

TSURUMI AVANT

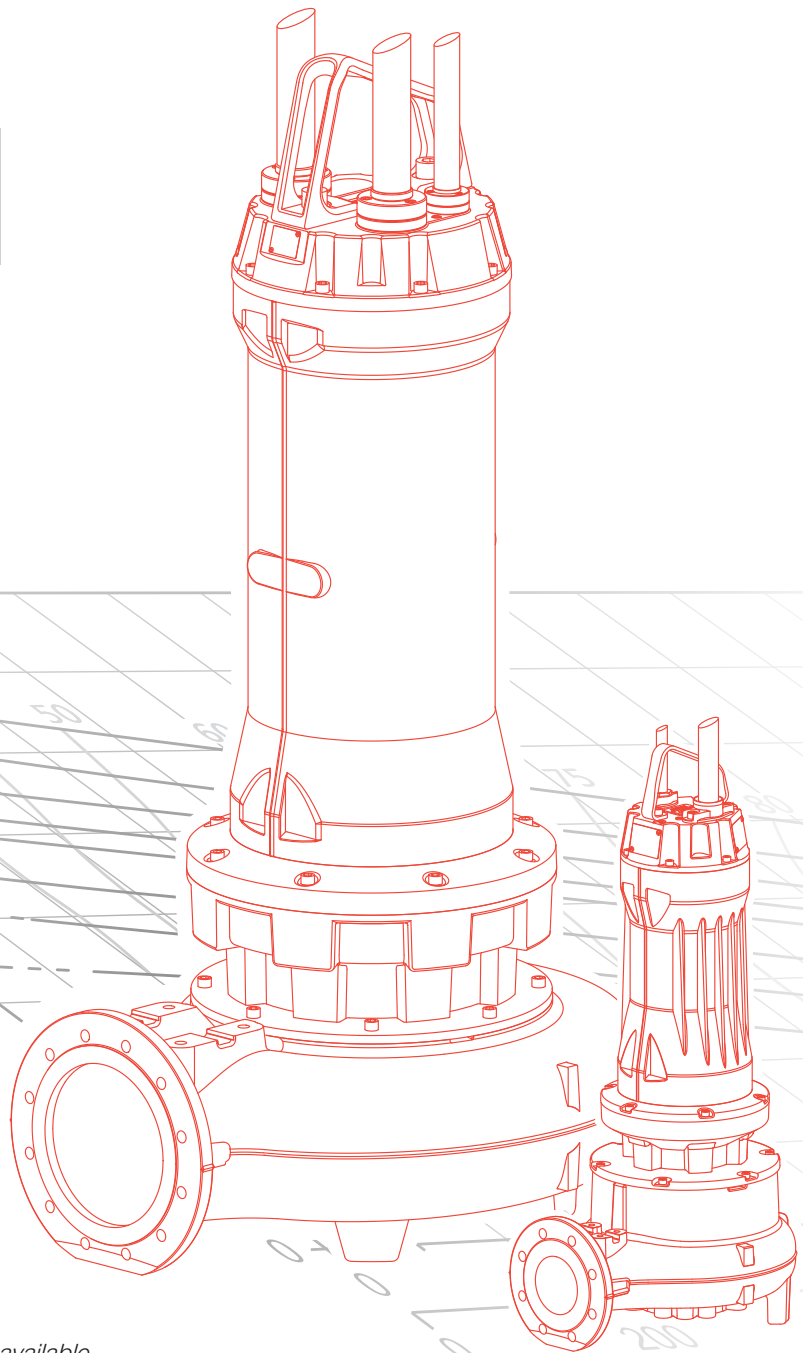
MQ SERIES

MQB (Open Channel)

MQU (Vortex)

MQG (Grinder)

MQS (High Head)



•Larger output models and new models are available.



TSURUMI AVANT

MQ SERIES

MQB

MQU

MQG

MQS



D A T A B O O K L E T

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•Larger output models and new models are available.

TSURUMI MQ-series high performances submersible pumps

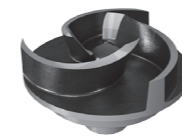
Designed for heavy-duty professional applications, they are used in civil and industrial wastewater treatment plants, lifting sewage, pumping industrial sludges and rainwater containing solids, and recycling raw or activated sludges and biological liquids.

The MQ-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.

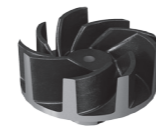


MQB (Open Channel)

high performance with wide free passage.

Suggested applications:

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

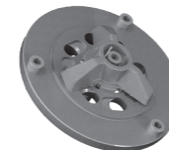


MQU (Vortex)

with full free passage.

Suggested applications:

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

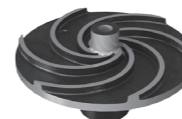


MQG (Grinder)

Grinding system with rotary knife

Suggested applications:

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



MQS (High Head)

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

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.

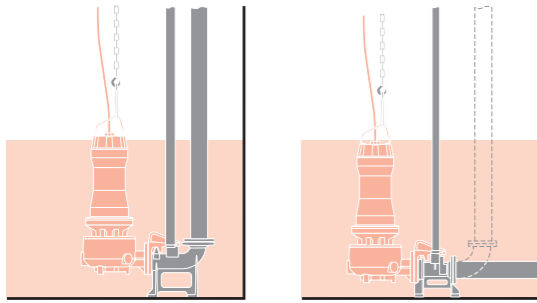
This prevents clogging of the impeller even with highly fouled liquids, allows stringy items to be pulled out or unwound and renders the hydraulics **clogging-proof**.



Installation types

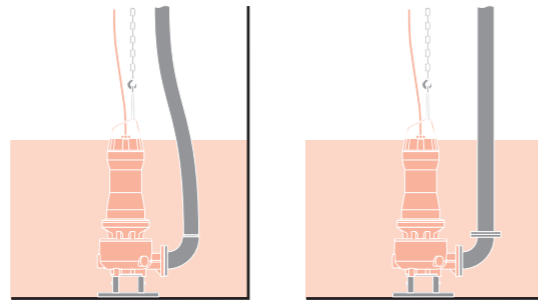
Type P

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



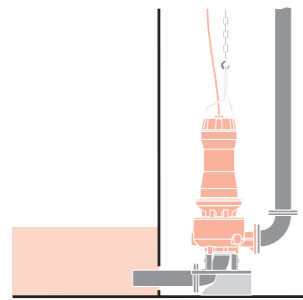
Type S

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



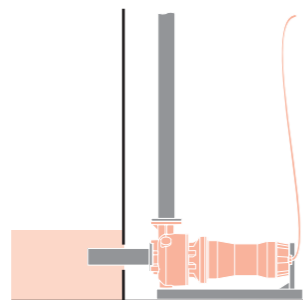
Type T

Vertical installation in dry chamber with curved base (KBC).



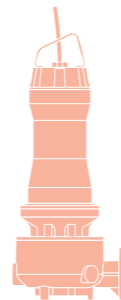
Type Z

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

TYPE M Q U 080 B 18.5/2 A W 194 X A

- ① Series
- ② Discharge port diameter in mm
- ③ Hydraulic variant
- ④ Power in kW
- ⑤ Motor poles
- ⑥ Motor variant
- ⑦ Operating mode
D = Dry
W = Wet
- ⑧ Nominal diameter of impeller (in mm)
- ⑨ Type of installation
- ⑩ Holes for installation/accessories

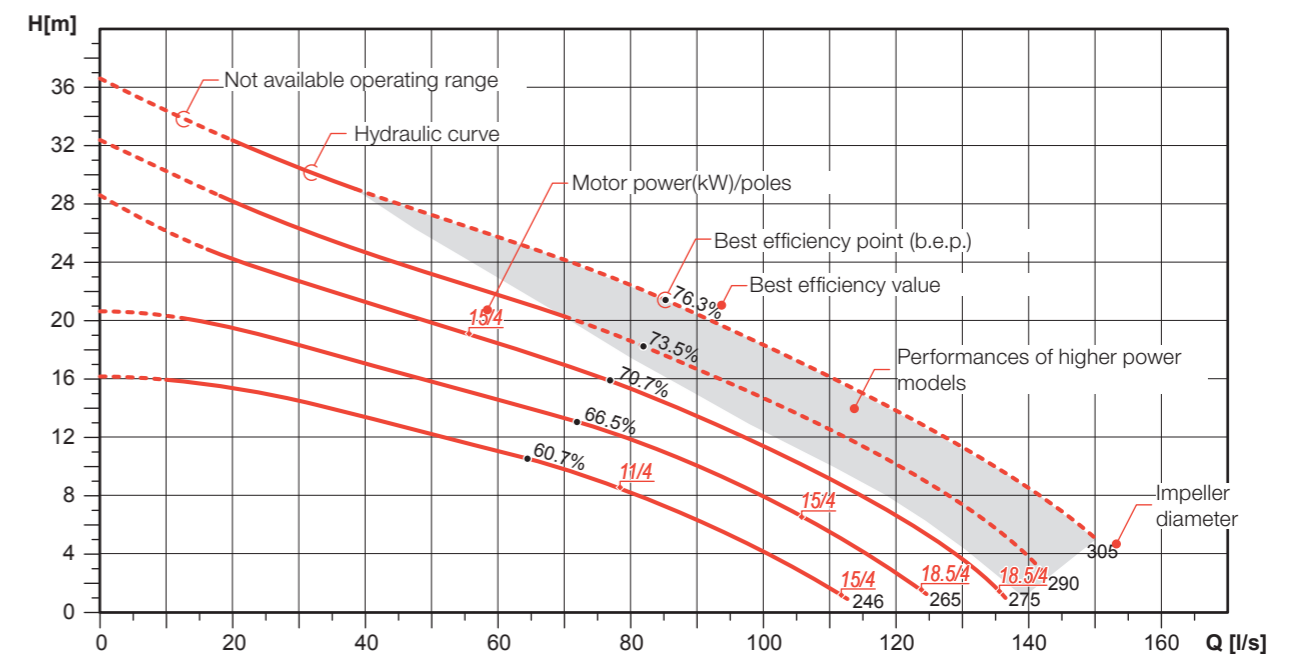
VERSION AA BA 10 4Y 5T1 EX NN

- ⑪ Construction materials
- hydraulics
- motor shaft
and painting
- ⑫ Electrical accessories
- ⑬ Cable length (m)
- ⑭ Voltage
- ⑮ Frequency/phases
- ⑯ Special variant/certification
- ⑰ Customization

Explosion-proof models available on request, suitable for installation in the presence of potentially explosive gases, powders and liquids.

Designed in accordance with IECEx (II 2G Ex db k IIB T4 / II 2D Ex tb IIIC T135°C)

Key to hydraulic curves



MQB 065A

1.8 - 3 kW - 2 poles

MQB 065A

Hydraulics

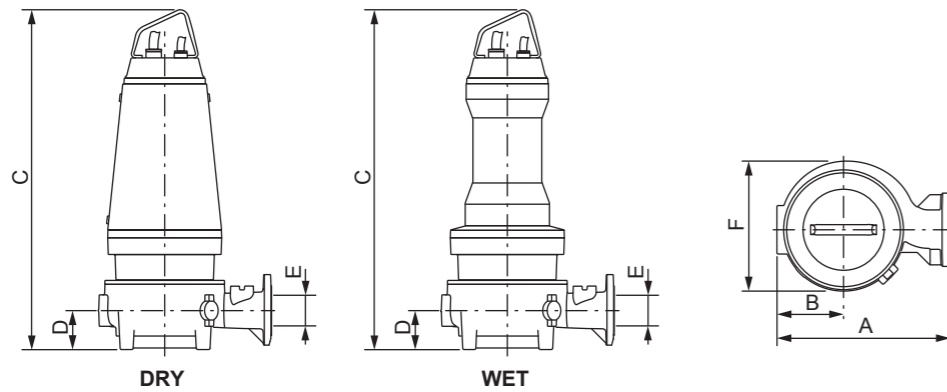
Open channel impeller
 Free passage: 40 x 35 mm
 Discharge: DN65 - PN10-16 EN 1092-2
 Suction: DN80



Motor

Type	V/Phases	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
1.8/2 B	400/3	Dir	3.8	0.80	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

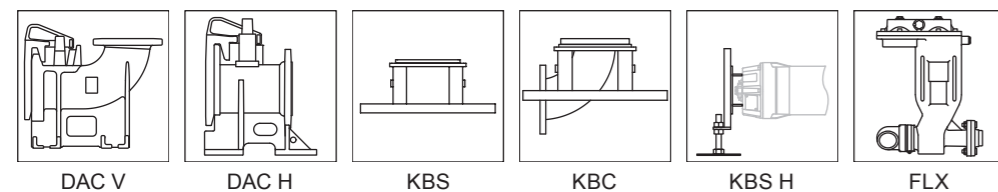
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 065A 1.8/2 BW (D)	343	125	615	615	80	65	255	58.8	58.8
MQB OC 065A 2.2/2 BW	343	125	615	-	80	65	255	59.0	-
MQB OC 065A 3/2 BW	343	125	615	-	80	65	255	60.3	-

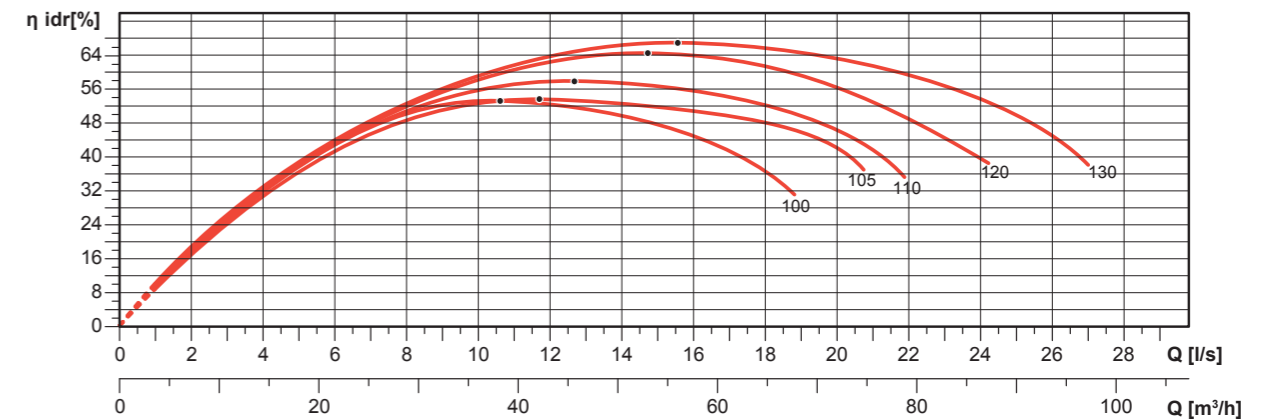
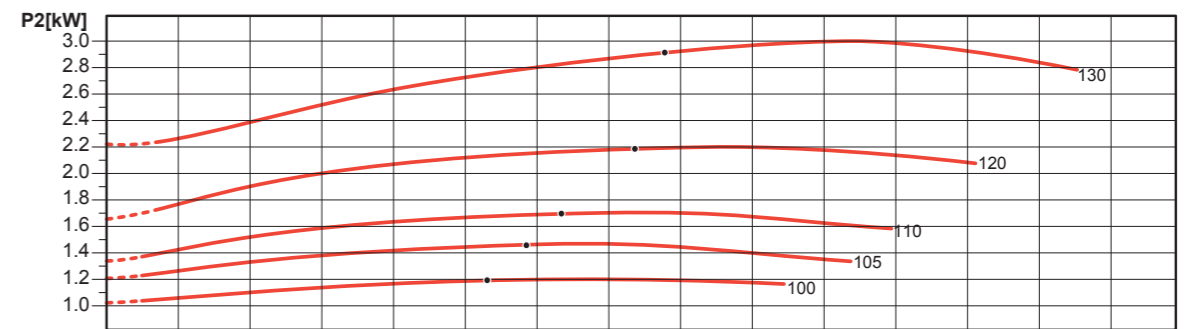
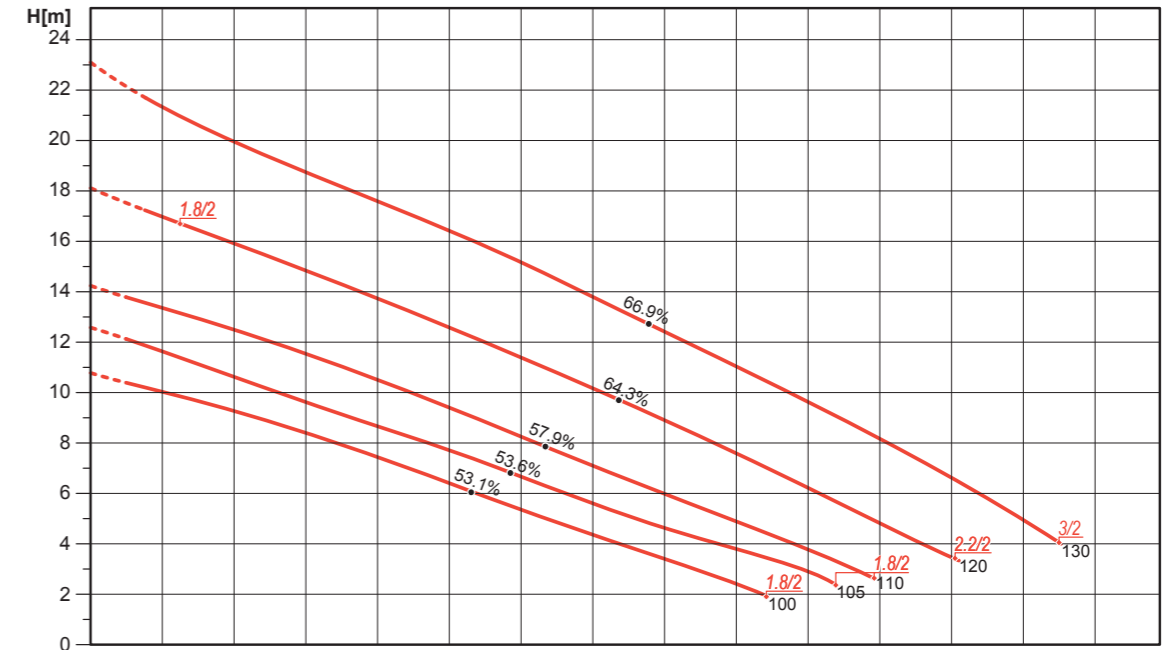
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)
80 mm discharge bore available

Available accessories



The data provided are not binding. Tsurumi reserves the right to modify any product without notice.

Performances



Characteristic curves according to UNI EN ISO 9906

MQB 065B

1.8 - 2.2 kW - 2 poles

MQB 065B

Hydraulics

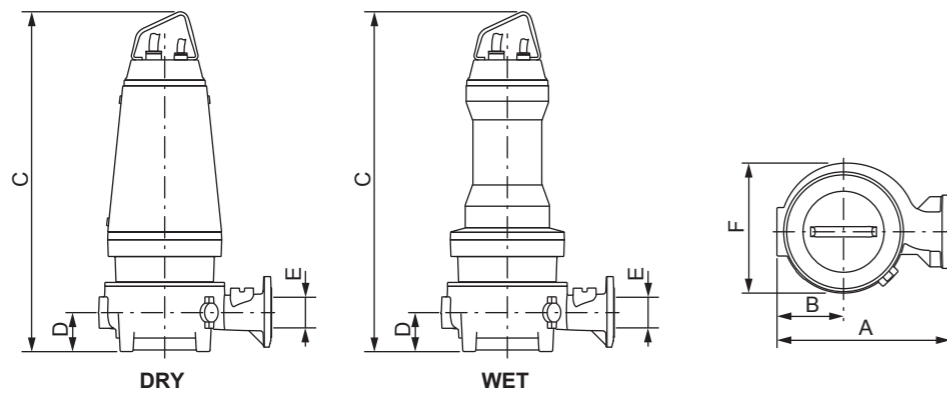
Open channel impeller
 Free passage: 35x30 mm
 Discharge: DN65 - PN10-16 EN 1092-2
 Suction: DN80



Motor

Type	V/Phases	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
1.8/2 B	400/3	Dir	3.8	0.80	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

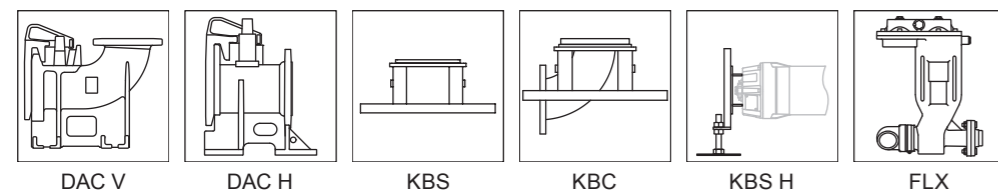
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 065B 1.8/2 BW (D)	343	136	615	615	80	65	255	50.8	50.8
MQB 065B 2.2/2 BW	343	136	615	-	80	65	255	51.0	-

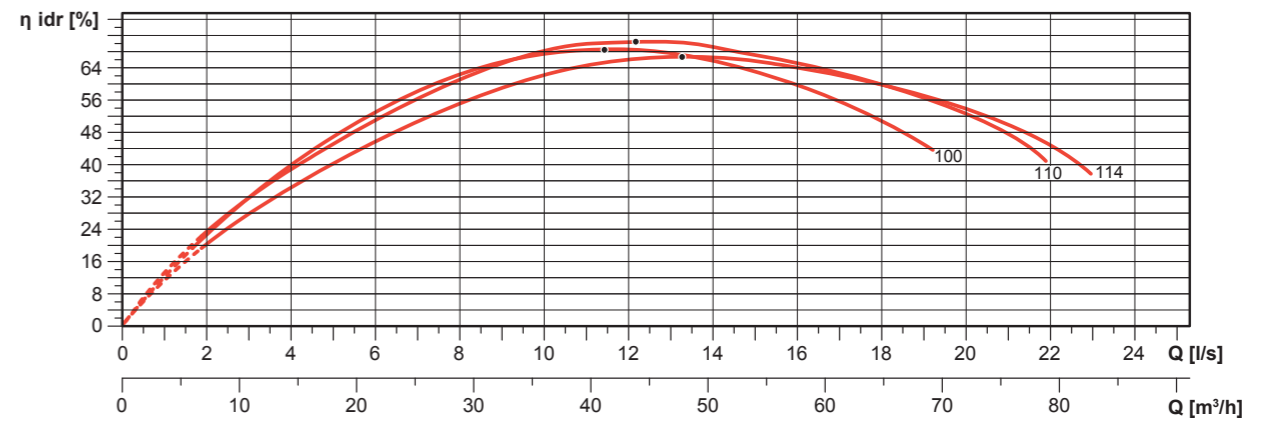
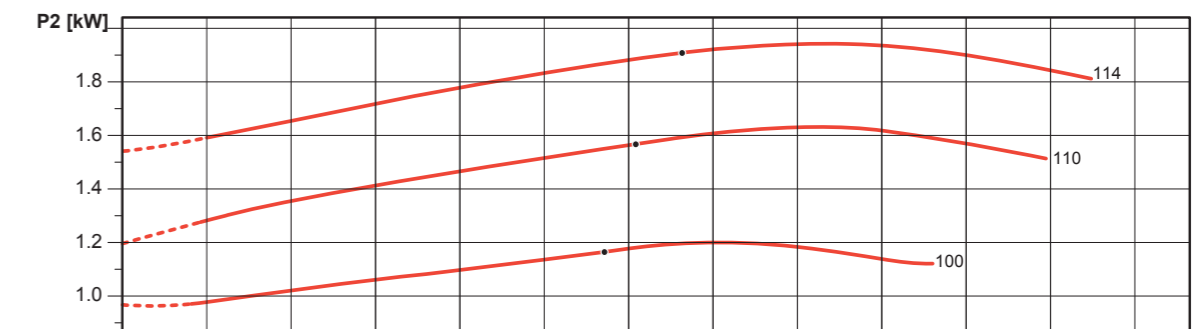
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)
 80 mm discharge bore available

