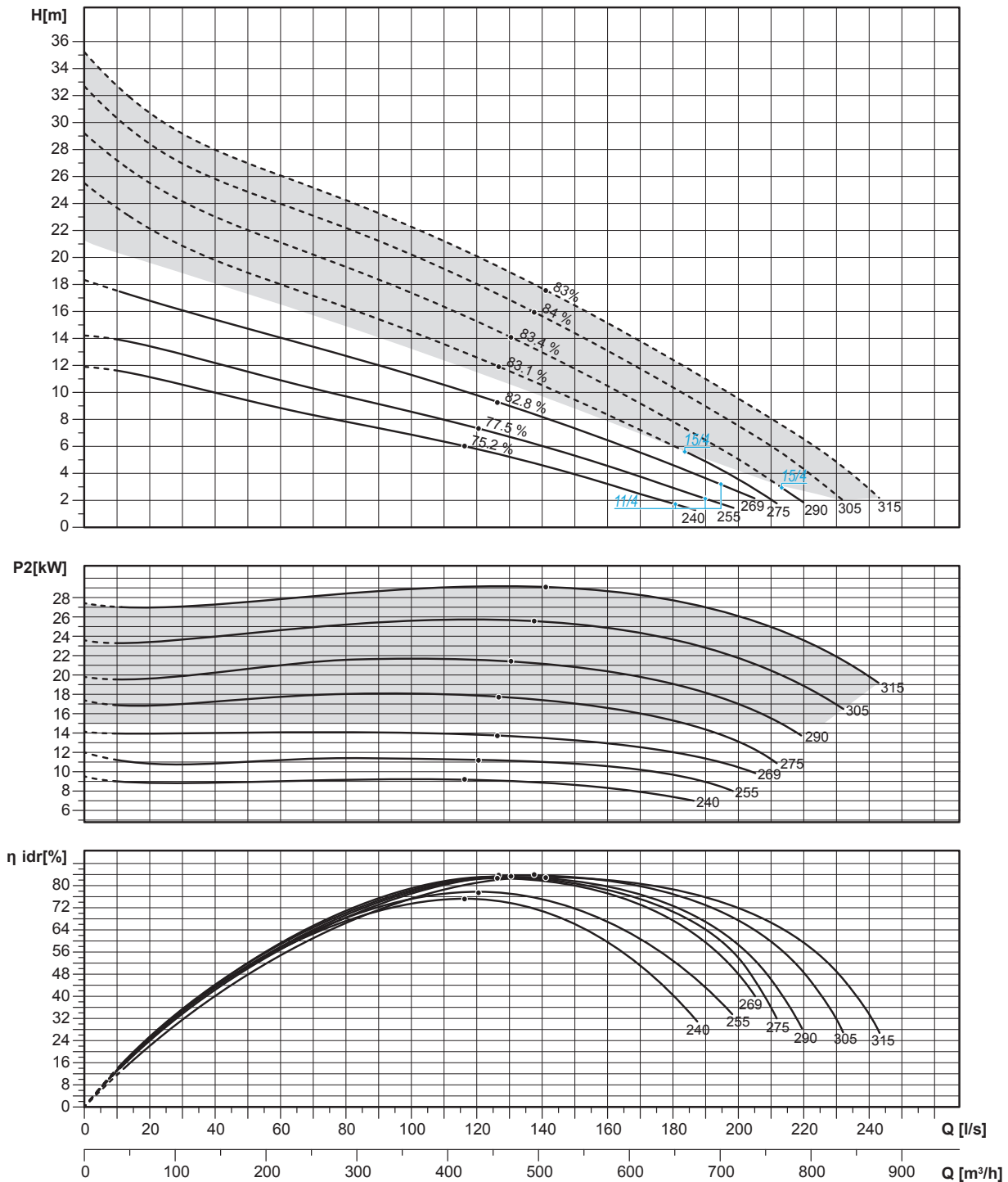


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ZUG CP 250H

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

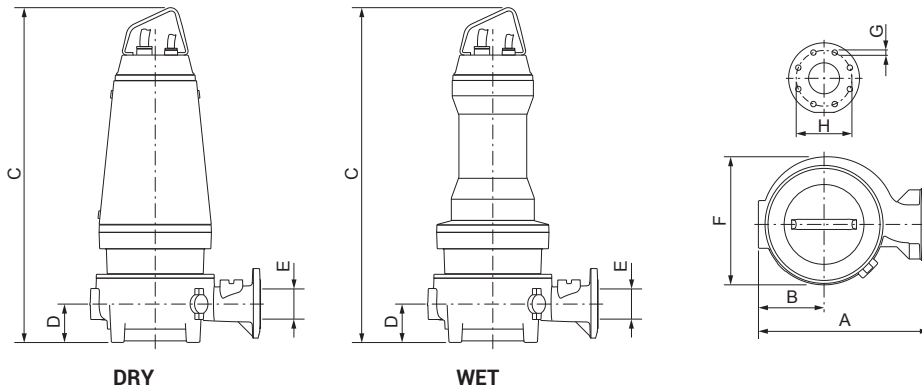


Motor

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

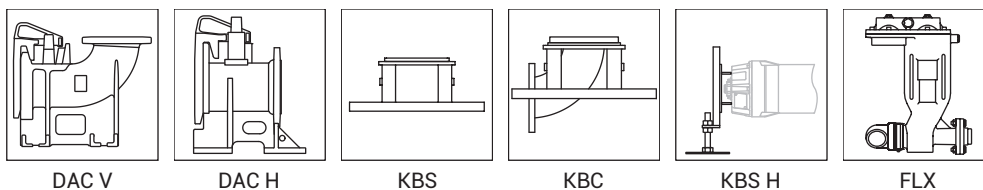
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	nr. holes	Kg	
			WET	DRY							WET	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