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQB 080A

4 - 11 kW - 2 poles

MQB 080A

Hydraulics

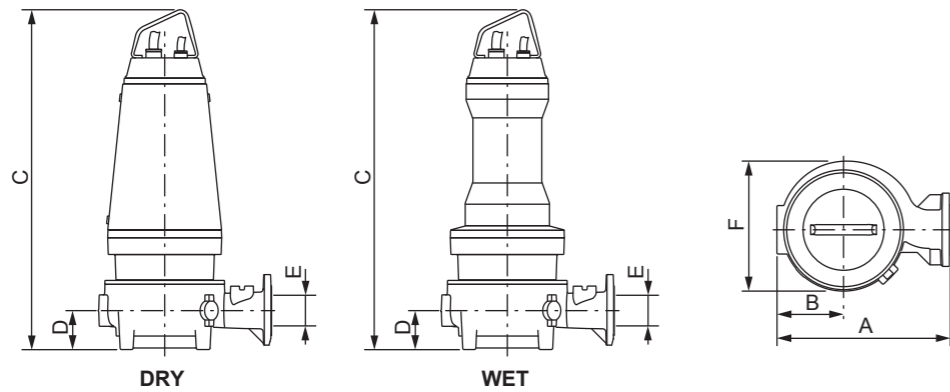
Open channel impeller
 Free passage: 40 mm
 Discharge: DN80 - PN10-16 EN 1092-2
 Suction: DN80



Motor

Type	V/Phases	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
4/2 B	400-700/3	Y Δ	8.3	0.79	4.5	4.0	88.1	IE3
5.5/2 B	400-700/3	Y Δ	10.2	0.87	6.2	5.5	89.2	IE3
7.5/2 B	400-700/3	Y Δ	14.1	0.85	8.3	7.5	90.1	IE3
9/2 B	400-700/3	Y Δ	16.6	0.87	9.9	9.0	90.7	IE3
11/2 B	400-700/3	Y Δ	20.0	0.87	11.0	12.0	91.7	IE3

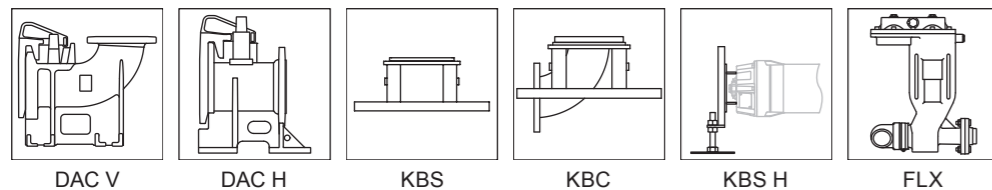
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 080A 4/2 BW	327	142	707	-	91	80	271	70.7	-
MQB 080A 5.5/2 BW	327	142	785	-	91	80	271	79.7	-
MQB 080A 7.5/2 BW	327	142	850	-	91	80	271	104	-
MQB 080A 9/2 BW	327	142	850	-	91	80	271	107	-
MQB 080A 11/2 BW	327	142	850	-	91	80	271	110	-

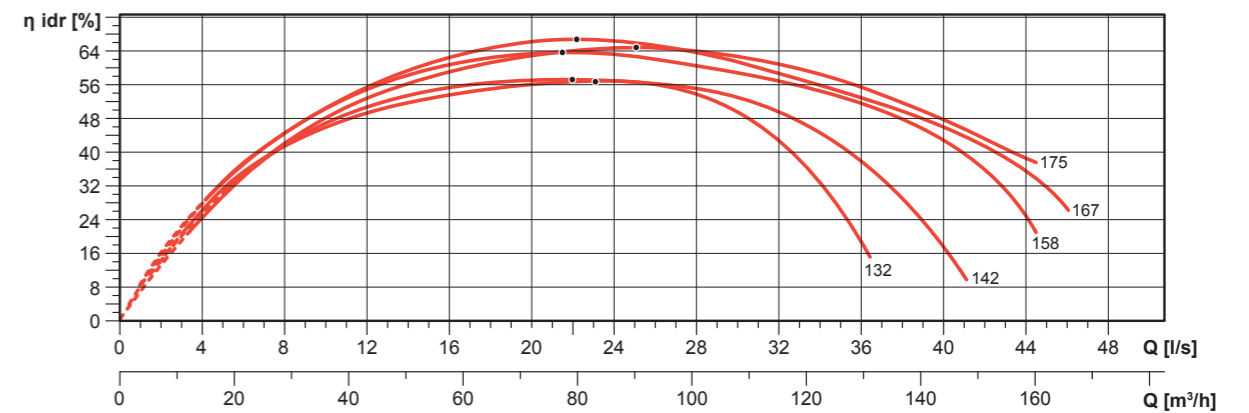
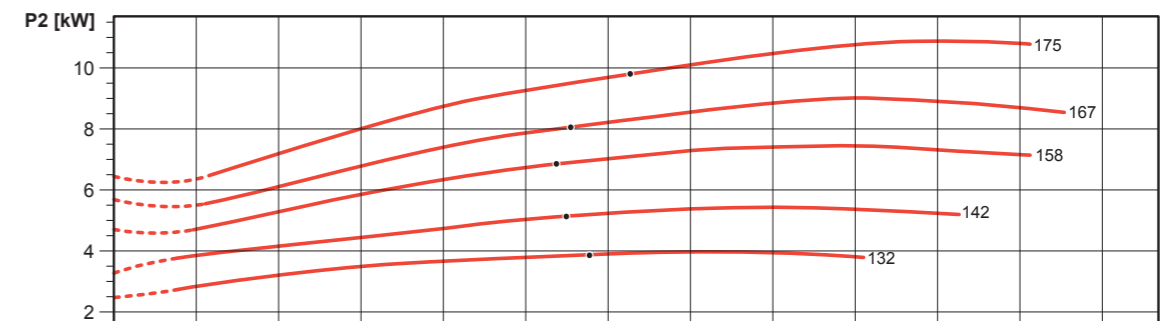
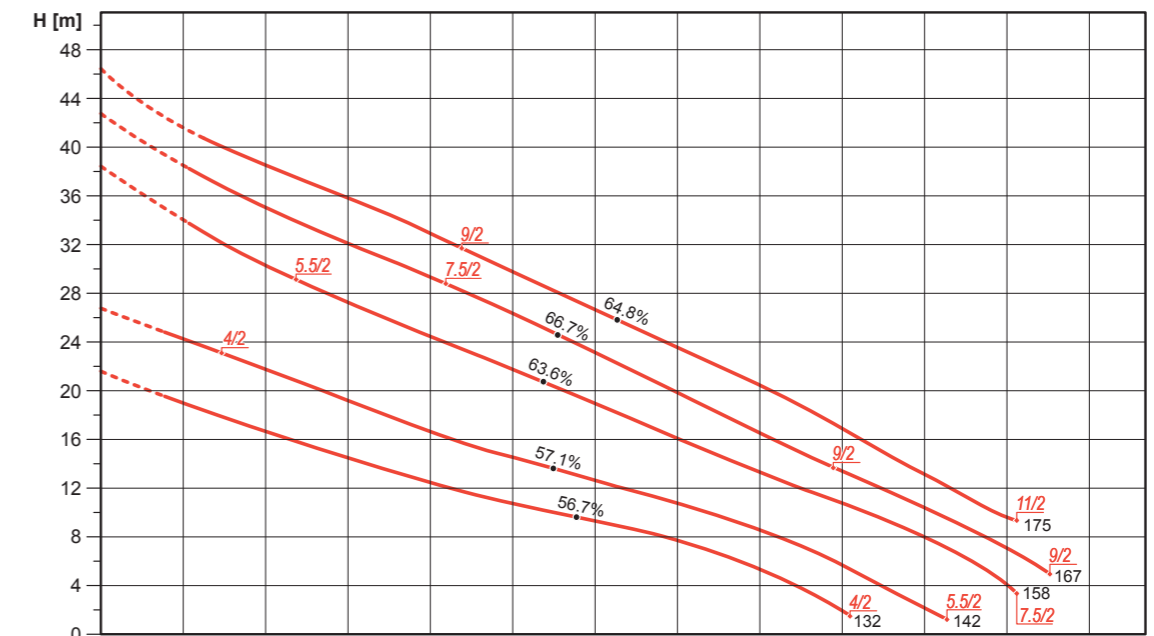
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQB 080B

4 - 11 kW - 2 poles

MQB 080B

Hydraulics

Open channel impeller

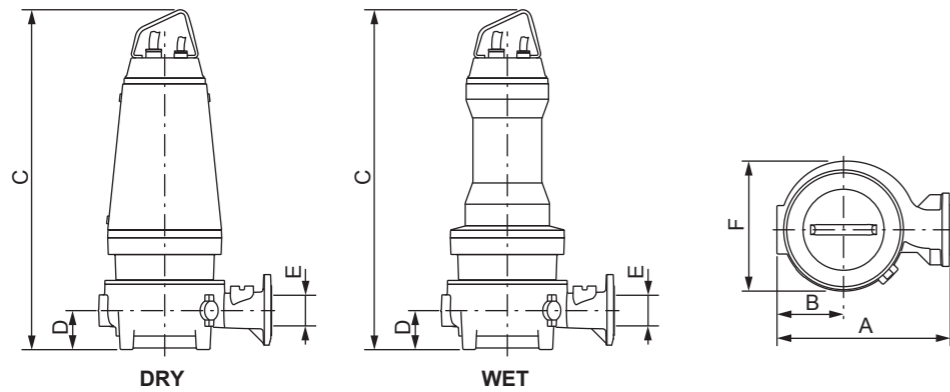
Free passage: 55 x 50 mm
 Discharge: DN80 - PN10-16 EN 1092-2
 Suction: DN80



Motor

Type	V/Phases	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
4/2 B	400-700/3	Y Δ	8.3	0.79	4.5	4.0	88.1	IE3
5.5/2 B	400-700/3	Y Δ	10.2	0.87	6.2	5.5	89.2	IE3
7.5/2 B	400-700/3	Y Δ	14.1	0.85	8.3	7.5	90.1	IE3
9/2 B	400-700/3	Y Δ	16.6	0.87	9.9	9.0	90.7	IE3
11/2 B	400-700/3	Y Δ	20.0	0.87	11.0	12.0	91.7	IE3

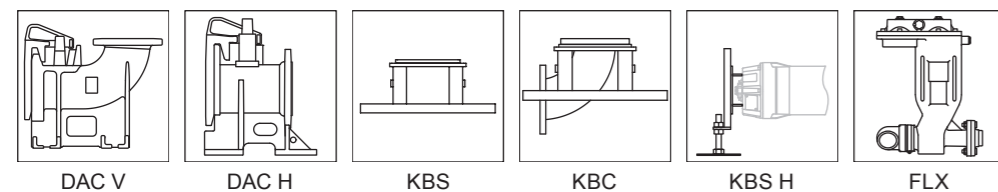
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 080B 4/2 BW	327	142	707	-	91	80	271	70.7	-
MQB 080B 5.5/2 BW	327	142	785	-	91	80	271	79.7	-
MQB 080B 7.5/2 BW	327	142	850	-	91	80	271	104	-
MQB 080B 9/2 BW	327	142	850	-	91	80	271	107	-
MQB 080B 11/2 BW	327	142	850	-	91	80	271	110	-

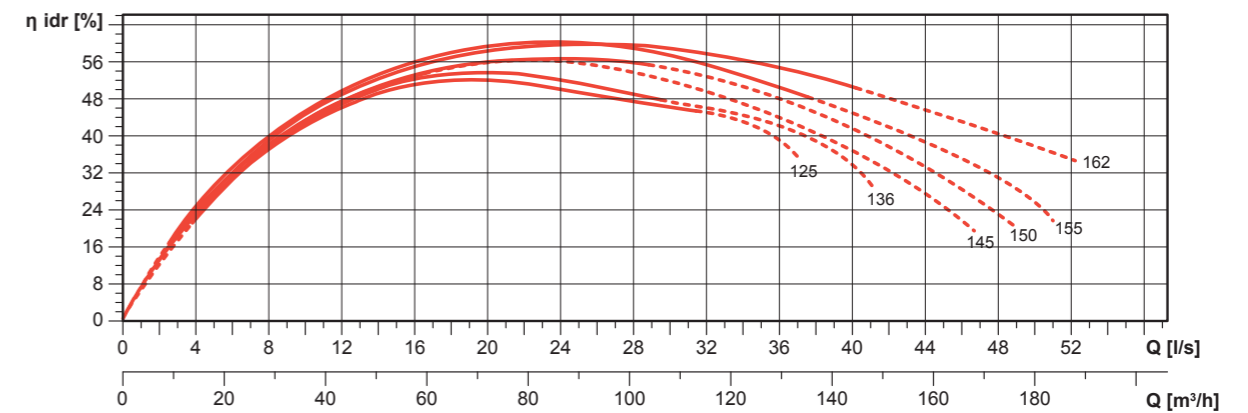
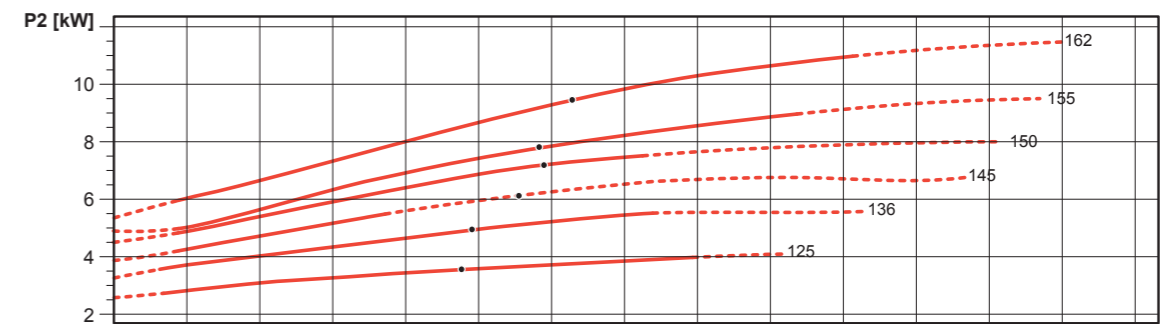
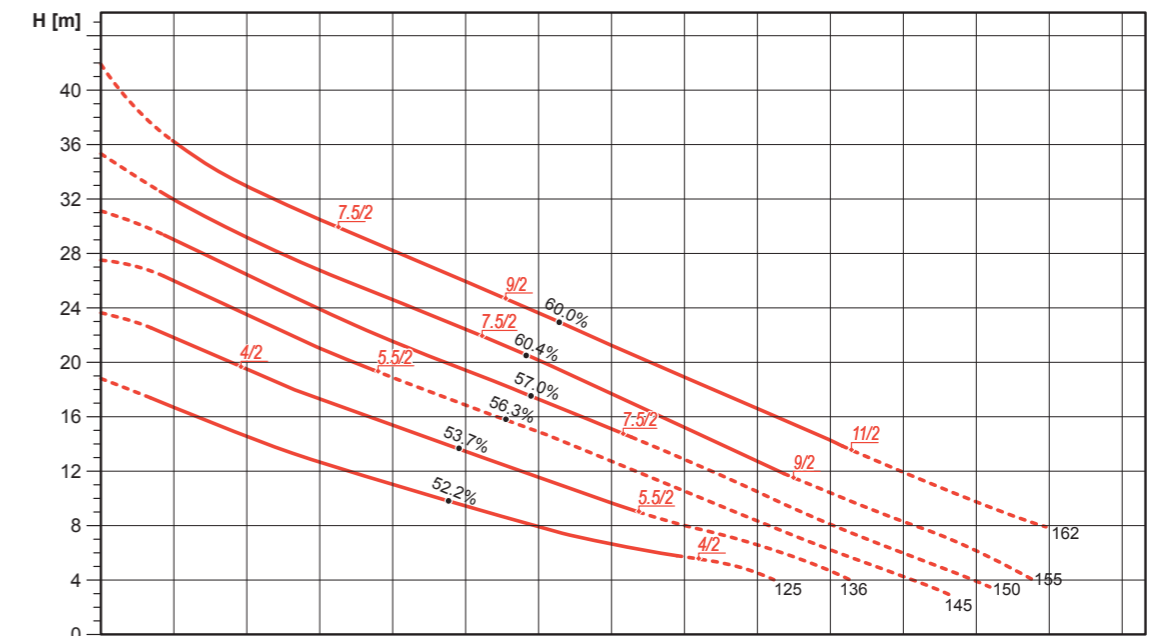
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



The data provided are not binding. Tsurumi reserves the right to modify any product without notice.

Performances



Characteristic curves according to UNI EN ISO 9906

MQB 080D

4 - 11 kW - 4 poles

MQB 080D

Hydraulics

Open channel impeller

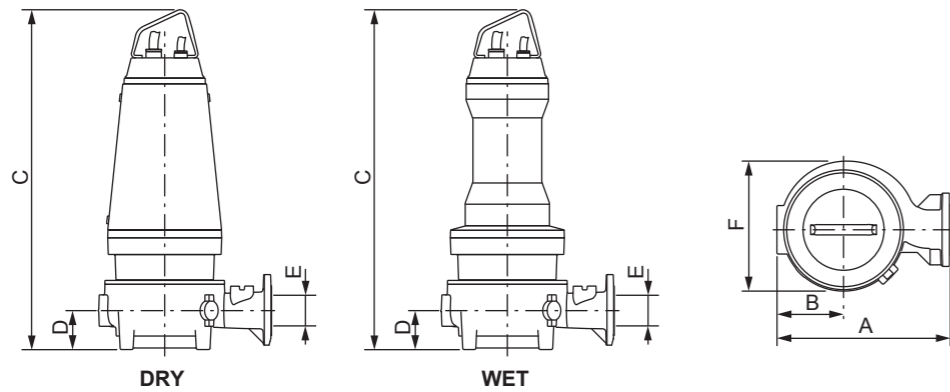
Free passage: 65 x 60 mm
 Discharge: DN80 - PN10-16 EN 1092-2
 Suction: DN150



Motor

Type	V/Phases	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

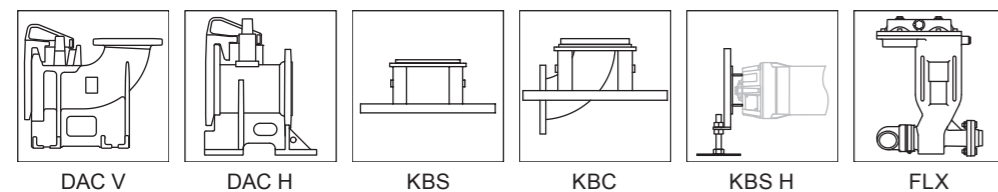
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 080D 4/4 AW (D)	481	188	950	1025	124	80	375	174	259
MQB 080D 5.5/4 AW (D)	481	188	950	1025	124	80	375	177	261.3
MQB 080D 7.5/4 AW (D)	481	188	1025	1025	124	80	375	226.3	263
MQB 080D 9/4 AW (D)	481	188	1115	1115	124	80	375	247.3	280.3
MQB 080D 11/4 AW (D)	494	201	1165	1165	124	80	403	298.5	345.5

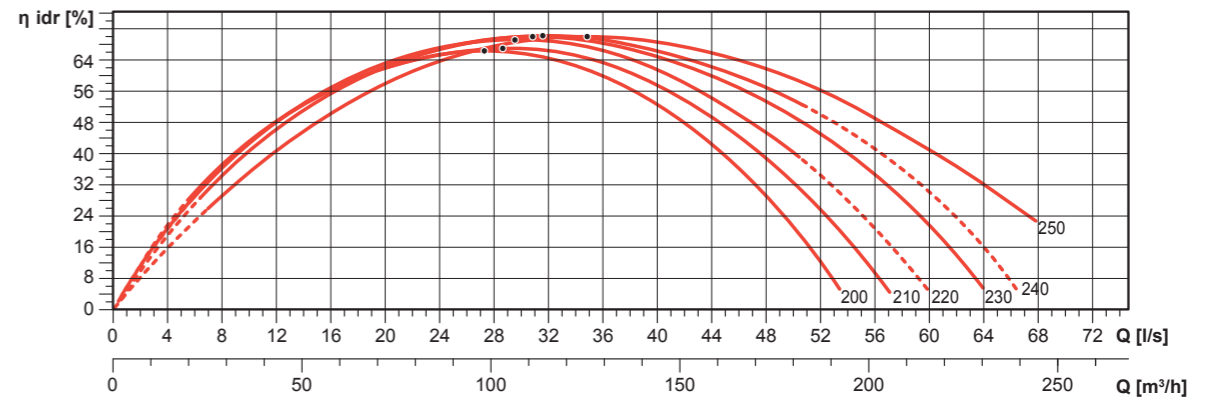
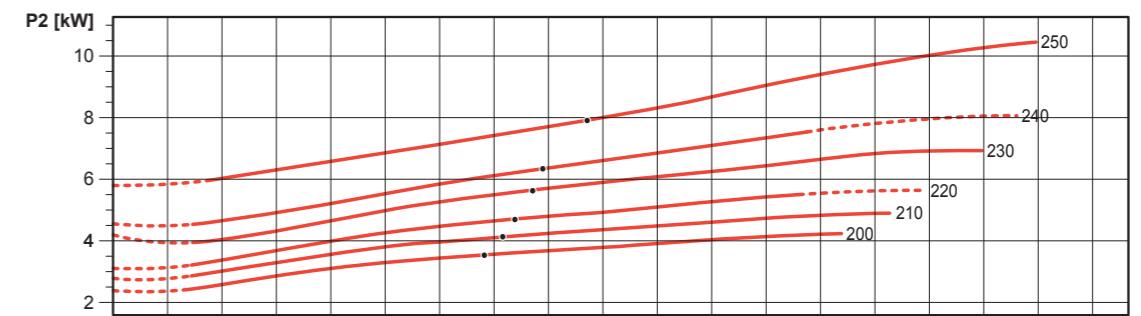
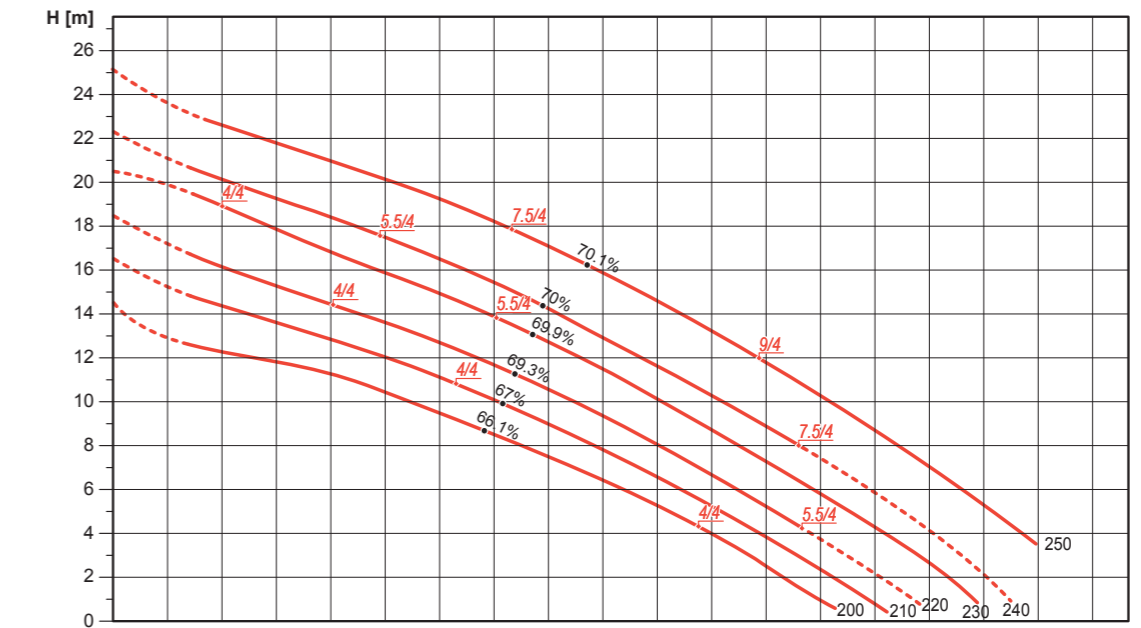
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



The data provided are not binding. Tsurumi reserves the right to modify any product without notice.

Performances



Characteristic curves according to UNI EN ISO 9906

MQB 080E

1.8 - 3 kW - 2 poles

MQB 080E

Hydraulics

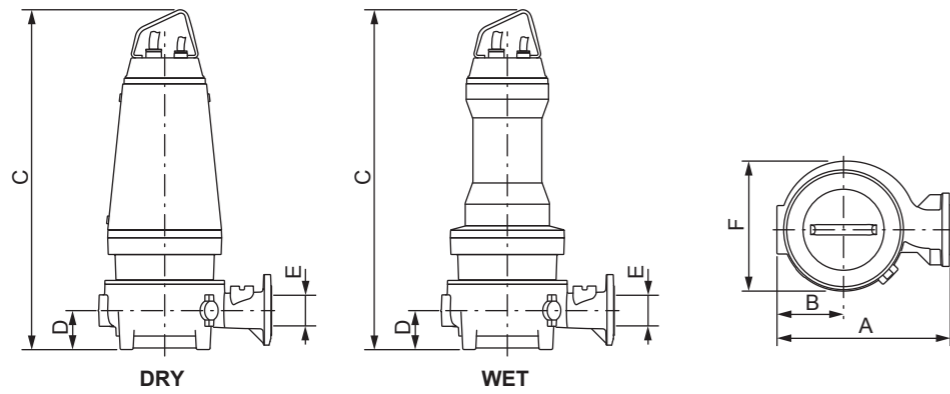
Open channel impeller
 Free passage: 40 x 35 mm
 Discharge: DN80 - PN10-16 EN 1092-2
 Suction: DN80



Motor

Type	V/Phases	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

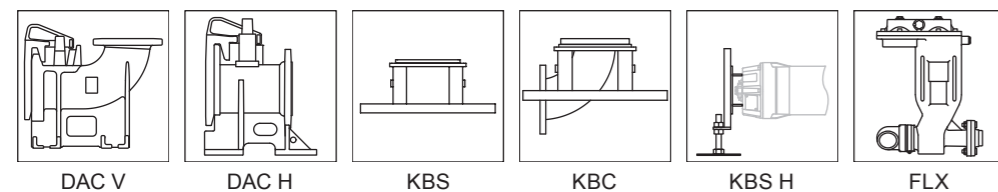
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 080E 1.8/2 BW (D)	345	135	614	614	80	80	252	47.8	47.8
MQB 080E 2.2/2 BW	345	135	614	-	80	80	252	48	-
MQB 080E 3/2 BW	345	135	614	-	80	80	252	49.3	-

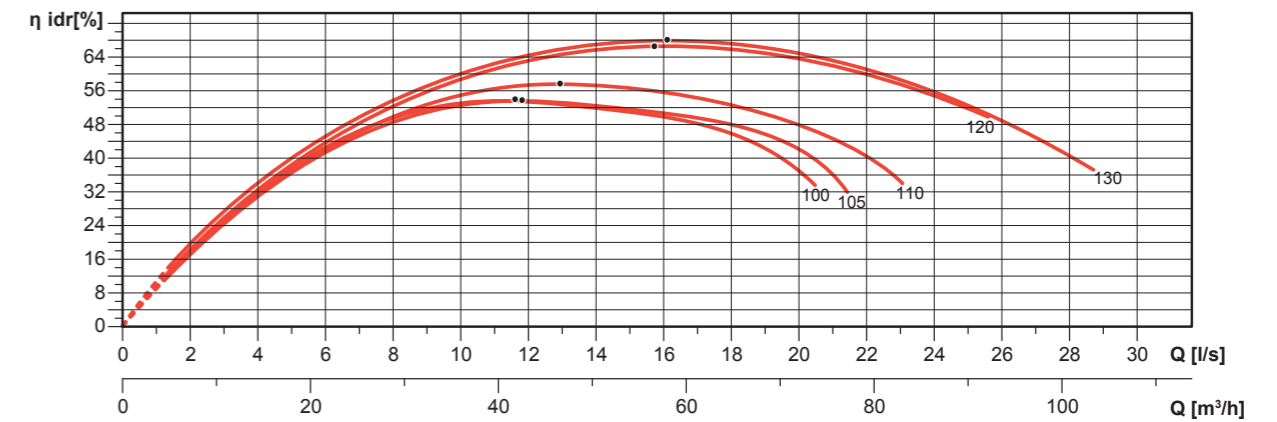
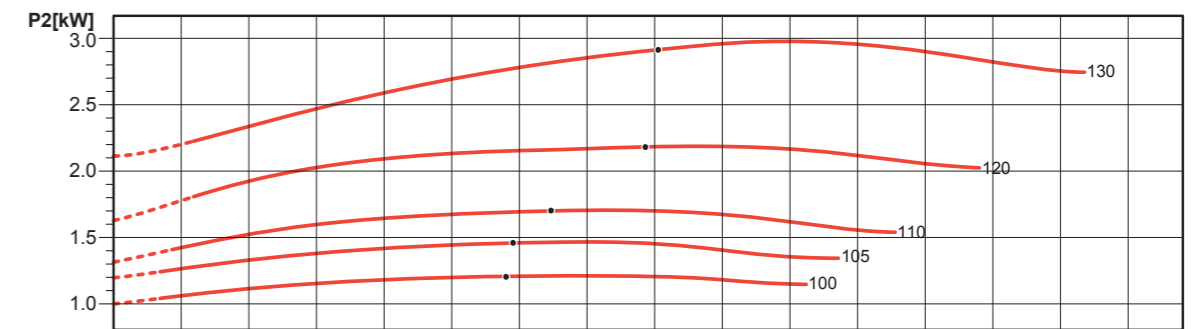
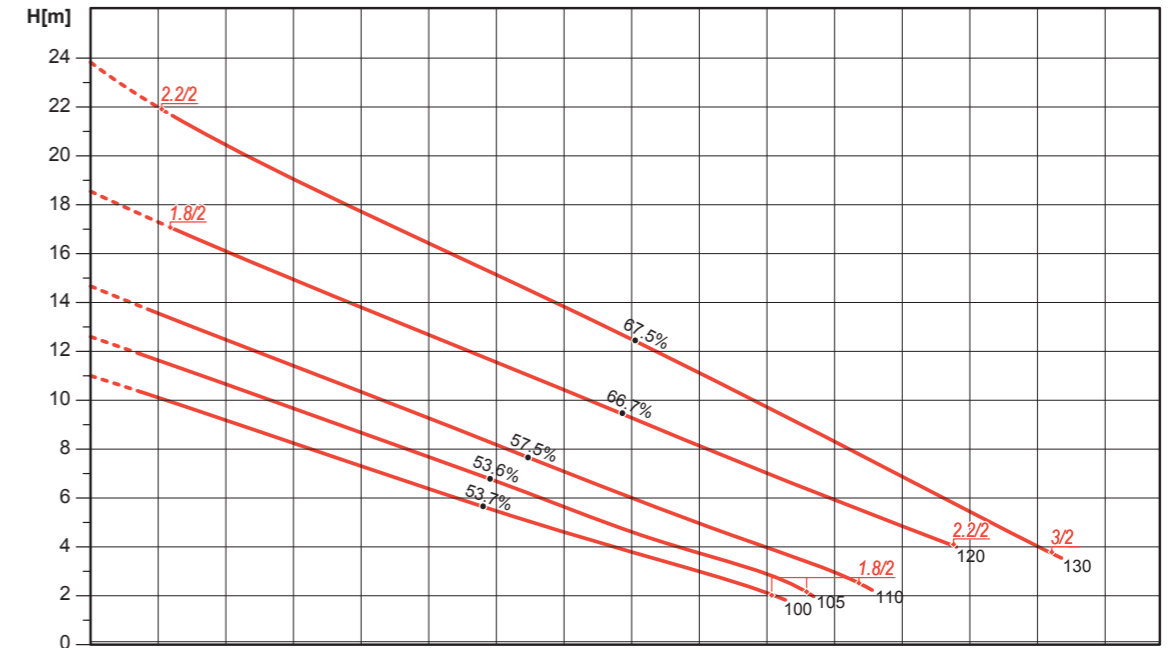
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



The data provided are not binding. Tsurumi reserves the right to modify any product without notice.

Performances



Characteristic curves according to UNI EN ISO 9906

MQB 080G

15 - 18.5 kW - 2 poles

MQB 080G

Hydraulics

Open channel impeller

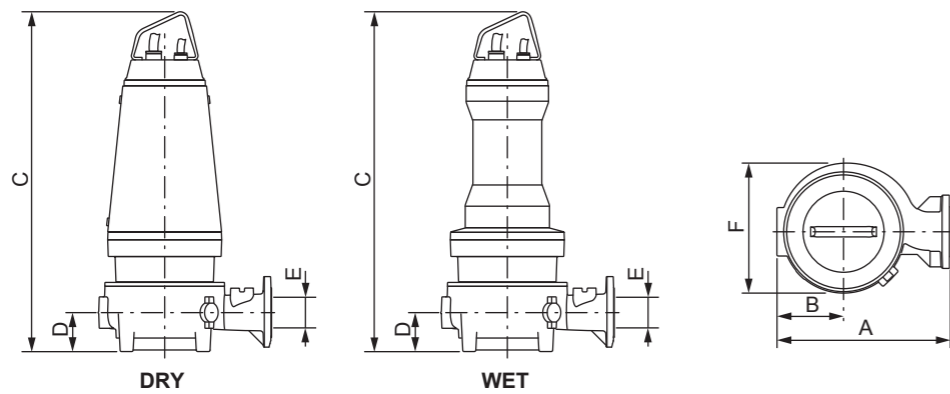
Free passage: 75 mm
 Discharge: DN80 - PN10-16 EN 1092-2
 Suction: DN80



Motor

Type	V/Phases	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

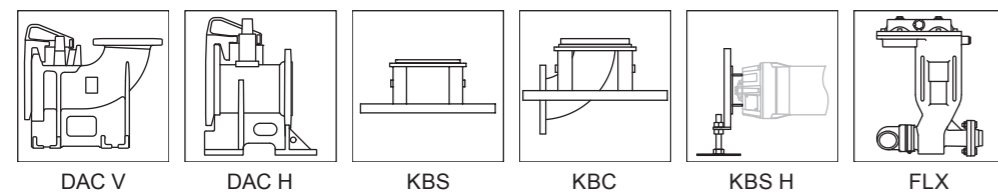
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 080G 15/2 BW	393	151	1033	-	88	80	293	209	-
MQB 080G 18.5/2 BW	393	151	1067	-	88	80	293	218.5	-

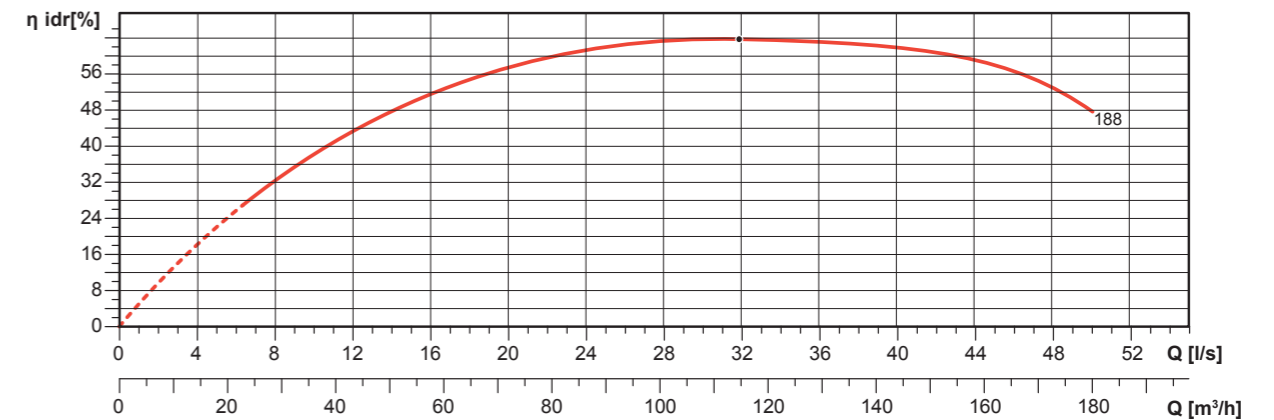
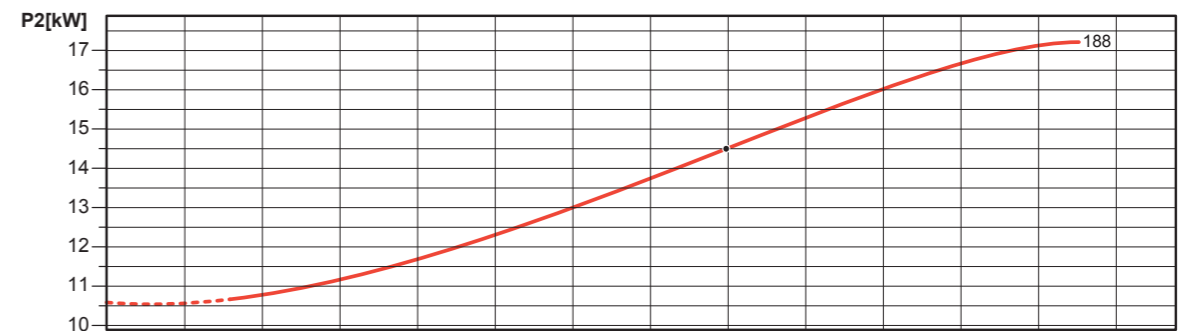
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



The data provided are not binding. Tsurumi reserves the right to modify any product without notice.

Performances



Characteristic curves according to UNI EN ISO 9906

MQB 080G

3 kW - 4 poles

MQB 080G

Hydraulics

Open channel impeller

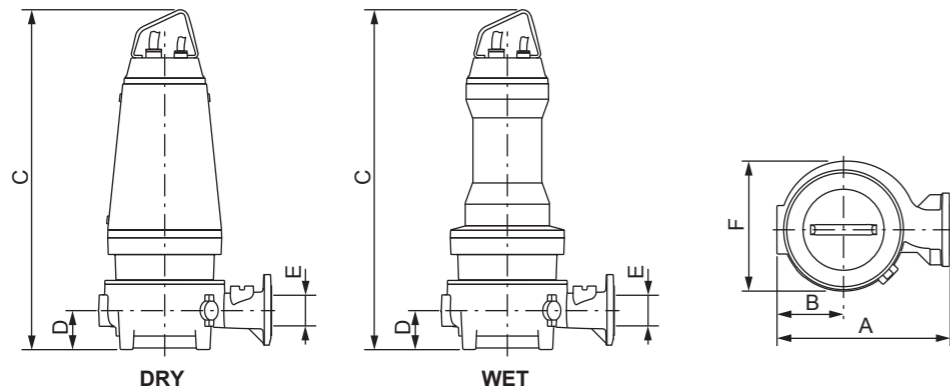
Free passage: 75 mm
 Discharge: DN80 - PN10-16 EN 1092-2
 Suction: DN80



Motor

Type	V/Phases	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
3/4 A	400-700/3	Y Δ	6.6	0.75	3.4	3.0	87.7	IE3

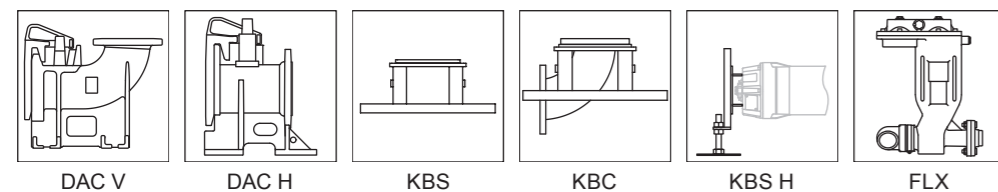
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 080G 3/4 AW	393	151	801	-	88	80	303	125	-

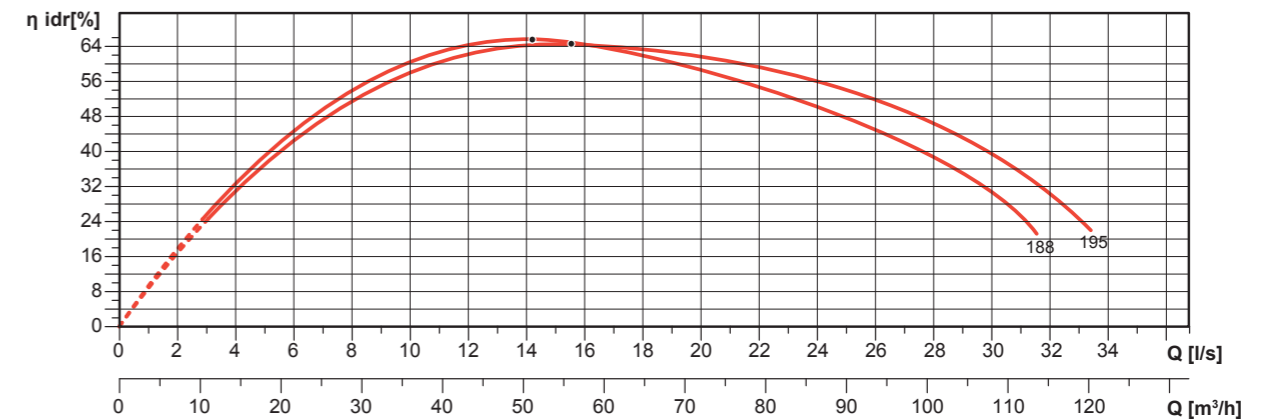
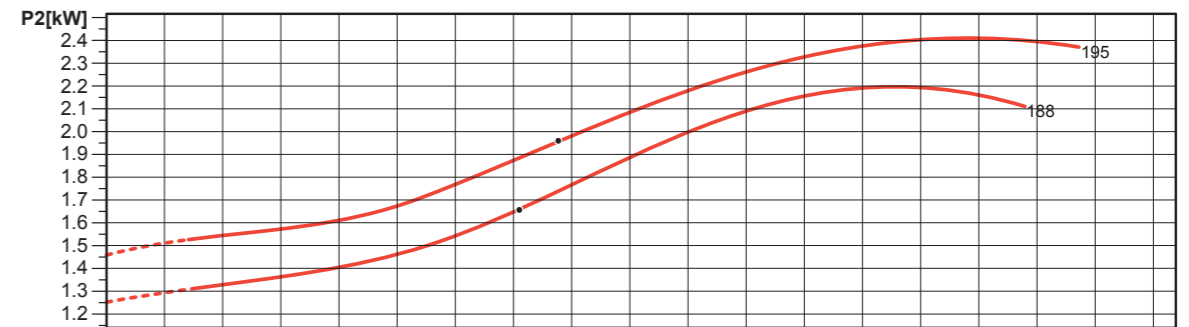
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQB 080H

3 - 4 kW - 4 poles

MQB 080H

Hydraulics

Open channel impeller

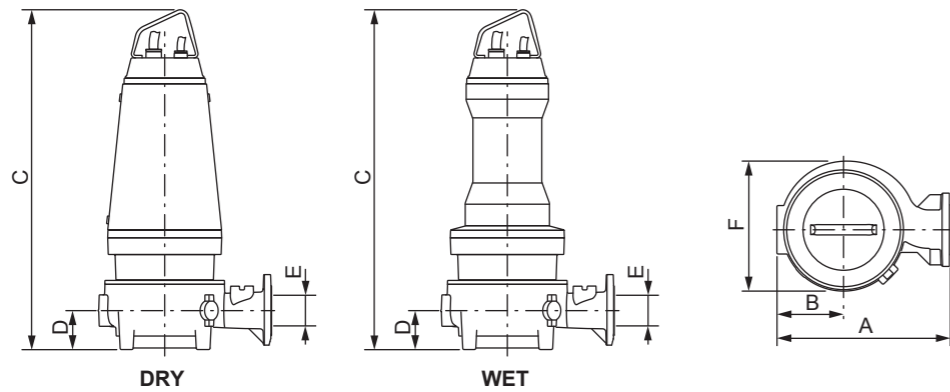
Free passage: 75 mm
 Discharge: DN80 - PN10-16 EN 1092-2
 Suction: DN100



Motor

Type	V/Phases	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
3/4 A	400-700/3	Y Δ	6.6	0.75	3.4	3.0	87.7	IE3
4/4 A	400-700/3	Y Δ	8.4	0.77	4.5	4.0	88.7	IE3

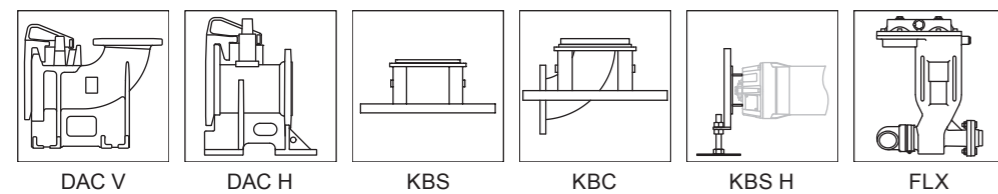
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 080H 3/4 AW	393	151	801	-	88	80	303	125	-
MQB 080H 4/4 AW	393	151	901	-	88	80	303	143	-

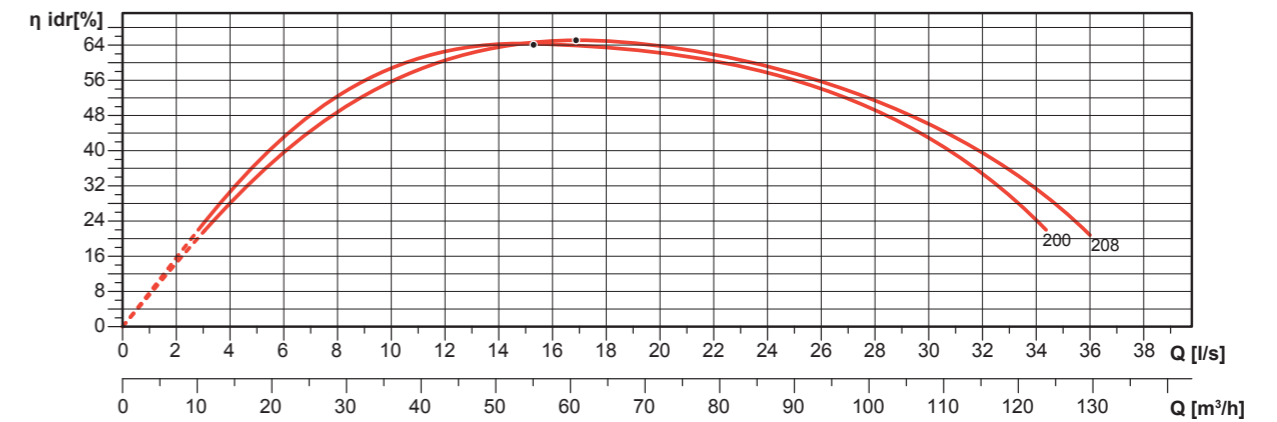
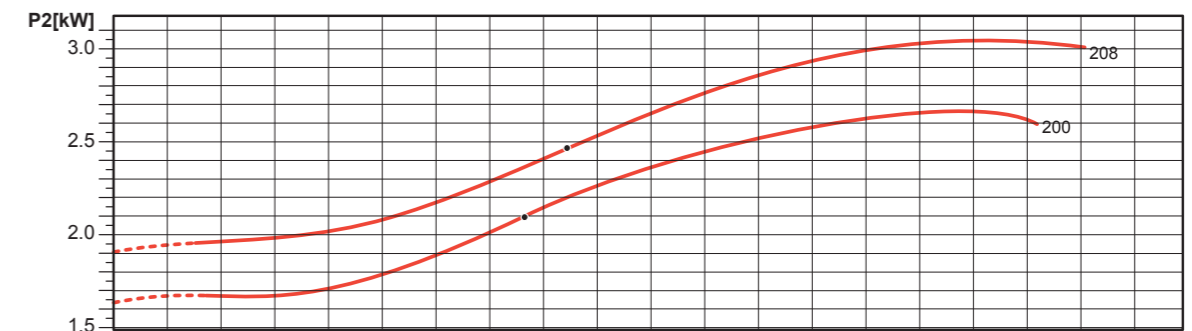
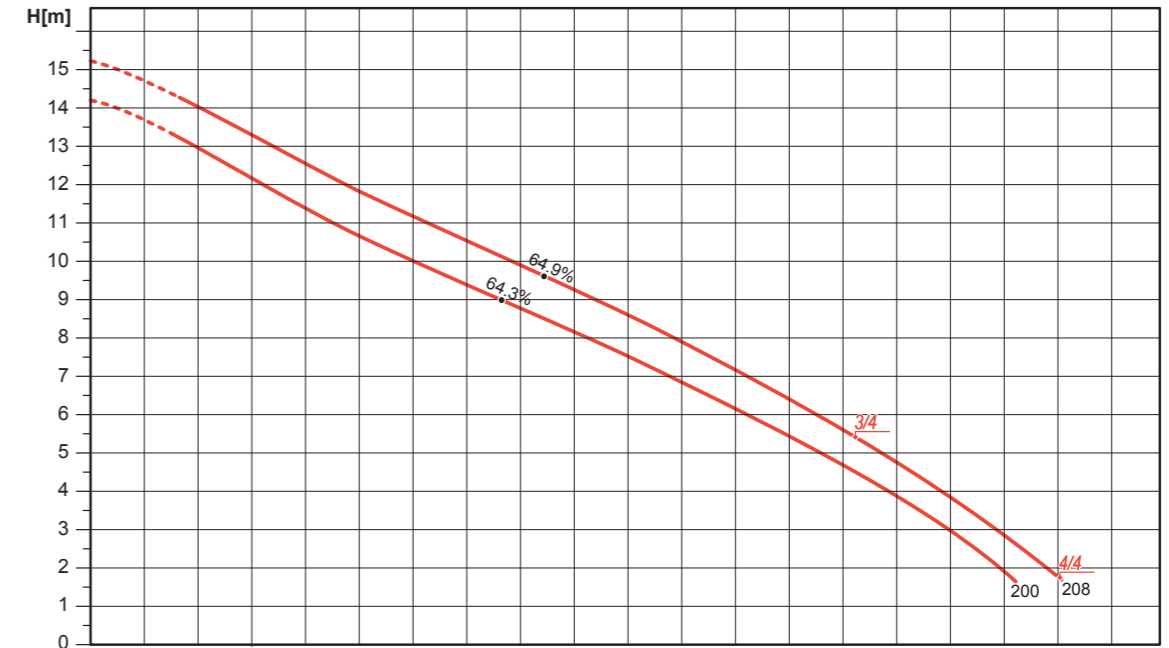
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQB 080H