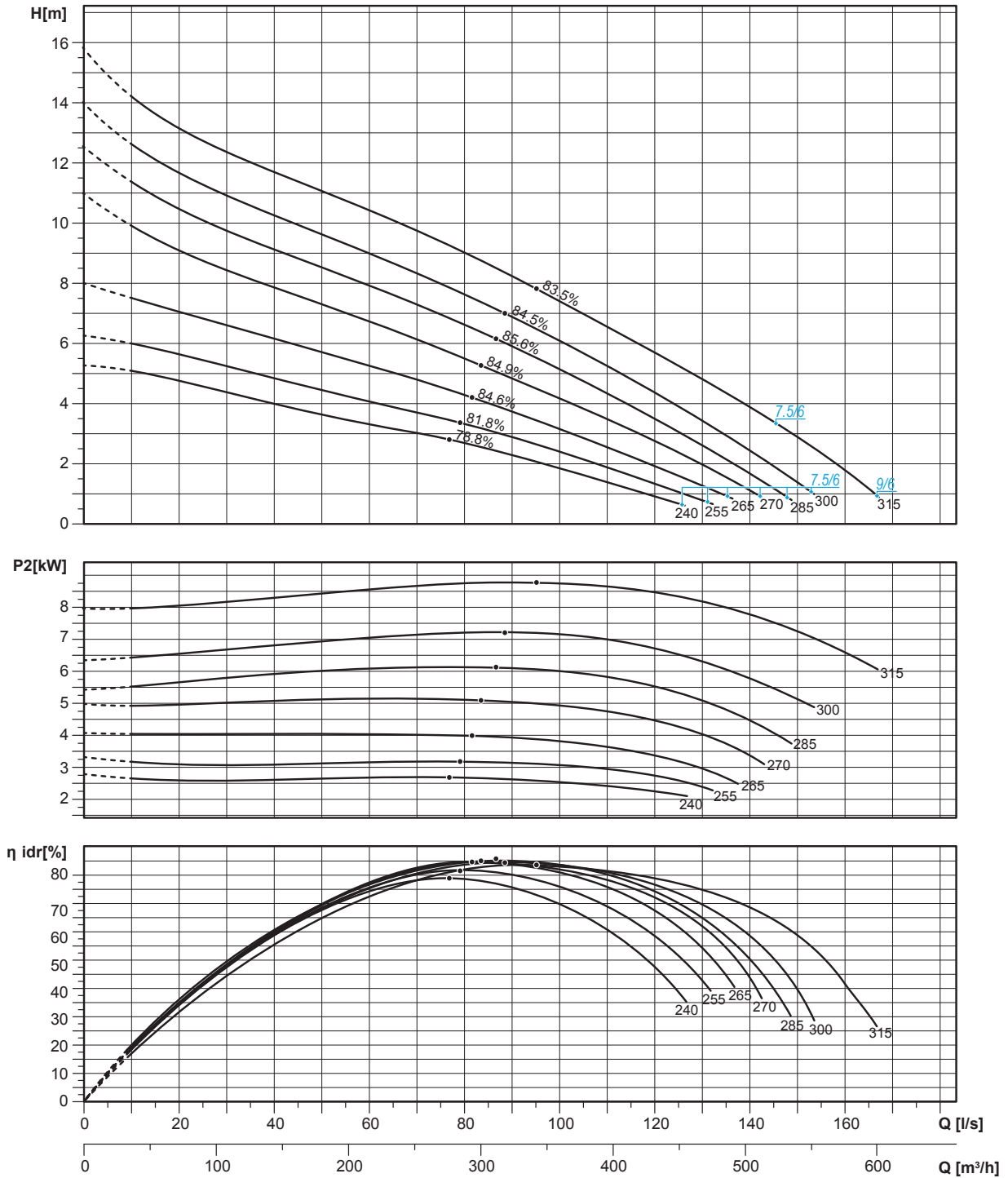
Available accessories



Product image is illustrative. Zenit reserves the right to modify the product without advance notification.

ZUG CP 250H

Performances



Characteristic curves according to UNI EN ISO 9906

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

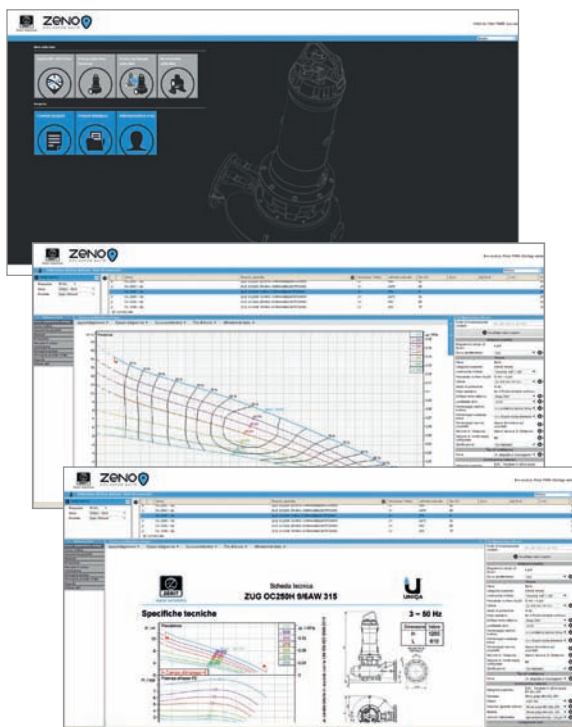
The solution that provides invaluable assistance for the entire Zenit electric pump selection and configuration process, right through to generation of the final quotation. Used to meet the needs of producers and operators, the Zeno Pump Selector is an extremely effective tool for managing all types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