1.1 kW - 6 poles

MQB 080H

Hydraulics

Open channel impeller

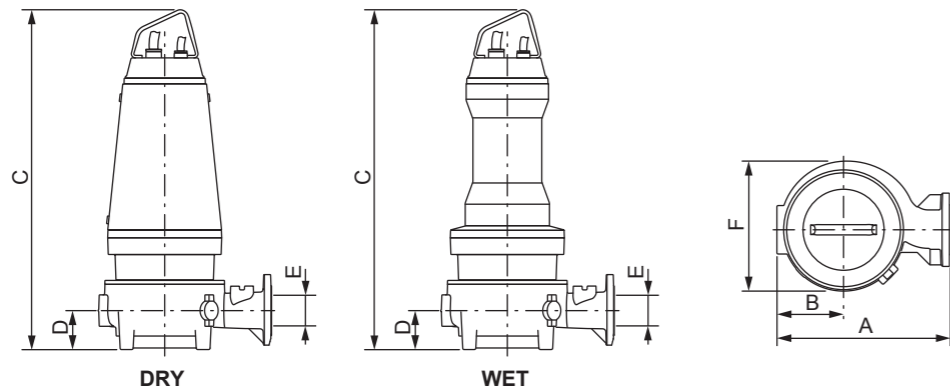
Free passage: 75 mm
 Discharge: DN80 - PN10-16 EN 1092-2
 Suction: DN100



Motor

Type	V/Phases	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
1.1/6 B	400-700/3	Y Δ	2.9	0.67	1.4	1.1	81.0	IE3

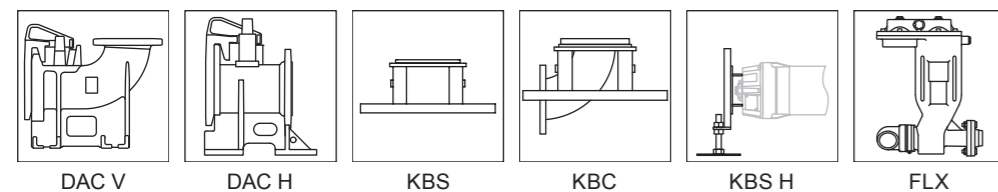
Overall dimensions and weight



	A	B	C mm		D	E	F	Kg	
	mm	mm	WET	DRY	mm	mm	mm	WET	DRY (+)
MQB 080H 1.1/6 BW	394	151	655	-	88	80	292	59	-

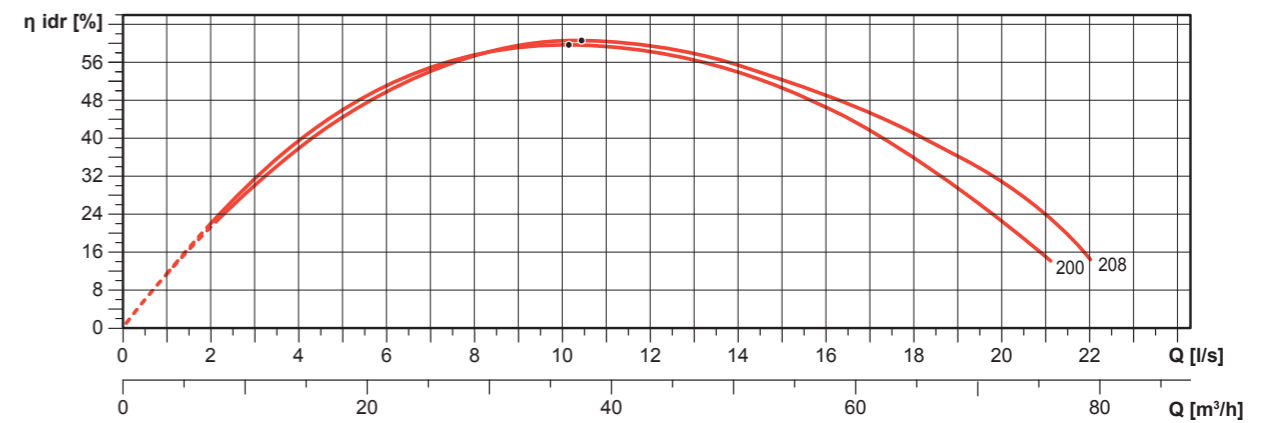
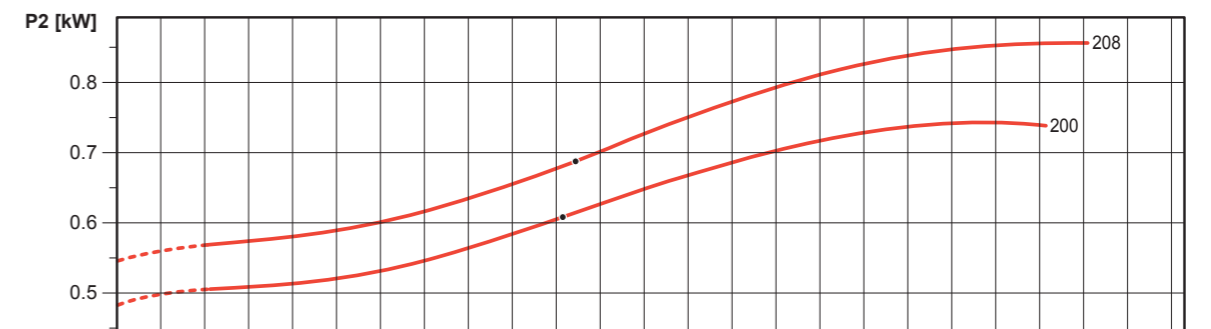
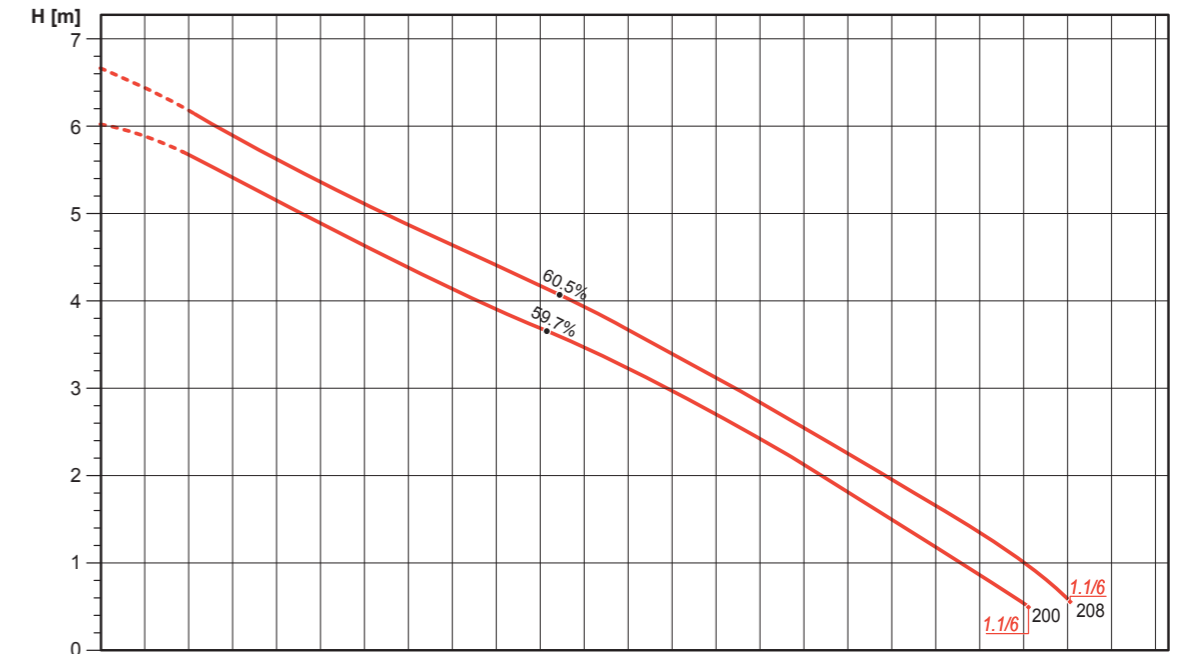
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQB 080N

1.1 kW - 6 poles

MQB 080N

Hydraulics

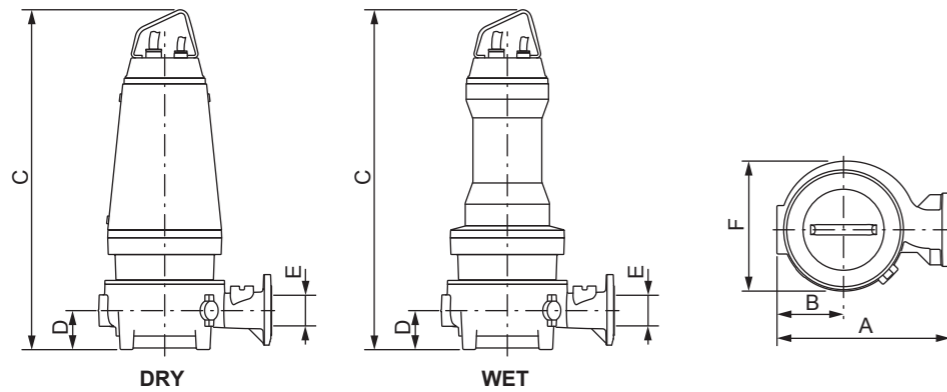
Open channel impeller
 Free passage: 60 mm
 Discharge: DN80 - PN10-16 EN 1092-2
 Suction: DN100



Motor

Type	V/Phases	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
1.1/6 B	400-700/3	Y Δ	2.9	0.67	1.4	1.1	81.0	IE3

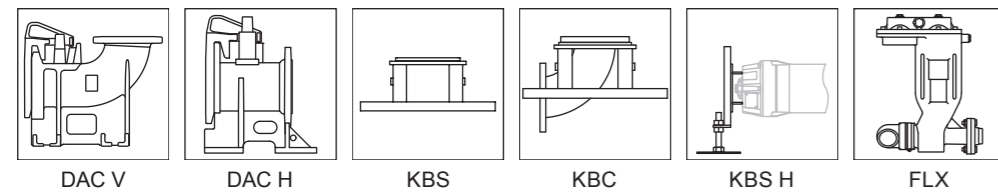
Overall dimensions and weight



	A	B	C mm		D	E	F	Kg	
	mm	mm	WET	DRY	mm	mm	mm	WET	DRY (+)
MQB 080N 1.1/6 BW	394	151	655	-	88	80	292	59	-

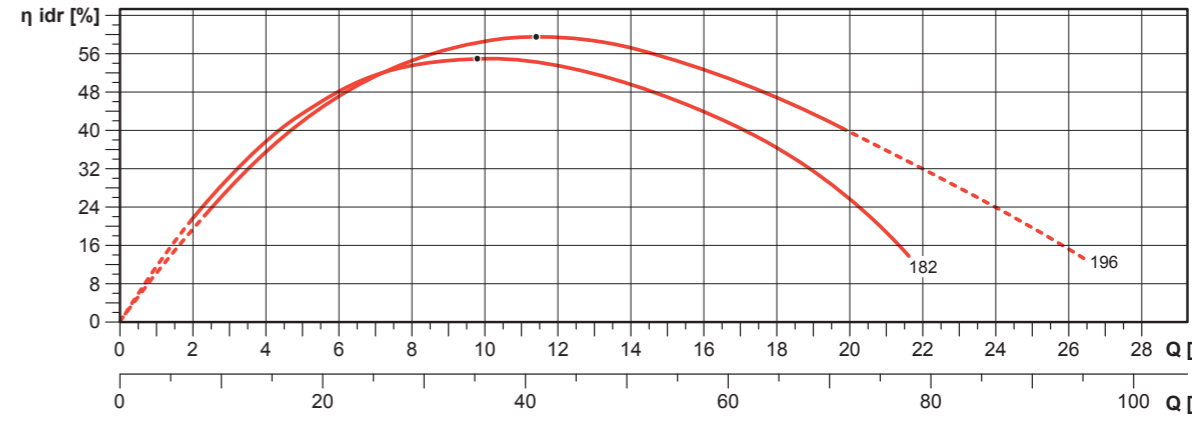
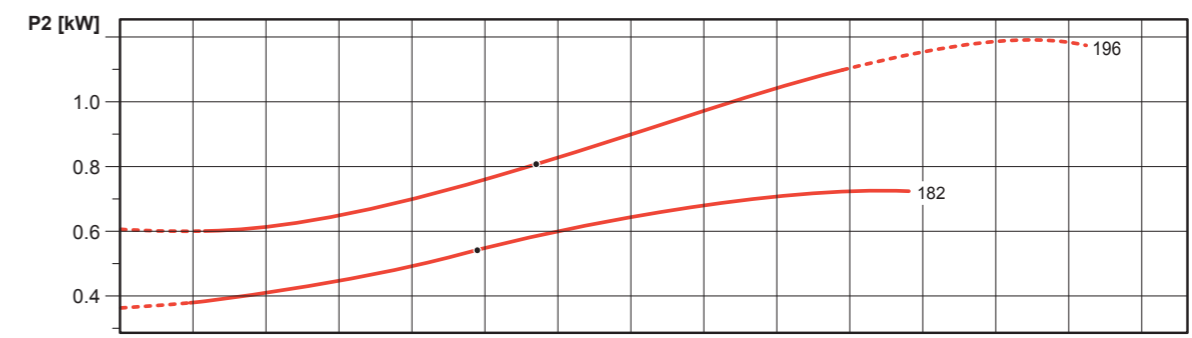
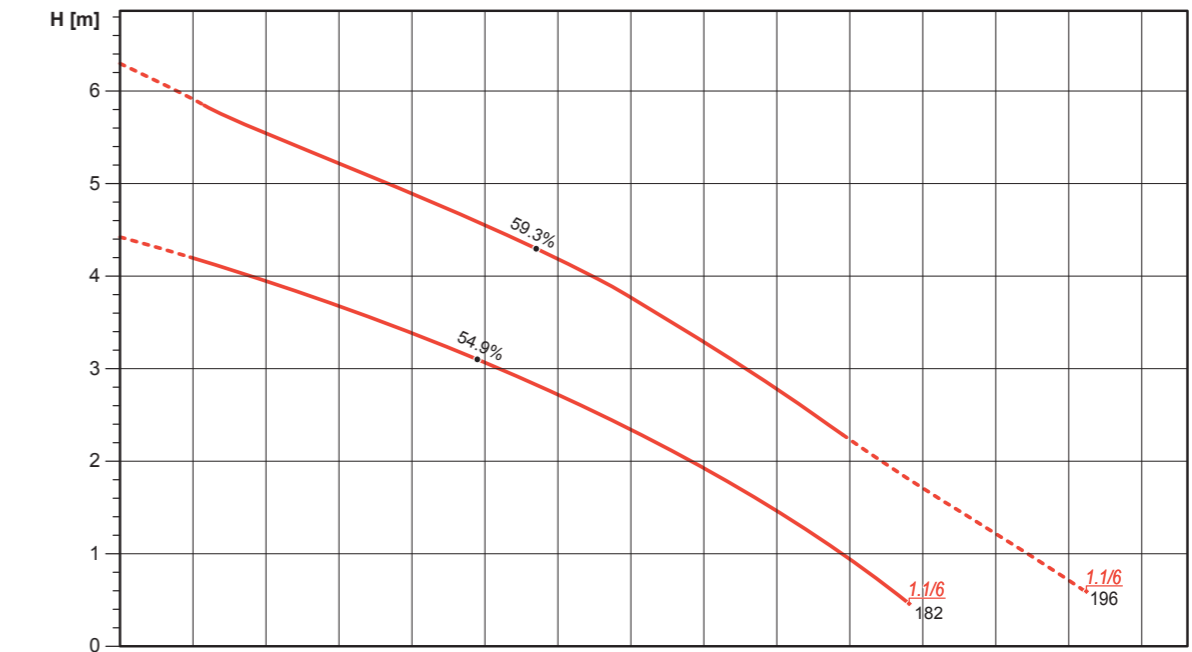
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



The data provided are not binding. Tsurumi reserves the right to modify any product without notice.

Performances



Characteristic curves according to UNI EN ISO 9906

MQB 100A

7.5 - 18.5 kW - 4 poles

MQB 100A

Hydraulics

Open channel impeller

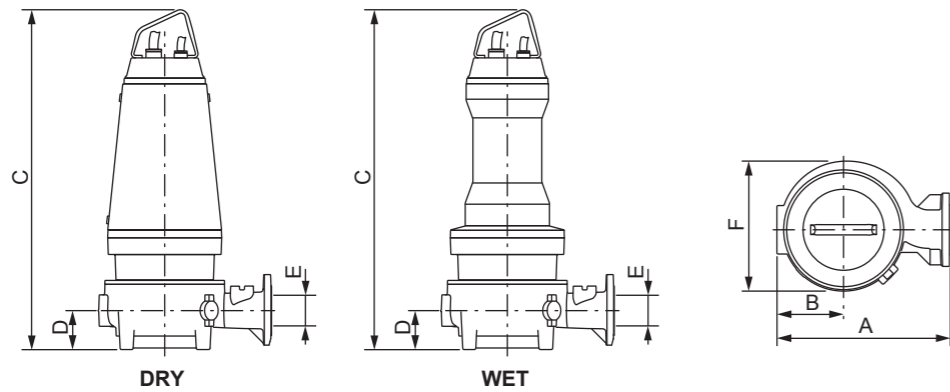
Free passage: 80 mm
 Discharge: DN100 - PN10-16 EN 1092-2
 Suction: DN150



Motor

Type	V/Phases	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
15/4 A	400-700/3	Y Δ	28.2	0.84	16.3	15.0	91.9	IE3
18.5/4 A	400-700/3	Y Δ	35.2	0.82	20.0	18.5	92.6	IE3

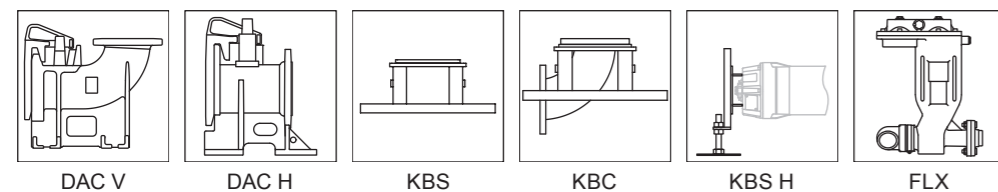
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 100A 7.5/4 AW (D)	548	208	1025	1025	124	100	414	240	275
MQB 100A 9/4 AW (D)	548	208	1115	1115	124	100	414	240	294
MQB 100A 11/4 AW (D)	548	208	1166	1166	124	100	414	312.2	359.2
MQB 100A 15/4 AW (D)	548	208	1166	1166	124	100	414	325.9	372.9
MQB 100A 18.5/4 AW (D)	561	221	1349	1349	124	100	443	410.5	463.5

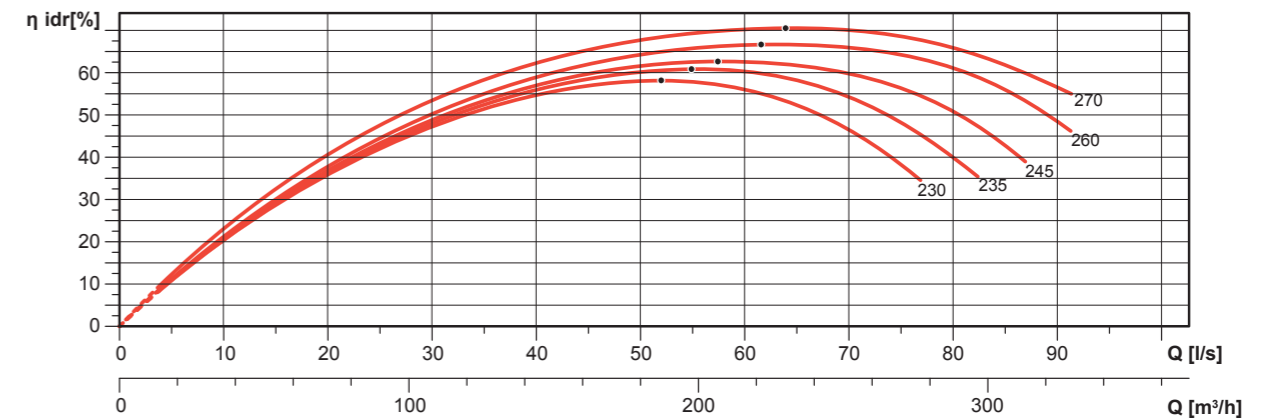
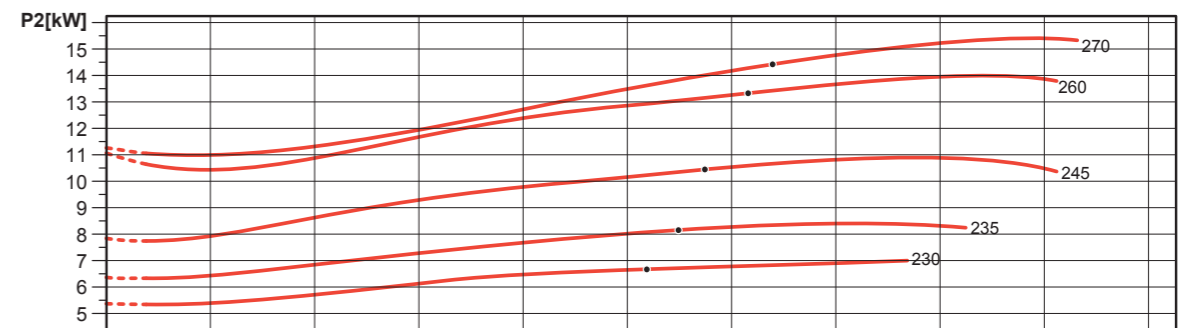
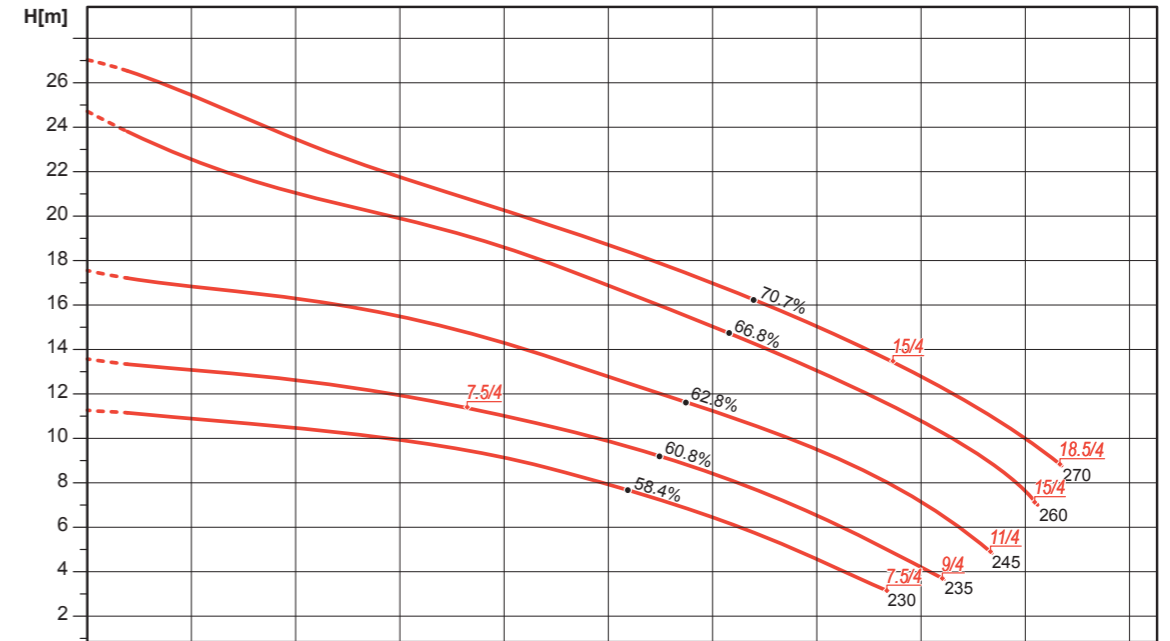
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



The data provided are not binding. Tsurumi reserves the right to modify any product without notice.

Performances



Characteristic curves according to UNI EN ISO 9906

MQB 100B

11 - 45 kW - 4 poles

MQB 100B

Hydraulics

Open channel impeller

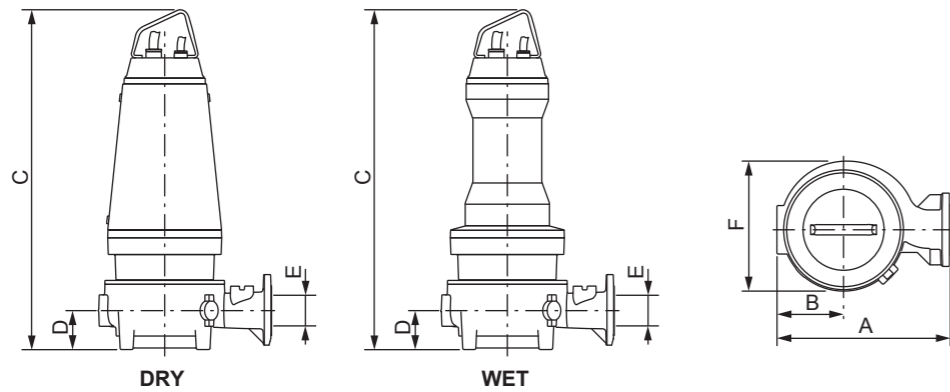
Free passage: 80 mm
 Discharge: DN100 - PN10-16 EN 1092-2
 Suction: DN150



Motor

Type	V/Phases	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
11/4 A	400-700/3	Y Δ	21.3	0.81	12.0	11.0	91.4	IE3
15/4 A	400-700/3	Y Δ	28.2	0.84	16.3	15.0	91.9	IE3
18.5/4 A	400-700/3	Y Δ	35.2	0.82	20.0	18.5	92.6	IE3

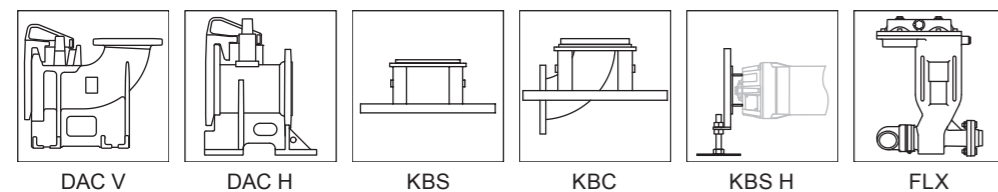
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 100B 11/4 AW (D)	590	240	1170	1170	120	100	475	313	360
MQB 100B 15/4 AW (D)	590	240	1170	1170	120	100	475	326	373
MQB 100B 18.5/4 AW (D)	590	240	1350	1350	120	100	475	411	464

(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

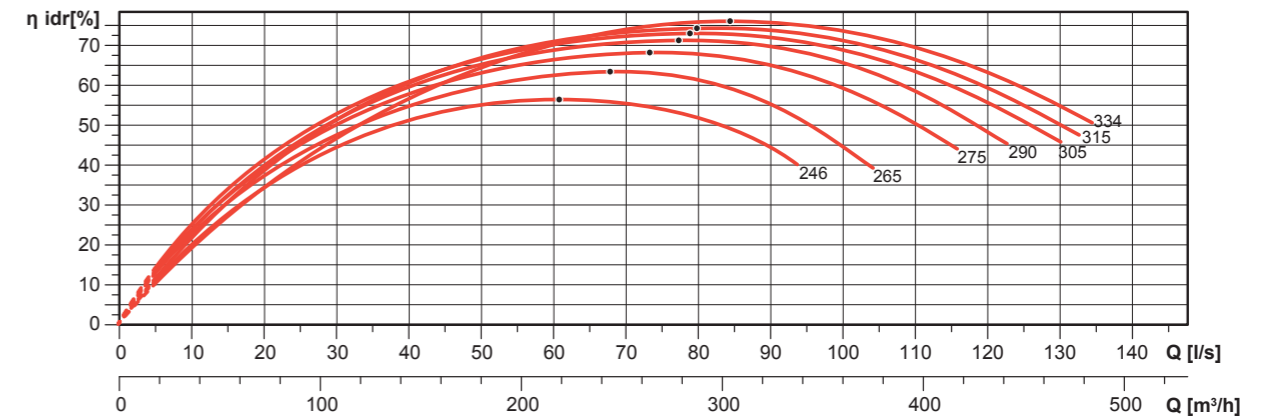
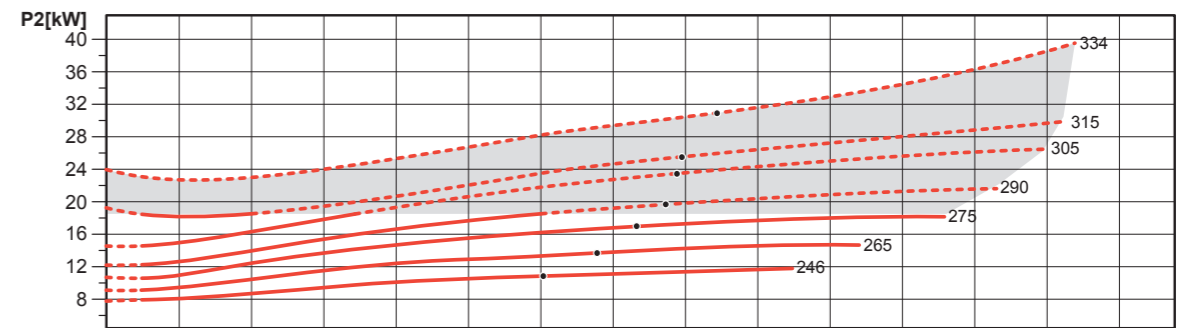
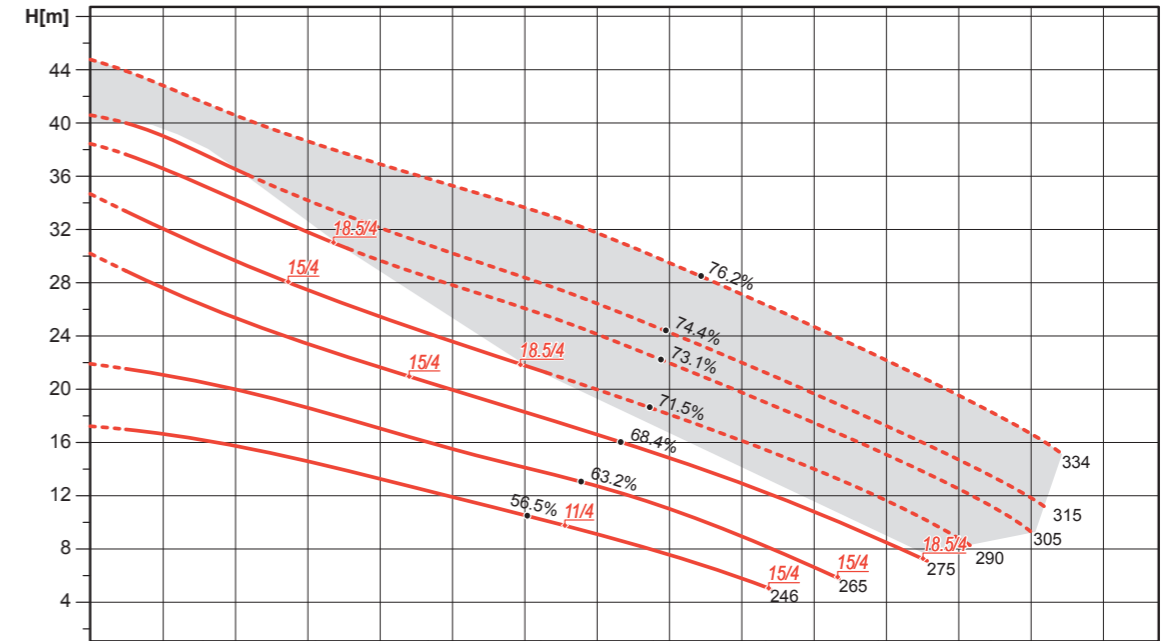
Available accessories



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Performances

Contact Tsurumi



Characteristic curves according to UNI EN ISO 9906

MQB 100E

4 - 9 kW - 4 poles

MQB 100E

Hydraulics

Open channel impeller

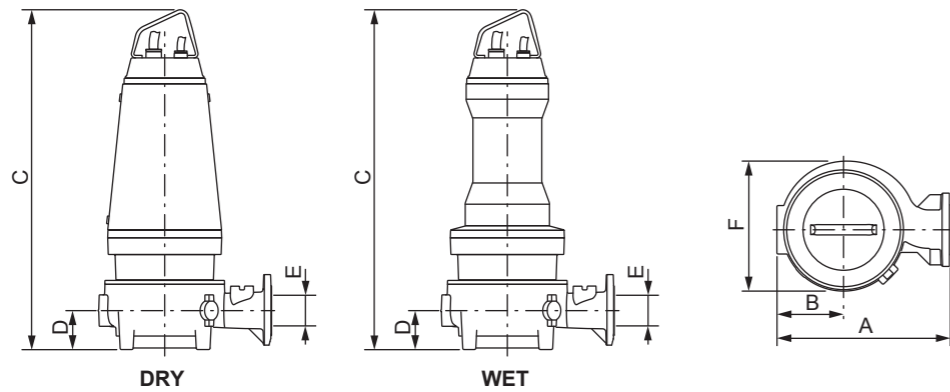
Free passage: 80 mm
 Discharge: DN100 - PN10-16 EN 1092-2
 Suction: DN150



Motor

Type	V/Phases	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

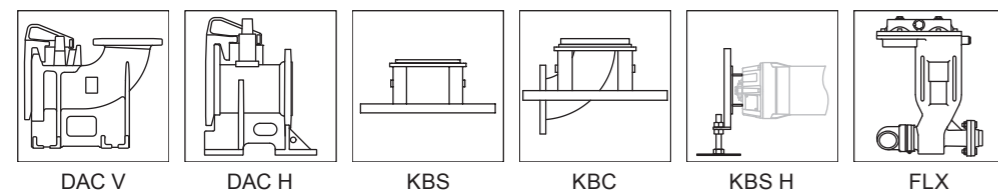
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 100E 4/4 AW (D)	550	210	950	1025	125	100	420	182.7	267.7
MQB 100E 5.5/4 AW (D)	550	210	950	1025	125	100	420	185.7	271.7
MQB 100E 7.5/4 AW (D)	550	210	1025	1025	125	100	415	235	270
MQB 100E 9/4 AW (D)	550	210	1120	1120	125	100	415	256	289

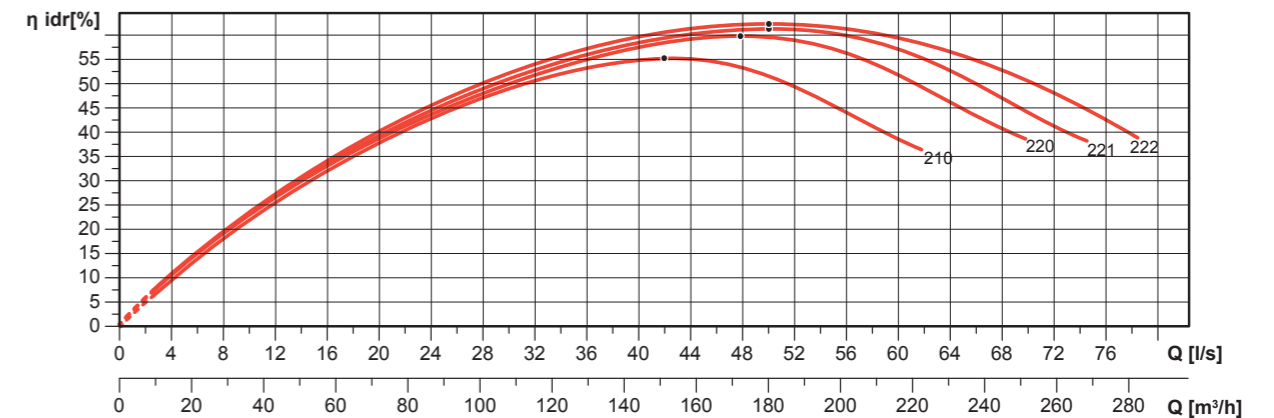
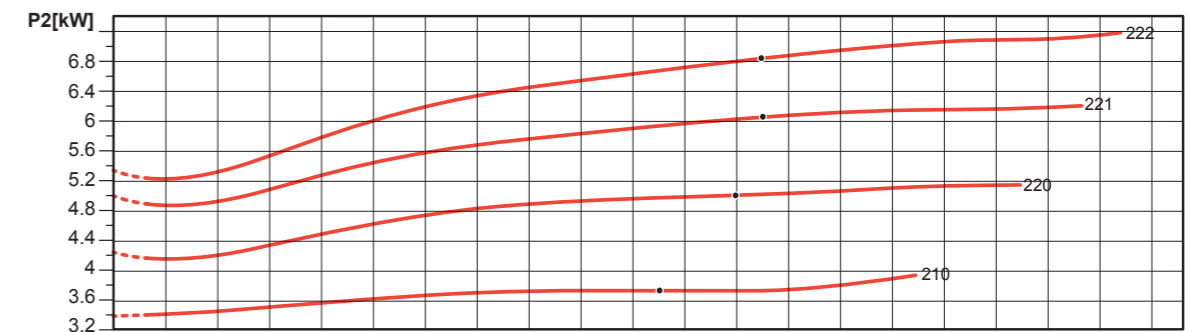
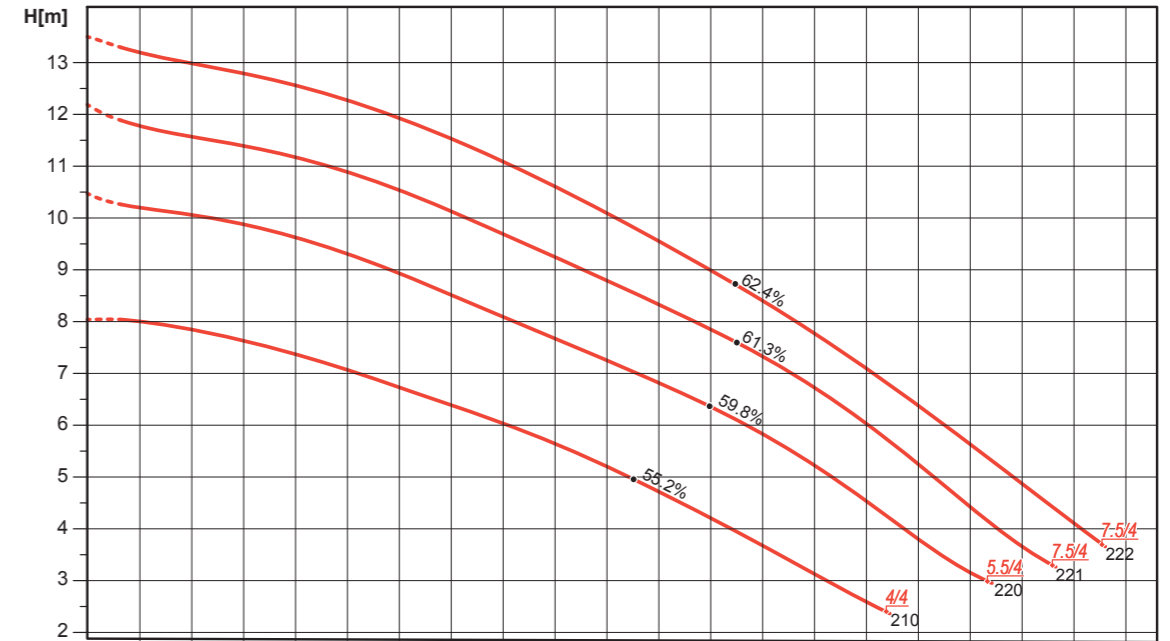
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



The data provided are not binding. Tsurumi reserves the right to modify any product without notice.

Performances



Characteristic curves according to UNI EN ISO 9906

MQB 100F

3 - 15 kW - 4 poles

MQB 100F

Hydraulics

Open channel impeller

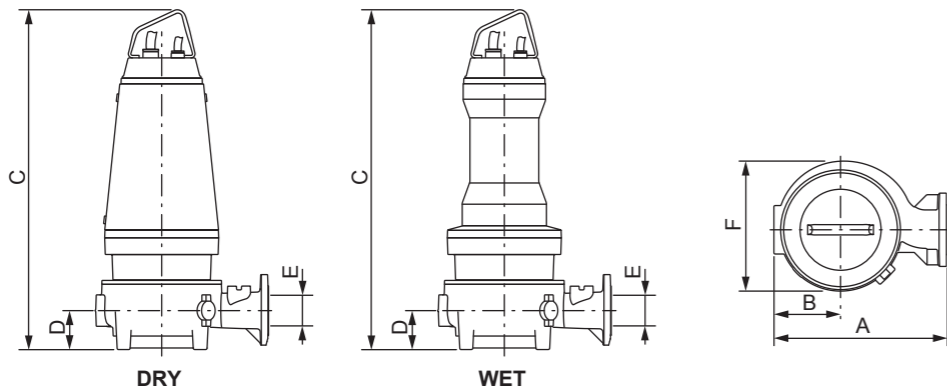
Free passage: 45 mm
 Discharge: DN100 - PN10-16 EN 1092-2
 Suction: DN150



Motor

Type	V/Phases	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
3/4 A	400-700/3	Y Δ	6.6	0.75	3.4	3.0	87.7	IE3
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
15/4 A	400-700/3	Y Δ	28.2	0.84	16.3	15.0	91.9	IE3

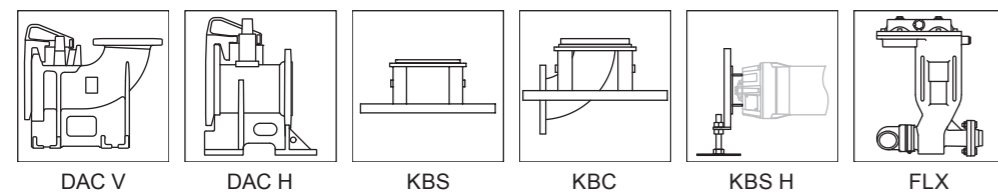
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 100F 3/4 AW	605	210	860	-	125	100	415	191	-
MQB 100F 4/4 AW (D)	605	210	960	1035	125	100	415	209	294
MQB 100F 5.5/4 AW (D)	605	210	960	1035	125	100	415	212	298
MQB 100F 7.5/4 AW (D)	605	210	1035	1035	125	100	415	261.3	296.3
MQB 100F 9/4 AW (D)	605	210	1130	1130	125	100	415	282.3	315.3
MQB 100F 11/4 AW (D)	605	210	1180	1180	125	100	415	333.5	380.5
MQB 100F 15/4 AW (D)	605	210	1180	1180	125	100	415	347.2	394.2

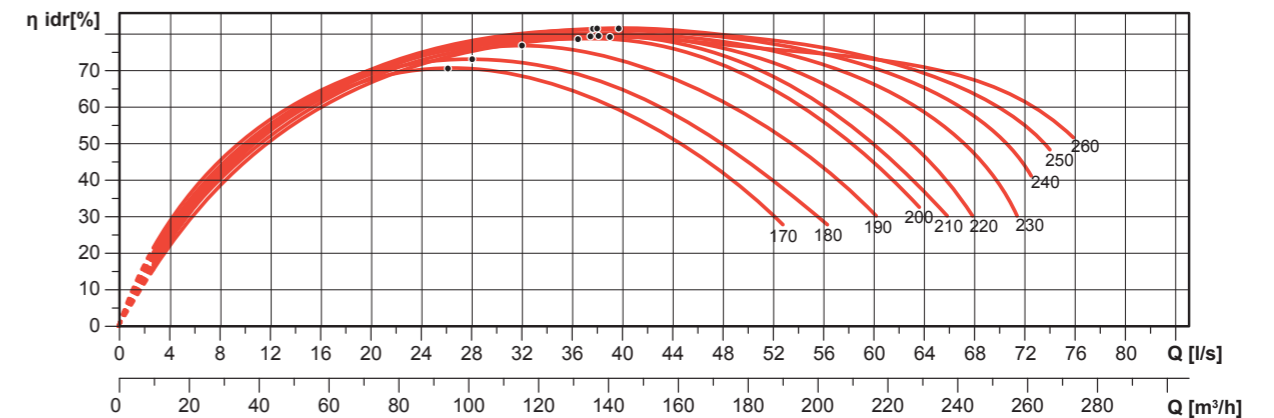
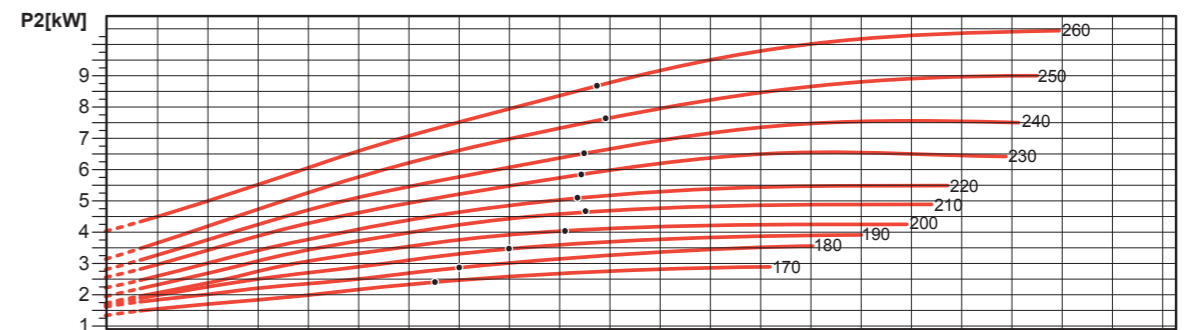
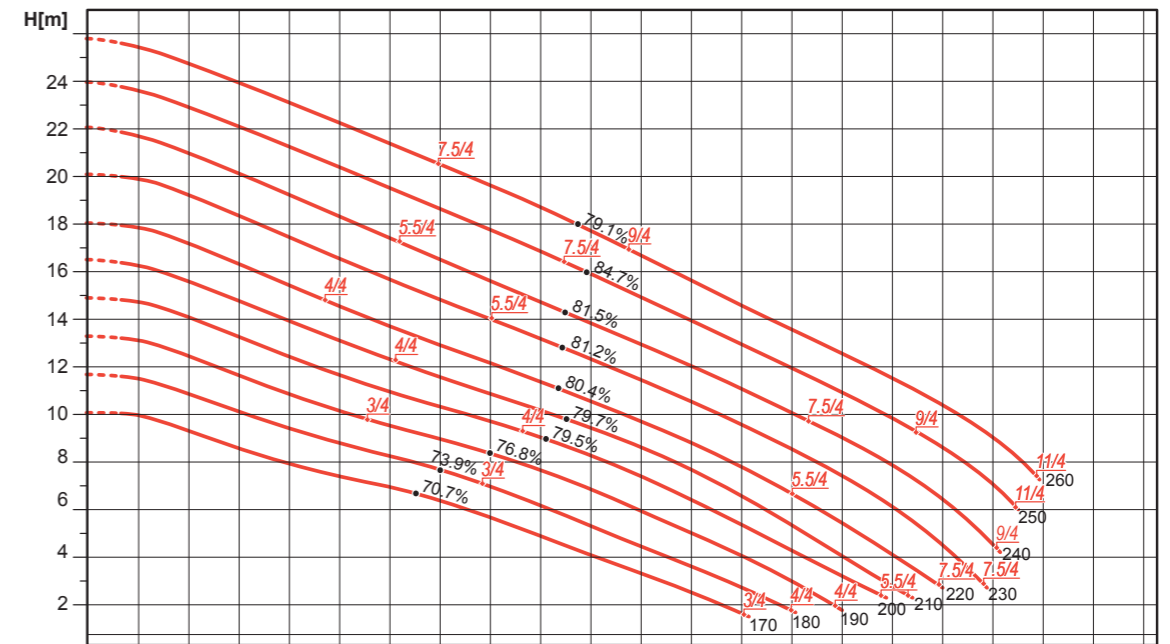
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



The data provided are not binding. Tsurumi reserves the right to modify any product without notice.

Performances



Characteristic curves according to UNI EN ISO 9906

MQB 100H

7.5 - 11 kW - 4 poles

MQB 100H

Hydraulics

Open channel impeller

Free passage: 80 mm

Discharge: DN100 - PN10-16 EN 1092-2

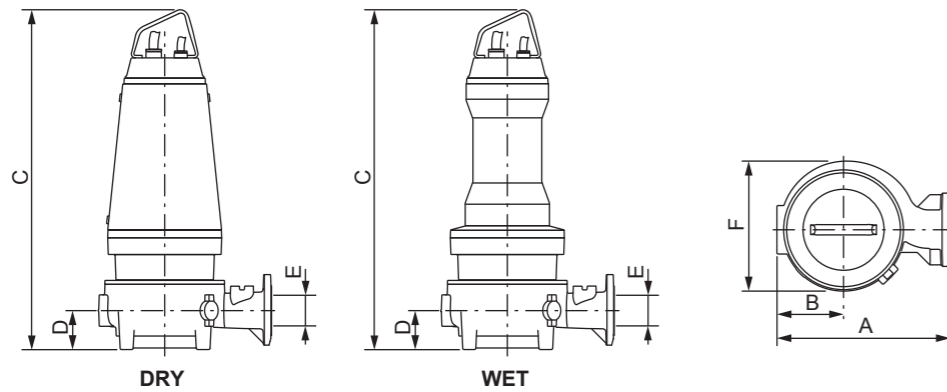
Suction: DN150



Motor

Type	V/Phases	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

Overall dimensions and weight

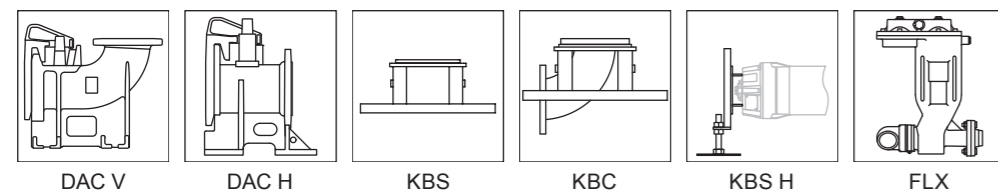


	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 100H 7.5/4 AW (D)	548	208	1025	1025	124	100	414	234.9	269.9
MQB 100H 9/4 AW (D)	548	208	1115	1115	124	100	414	255.9	288.9
MQB 100H 11/4 AW (D)	548	208	1166	1166	124	100	414	307.1	354.1

(+) Weight for the DRY version includes cooling fluid

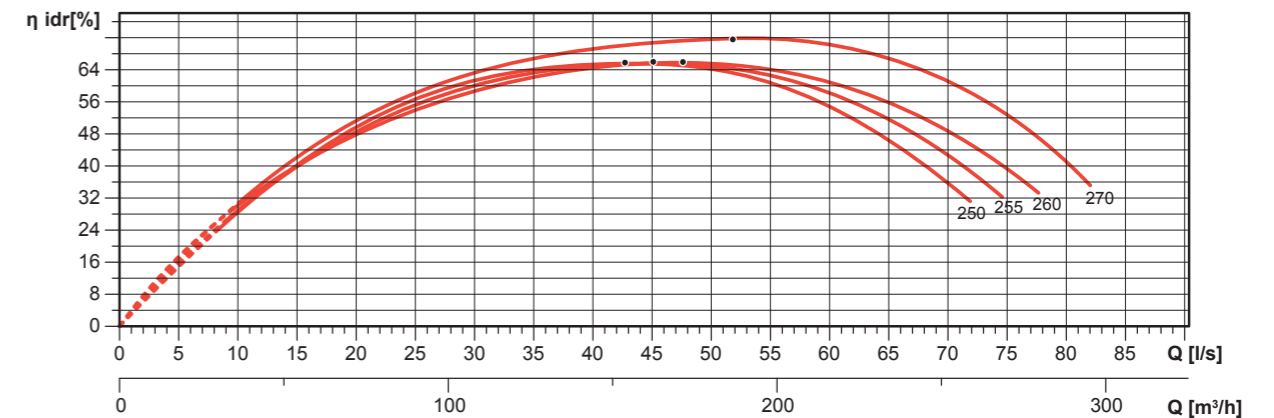
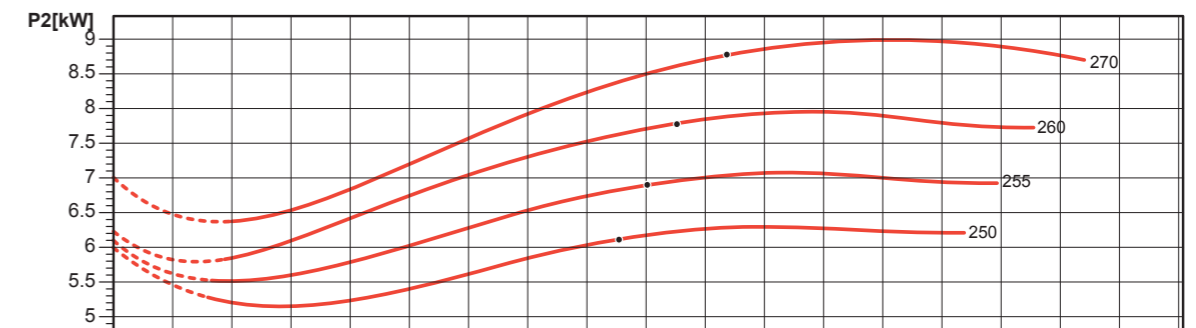
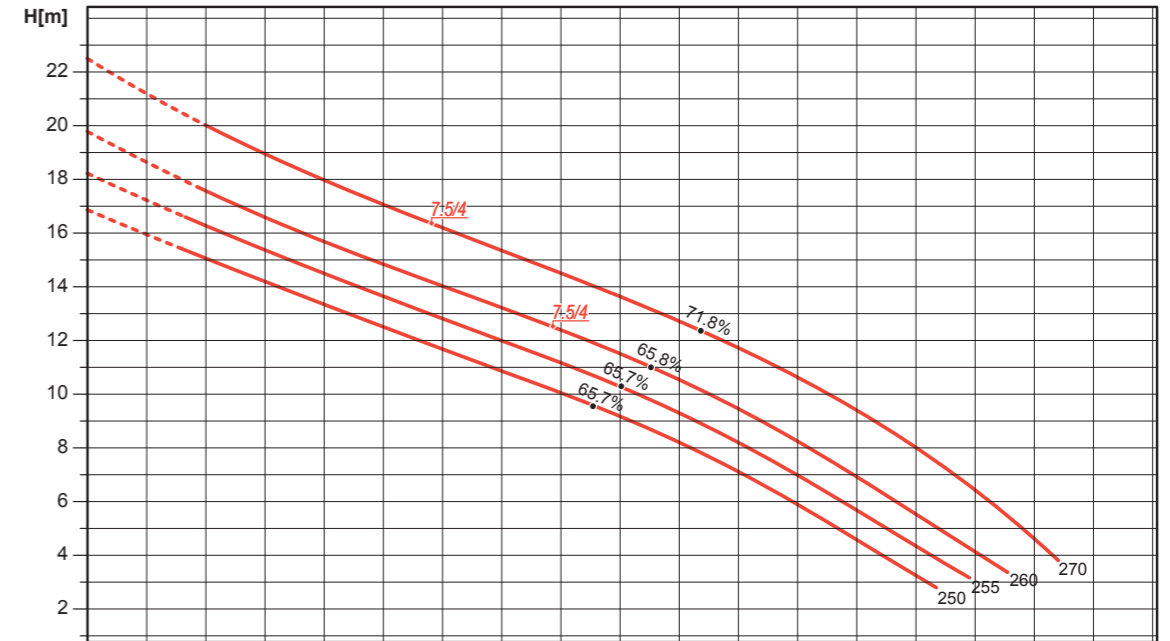
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQB 100J

3 - 5.5 kW - 4 poles

MQB 100J

Hydraulics

Open channel impeller

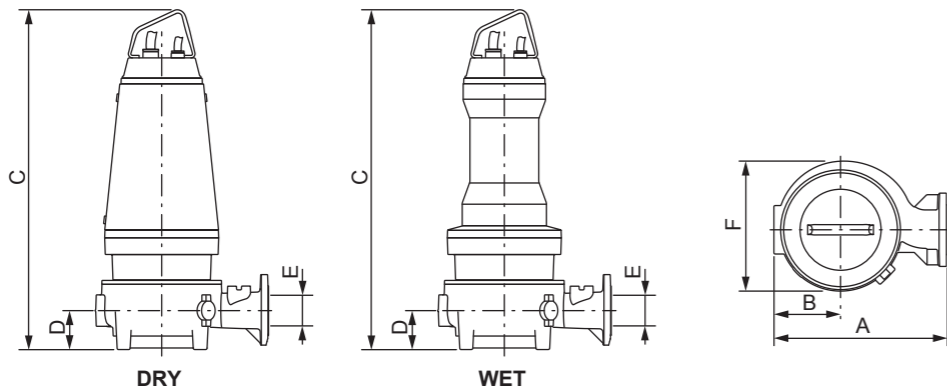
Free passage: 65 mm
 Discharge: DN100 - PN10-16 EN 1092-2
 Suction: DN100



Motor

Type	V/Phases	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
3/4 A	400-700/3	Y Δ	6.6	0.75	3.4	3.0	87.7	IE3
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

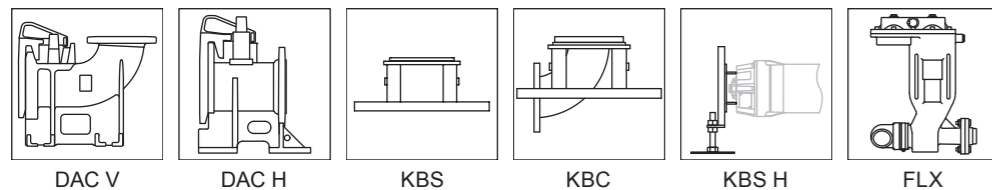
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 100J 3/4 AW	600	210	862	-	125	100	408	173	-
MQB 100J 4/4 AW (D)	600	210	962	1037	125	100	408	191	276
MQB 100J 5.5/4 AW (D)	600	210	962	1037	125	100	408	194	280

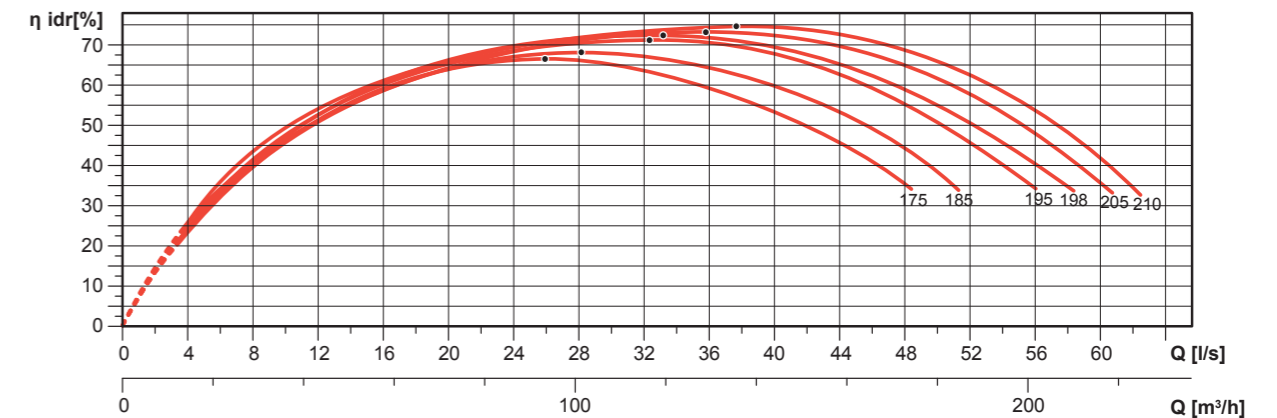
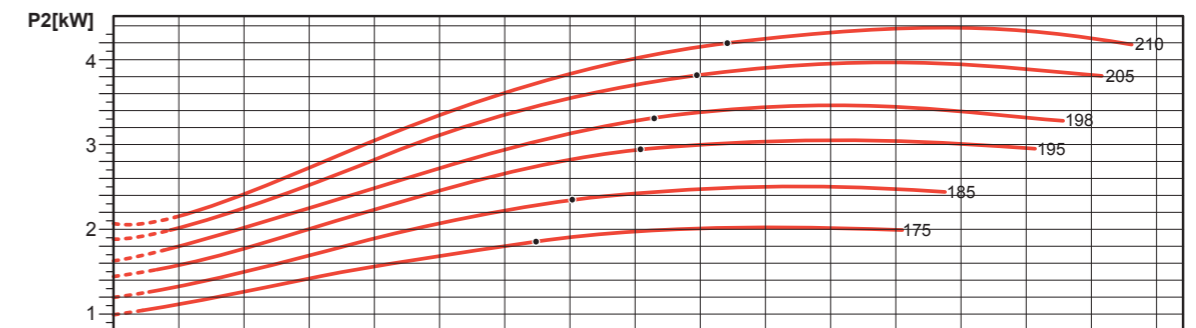
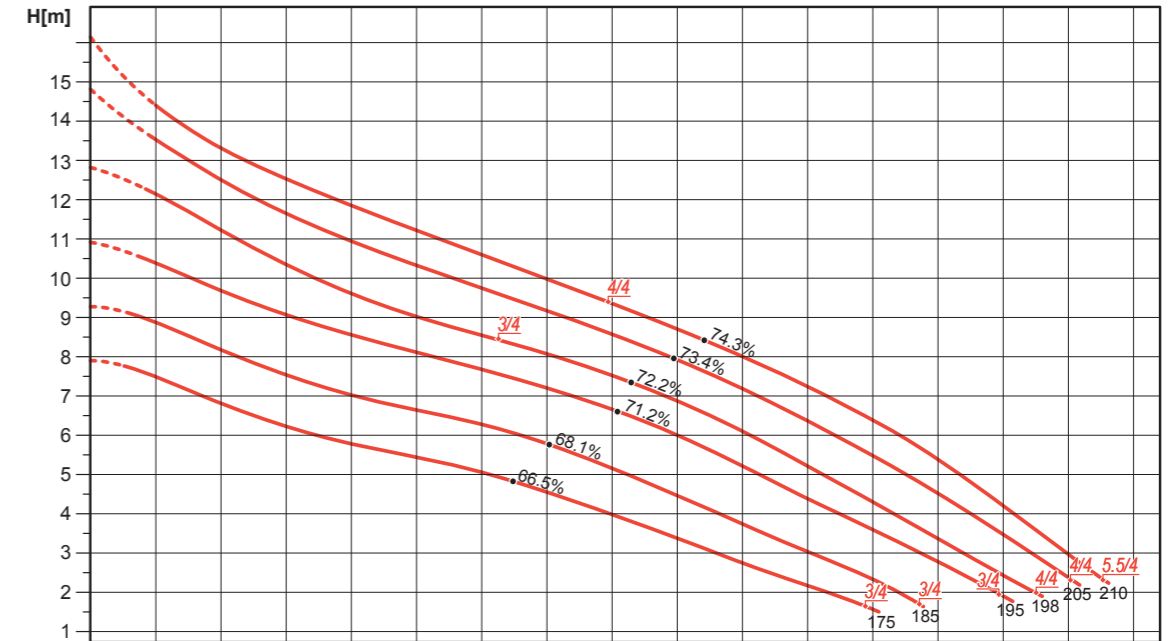
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQB 100L

4 - 11 kW - 4 poles

MQB 100L

Hydraulics

Open channel impeller

Free passage: 65 x 60 mm

Discharge: DN100 - PN10-16 EN 1092-2

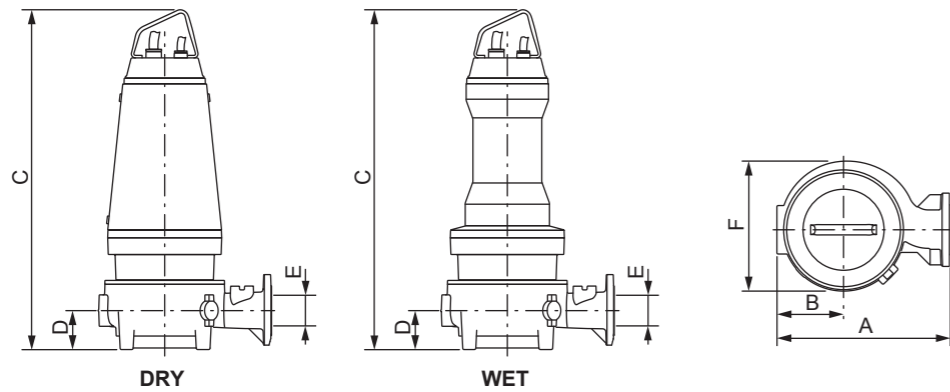
Suction: DN150



Motor

Type	V/Phases	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

Overall dimensions and weight

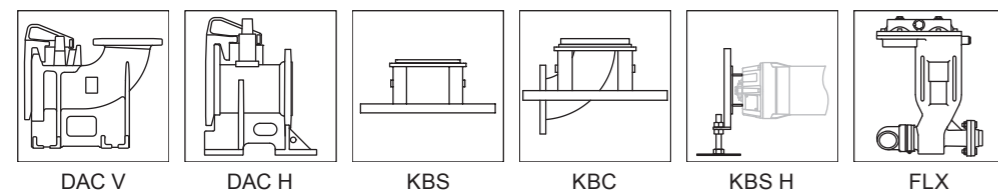


	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 100L 4/4 AW (D)	548	208	949	1025	124	100	414	183.0	268.0
MQB 100L 5.5/4 AW (D)	548	208	949	1025	124	100	414	186.0	272.0
MQB 100L 7.5/4 AW (D)	548	208	1025	1025	124	100	414	235.3	270.3
MQB 100L 9/4 AW (D)	548	208	1115	1115	124	100	414	256.3	289.3
MQB 100L 11/4 AW (D)	548	208	1166	1166	124	100	414	307.5	354.5

(+) Weight for the DRY version includes cooling fluid

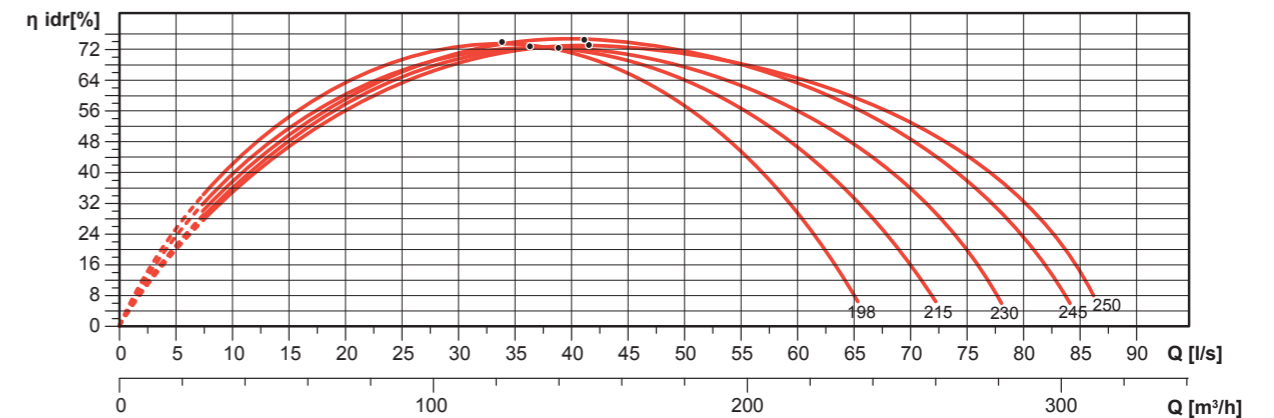
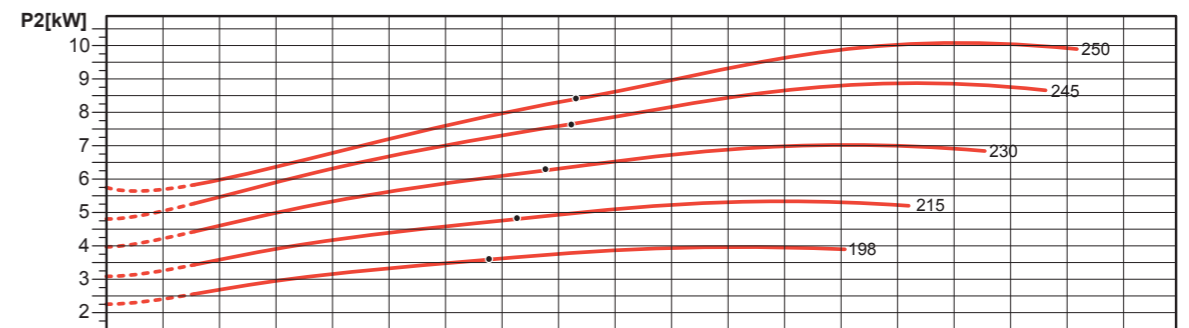
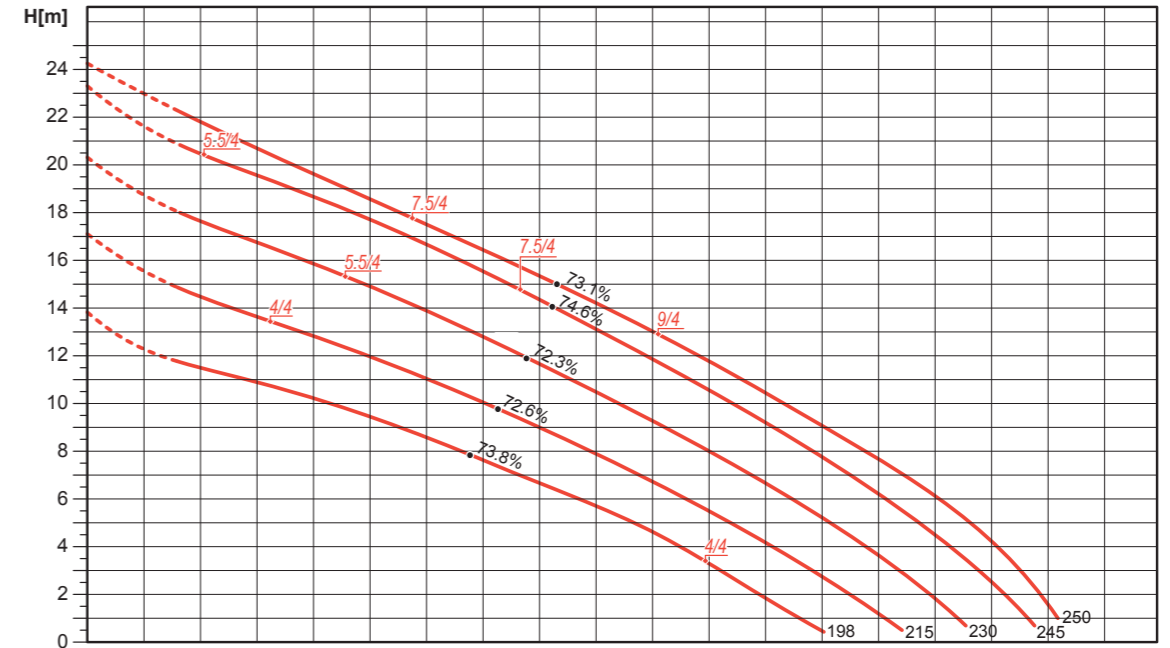
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



The data provided are not binding. Tsurumi reserves the right to modify any product without notice.

Performances



Characteristic curves according to UNI EN ISO 9906

MQB 100U

1.1 kW - 6 poles

MQB 100U

Hydraulics

Open channel impeller

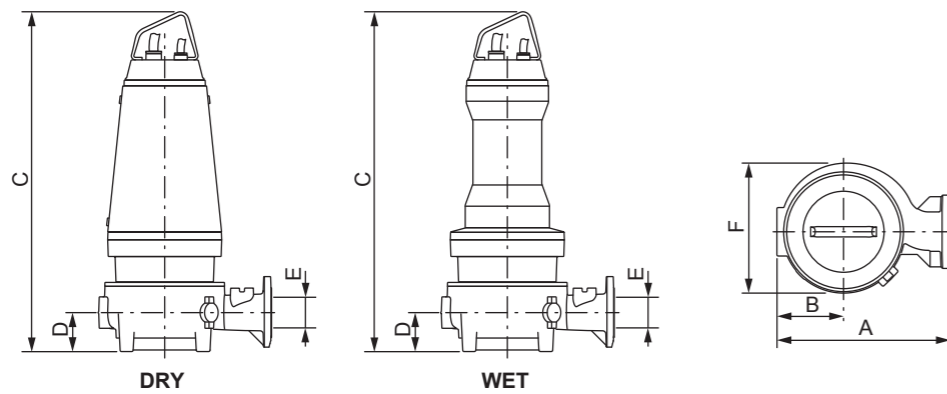
Free passage: 60 mm
 Discharge: DN100 - PN10-16 EN 1092-2
 Suction: DN100



Motor

Type	V/Phases	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
1.1/6 B	400-700/3	Y Δ	2.9	0.67	1.4	1.1	81.0	IE3

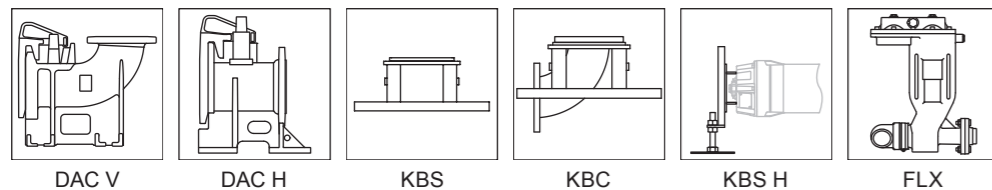
Overall dimensions and weight



	A	B	C mm		D	E	F	Kg	
	mm	mm	WET	DRY	mm	mm	mm	WET	DRY (+)
MQB 100U 1.1/6 BW	417	160	653	-	91	100	310	59	-

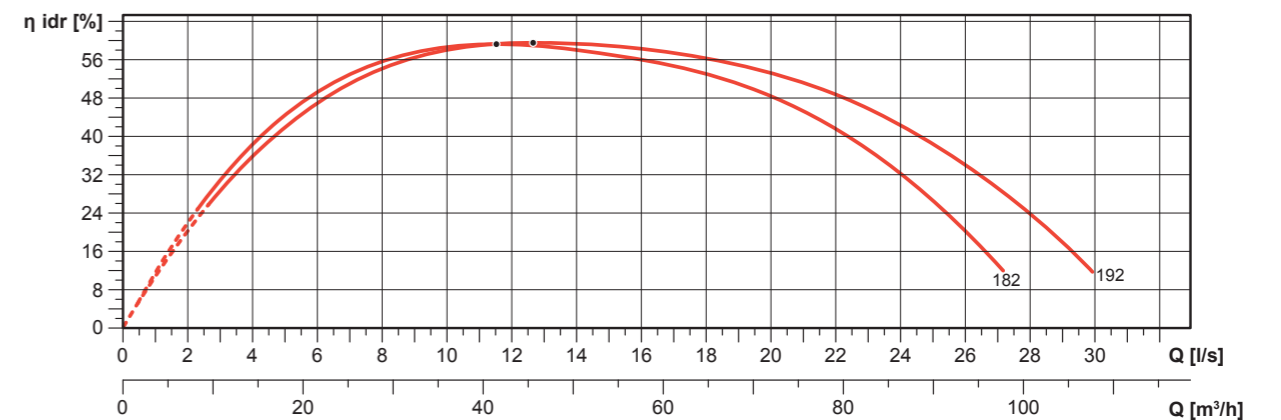
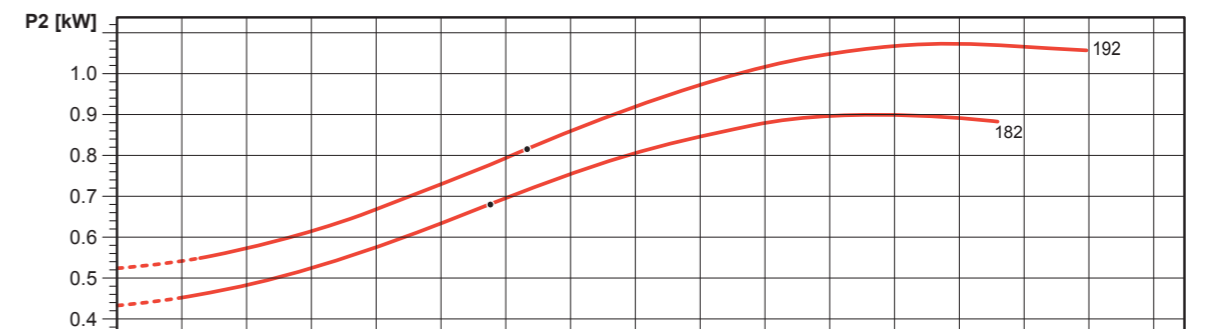
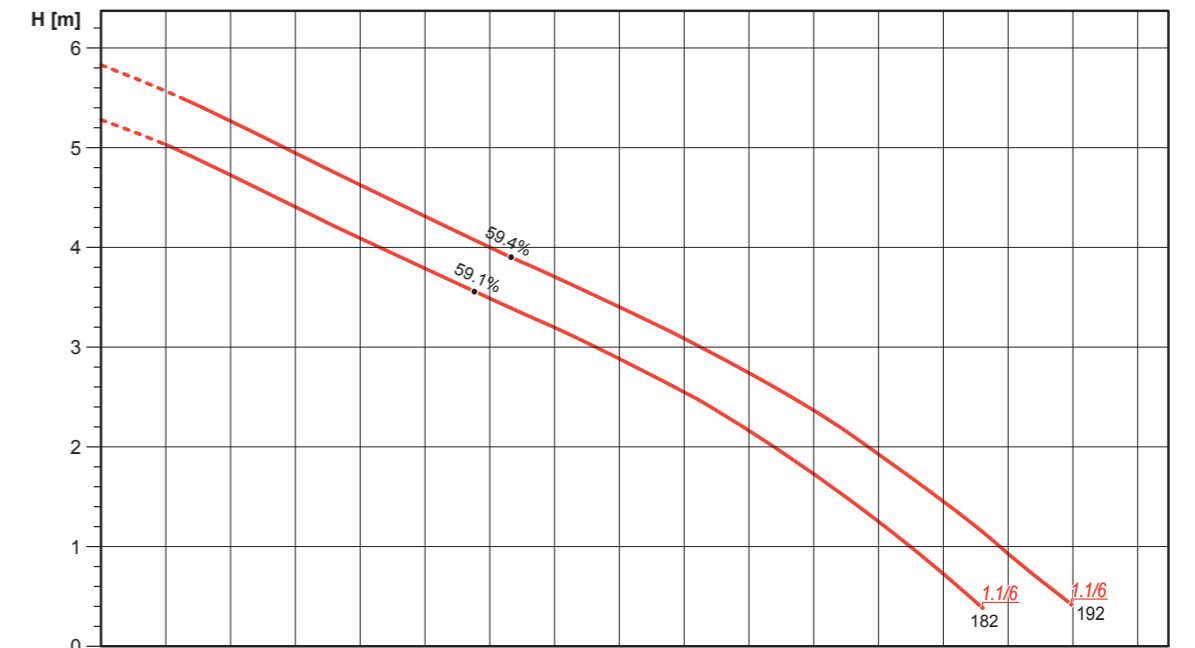
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQB 100Y

1.1 kW - 6 poles

MQB 100Y

Hydraulics

Open channel impeller

Free passage: 75 mm

Discharge: DN100 - PN10-16 EN 1092-2

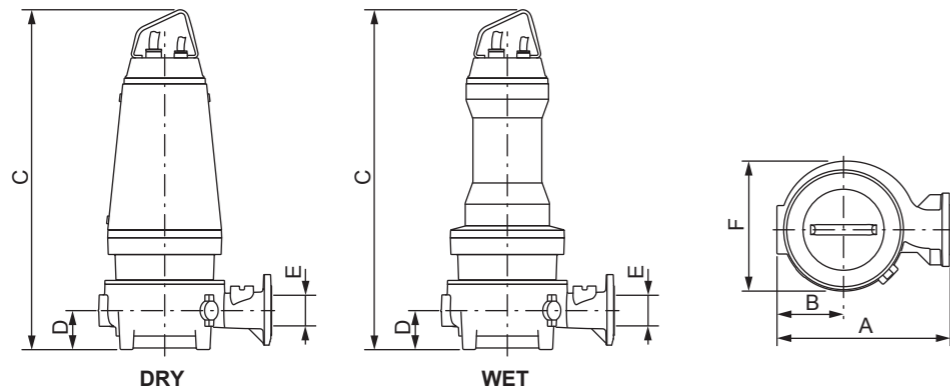
Suction: DN100



Motor

Type	V/Phases	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
1.1/6 B	400-700/3	Y Δ	2.9	0.67	1.4	1.1	81.0	IE3

Overall dimensions and weight

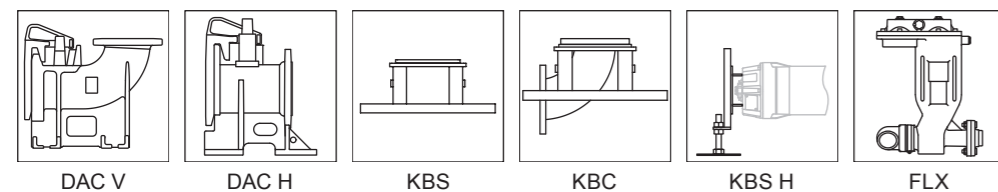


	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 100Y 1.1/6 BW	417	160	653	-	91	100	310	59	-

(+) Weight for the DRY version includes cooling fluid

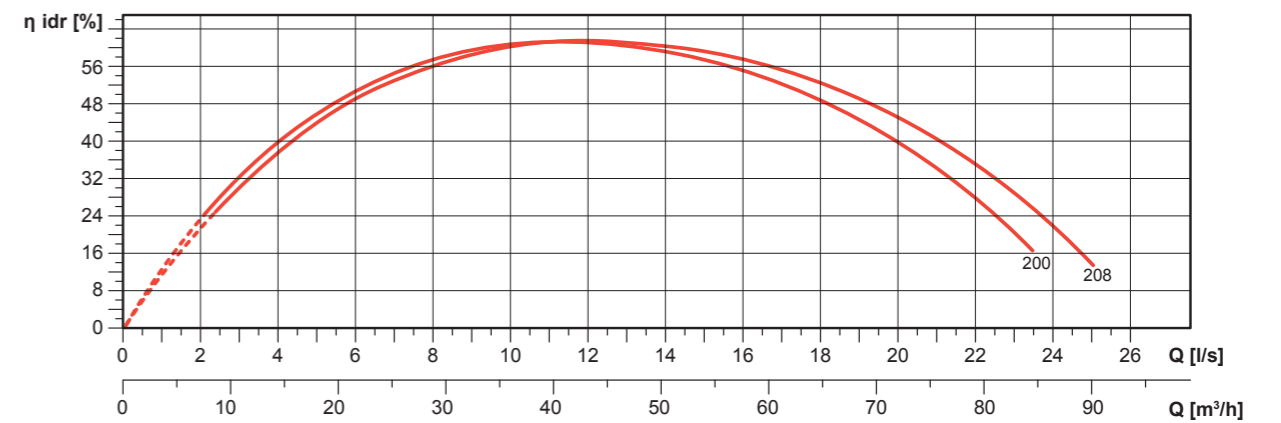
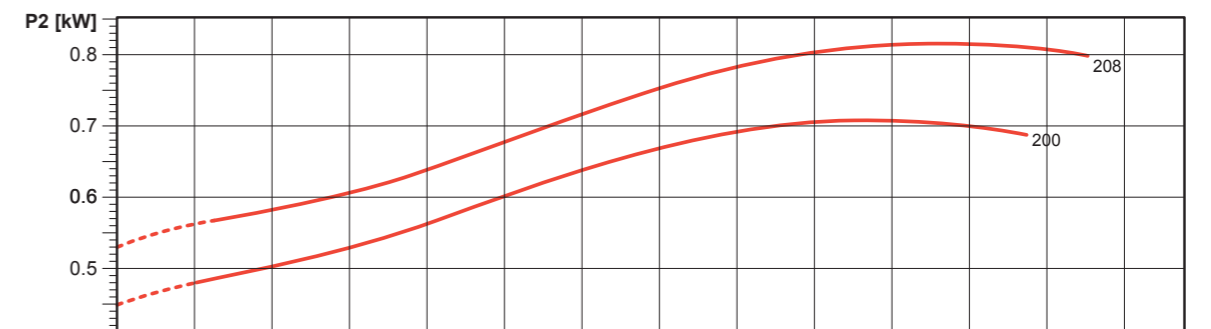
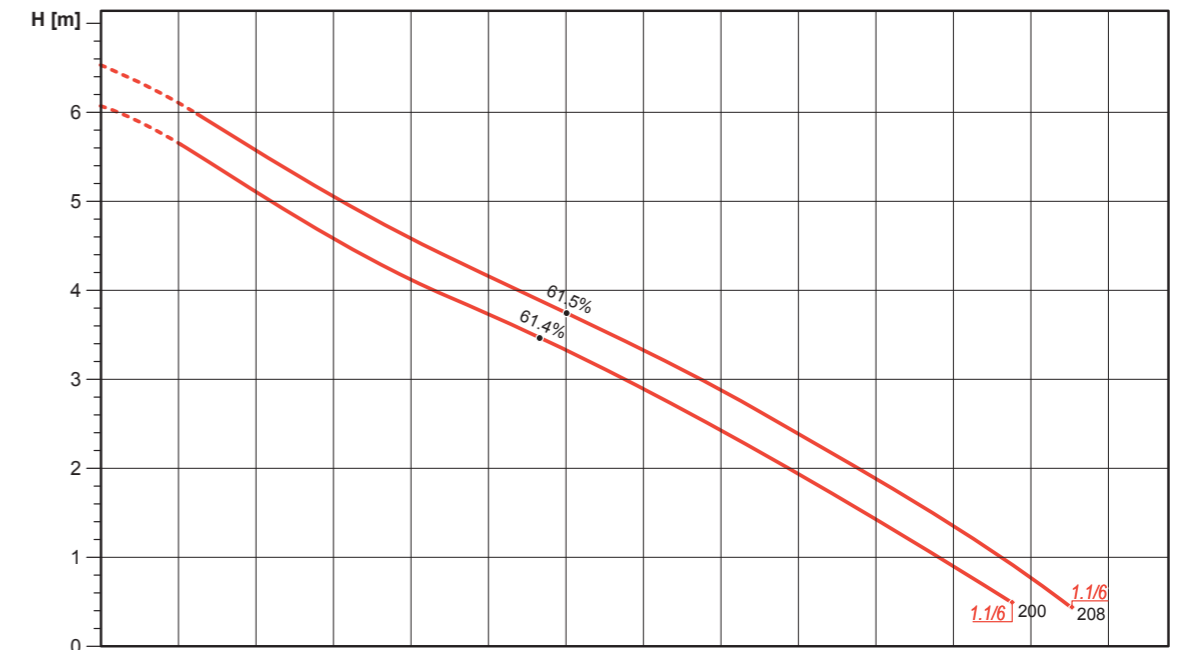
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQB 101G

1.5 - 1.8 kW - 6 poles

MQB 101G

Hydraulics

Open channel impeller

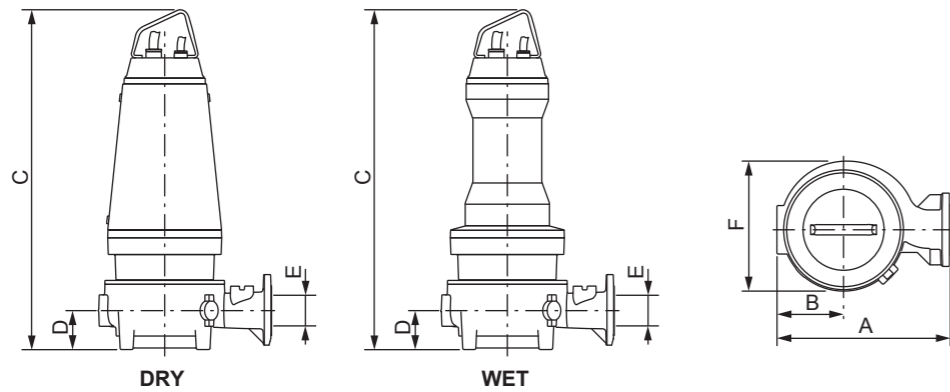
Free passage: 100 mm
 Discharge: DN100 - PN10-16 EN 1092-2
 Suction: DN100



Motor

Type	V/Phases	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
1.5/6 B	400-700/3	Y Δ	3.7	0.70	1.8	1.5	82.5	IE3
1.8/6 B	400-700/3	Y Δ	4.3	0.72	2.2	1.8	83.4	IE3

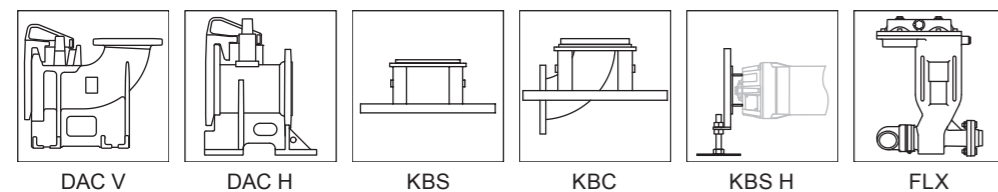
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 101G 1.5/6 BW	509	202	740	-	114	100	394	96	-
MQB 101G 1.8/6 BW	509	202	813	-	114	100	394	121	-

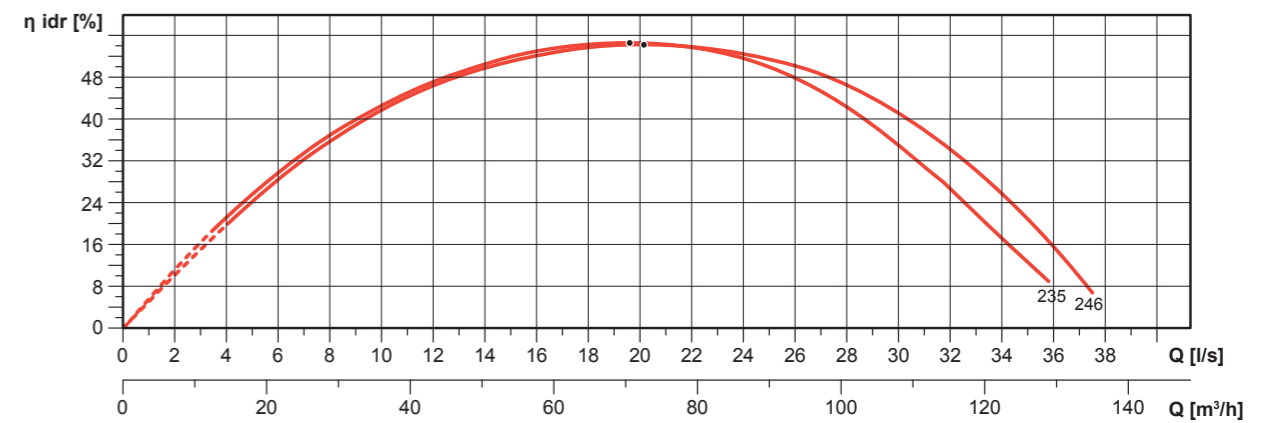
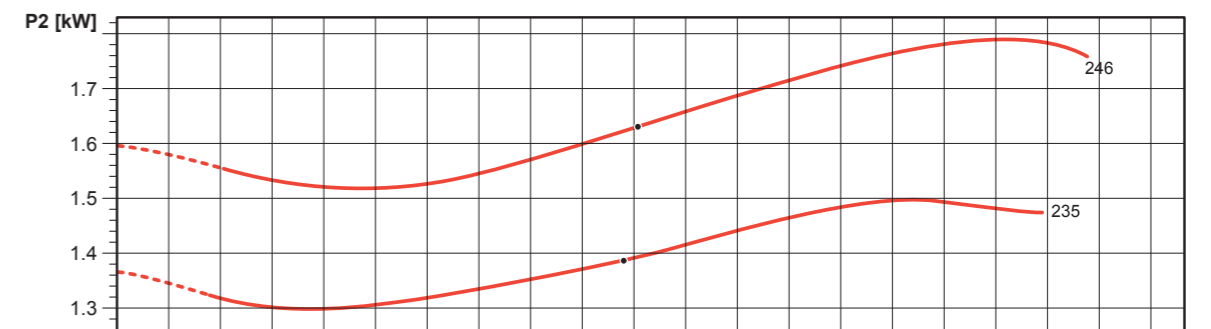
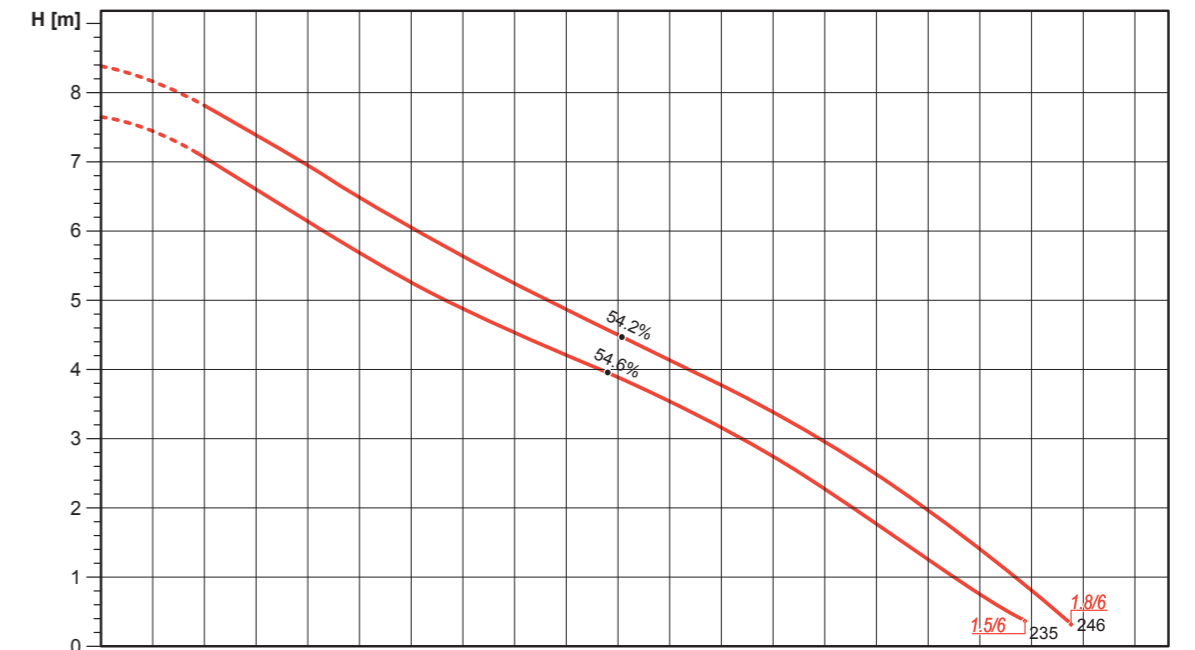
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQB 150A

7.5 - 18.5 kW - 4 poles

MQB 150A

Hydraulics

Open channel impeller

Free passage: 80 mm

Discharge: DN150 - PN10-16 EN 1092-2

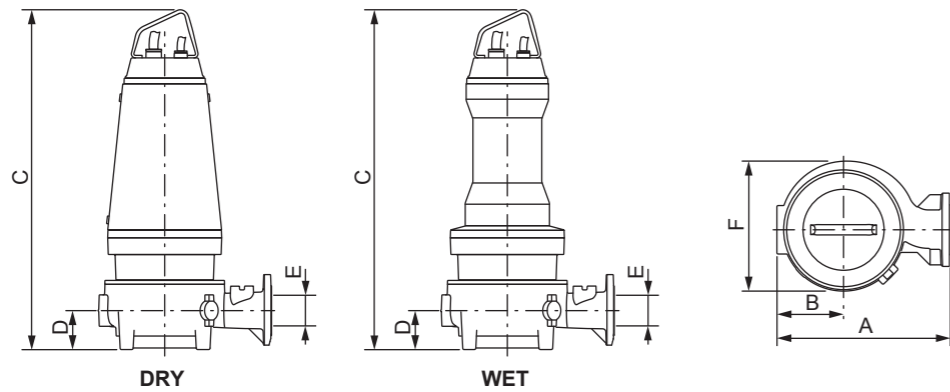
Suction: DN150



Motor

Type	V/Phases	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
15/4 A	400-700/3	Y Δ	28.2	0.84	16.3	15.0	91.9	IE3
18.5/4 A	400-700/3	Y Δ	35.2	0.82	20.0	18.5	92.6	IE3

Overall dimensions and weight

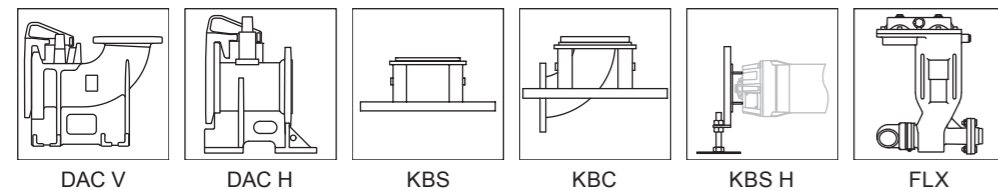


	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 150A 7.5/4 AW (D)	612	222	1031	1031	130	150	448	252.1	287.1
MQB 150A 9/4 AW (D)	612	222	1121	1121	130	150	448	273.1	306.1
MQB 150A 11/4 AW (D)	612	222	1172	1172	130	150	448	324.3	371.3
MQB 150A 15/4 AW (D)	612	222	1172	1172	130	150	448	338	385
MQB 150A 18.5/4 AW (D)	612	222	1355	1355	130	150	465	422.6	475.6

(+) Weight for the DRY version includes cooling fluid

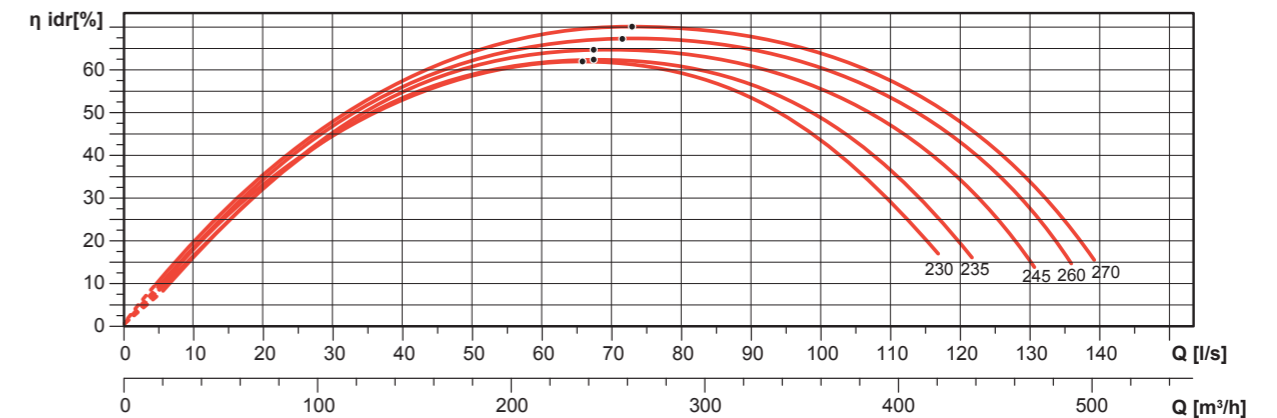
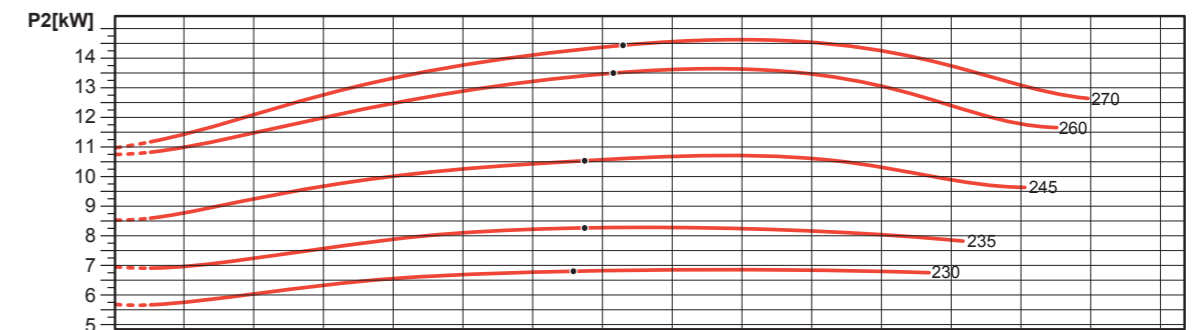
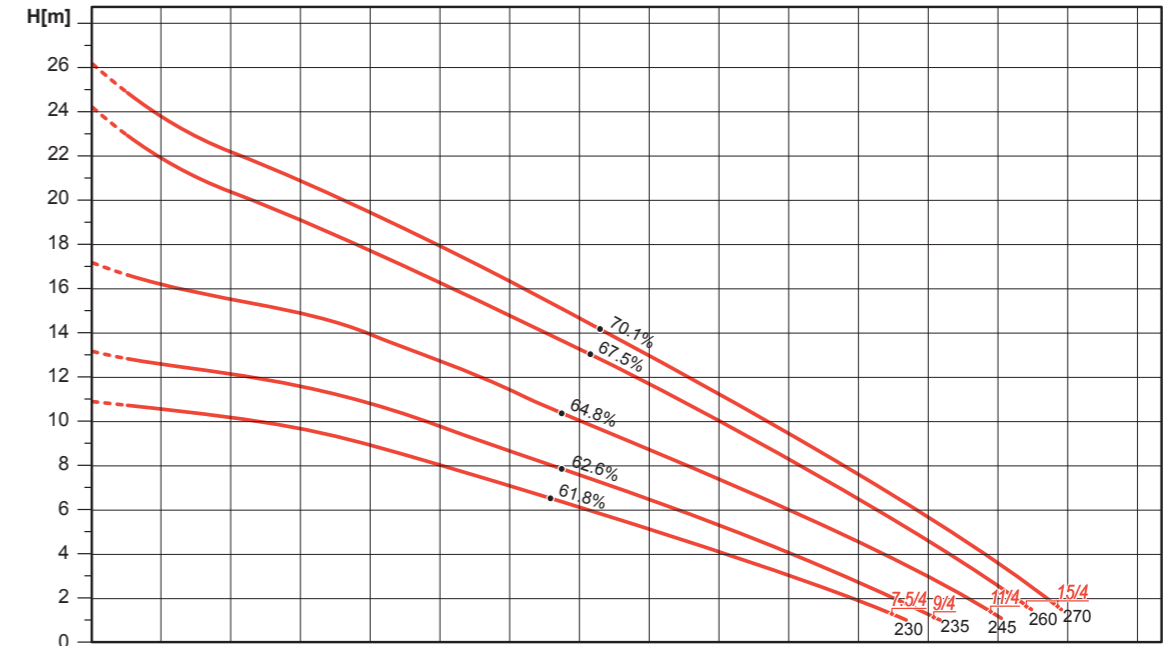
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQB 150D

3 - 9 kW - 4 poles

MQB 150D

Hydraulics

Open channel impeller

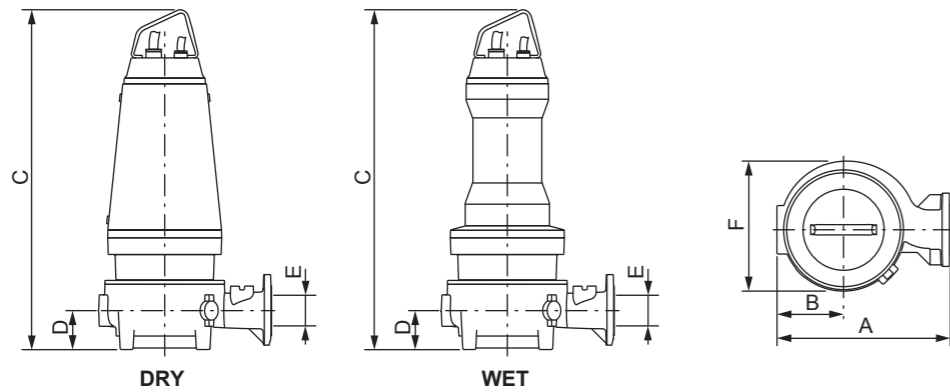
Free passage: 80 mm
 Discharge: DN150 - PN10-16 EN 1092-2
 Suction: DN150



Motor

Type	V/Phases	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
3/4 A	400-700/3	Y Δ	6.6	0.75	3.4	3.0	87.7	IE3
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

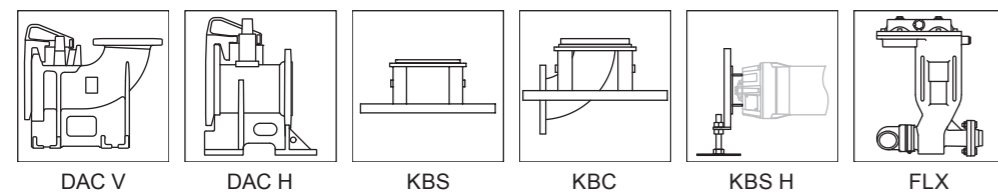
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 150D 3/4 AW	610	220	855	-	130	150	450	177.4	-
MQB 150D 4/4 AW (D)	610	220	955	1030	130	150	450	211.4	280.4
MQB 150D 5.5/4 AW (D)	610	220	955	1030	130	150	450	215.4	284.4
MQB 150D 7.5/4 AW (D)	610	220	1030	1030	130	150	450	247.7	282.7
MQB 150D 9/4 AW (D)	610	220	1125	1125	130	150	450	268.7	301.7

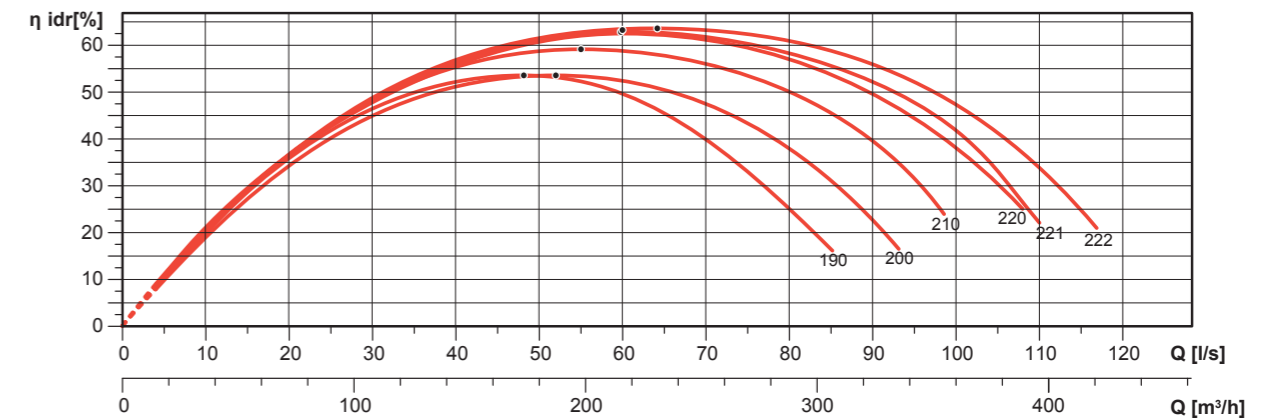
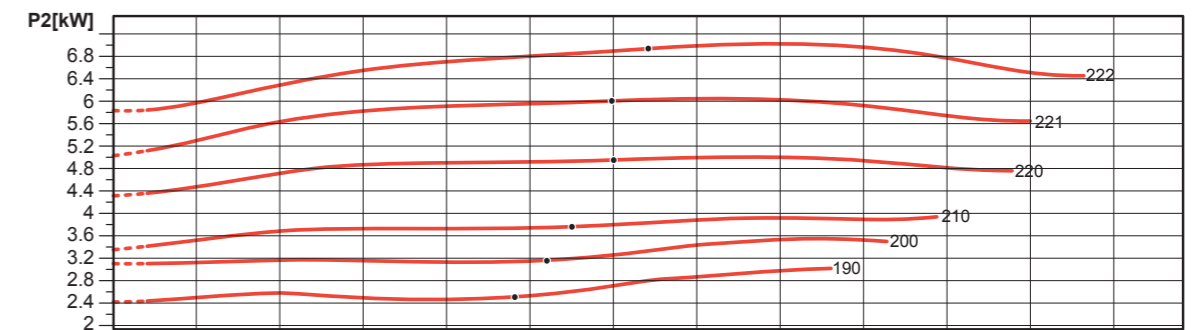
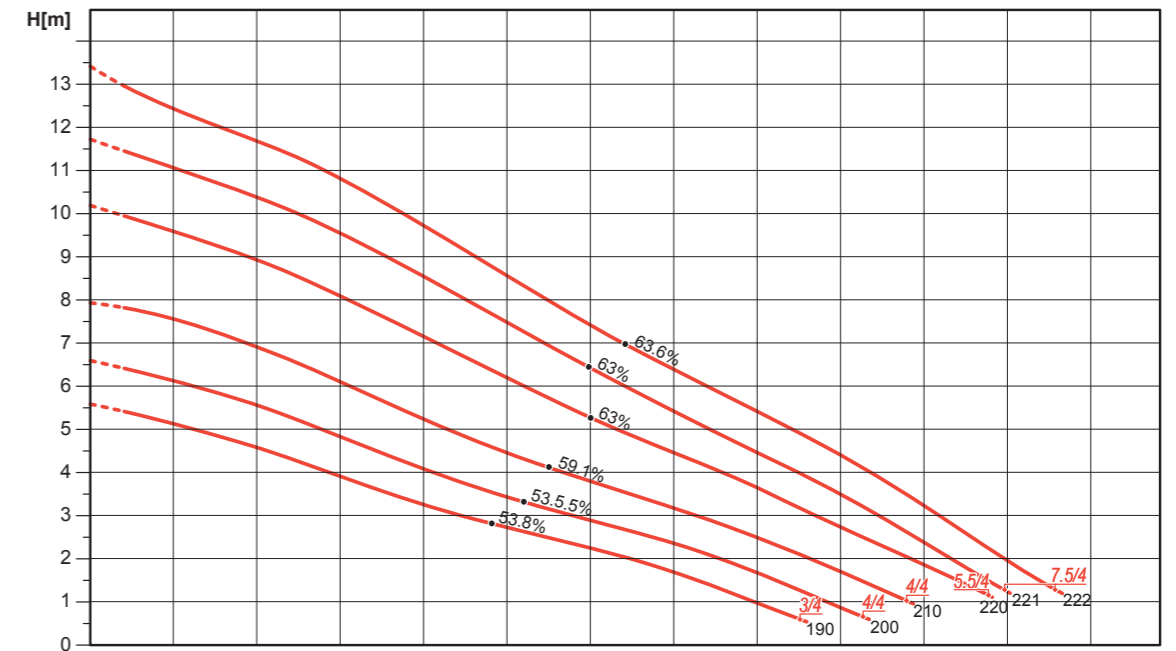
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



The data provided are not binding. Tsurumi reserves the right to modify any product without notice.

Performances



Characteristic curves according to UNI EN ISO 9906

MQB 150F

11 - 37 kW - 4 poles

MQB 150F

Hydraulics

Open channel impeller

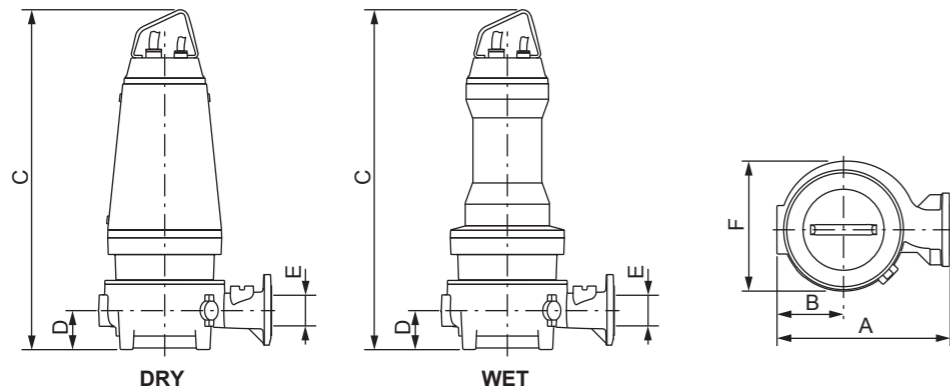
Free passage: 80 mm
 Discharge: DN150 - PN10-16 EN 1092-2
 Suction: DN200



Motor

Type	V/Phases	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
11/4 A	400-700/3	Y Δ	21.3	0.81	12.0	11.0	91.4	IE3
15/4 A	400-700/3	Y Δ	28.2	0.84	16.3	15.0	91.9	IE3
18.5/4 A	400-700/3	Y Δ	35.2	0.82	20.0	18.5	92.6	IE3

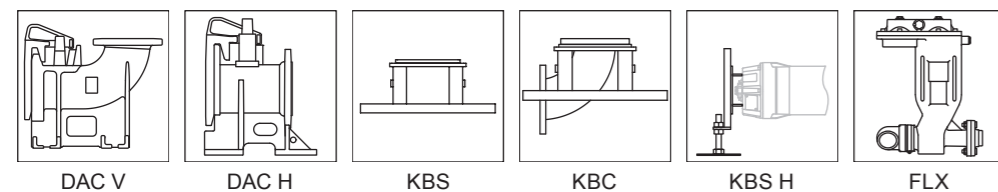
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 150F 11/4 AW (D)	650	255	1235	1235	170	150	505	351.5	398.5
MQB 150F 15/4 AW (D)	650	255	1235	1235	170	150	505	365.2	412.2
MQB 150F 18.5/4 AW (D)	650	255	1415	1415	170	150	505	449.8	502.8

(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

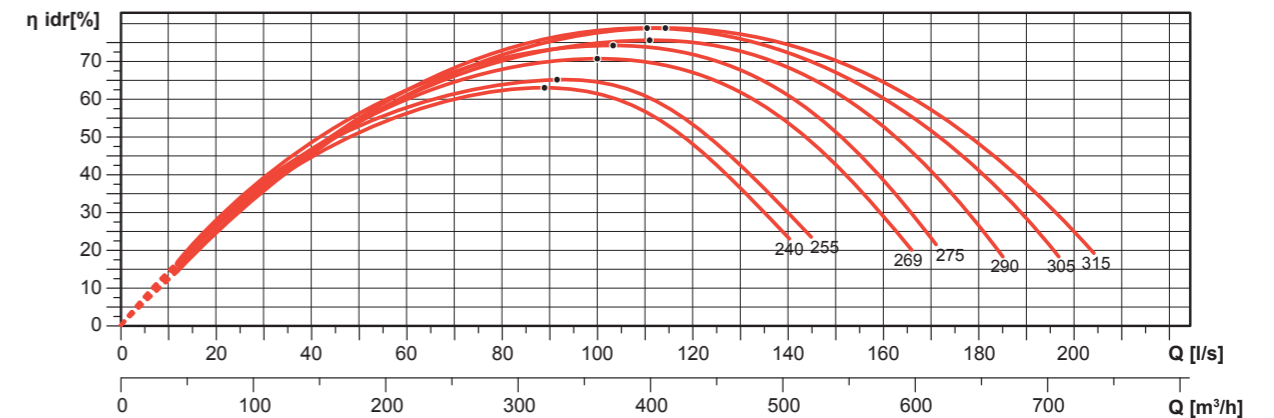
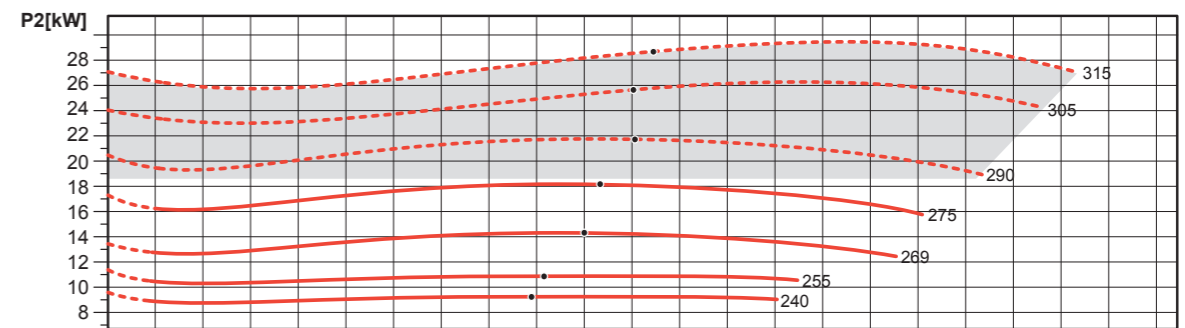
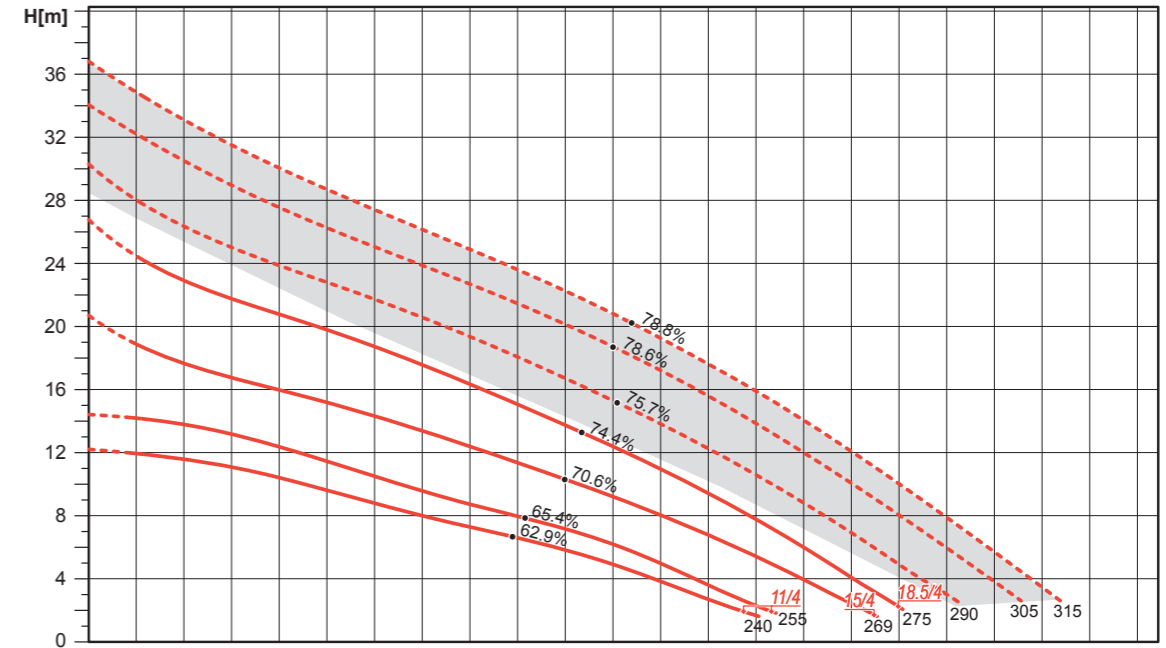
Available accessories



The data provided are not binding. Tsurumi reserves the right to modify any product without notice.

Performances

Contact Tsurumi



Characteristic curves according to UNI EN ISO 9906

MQB 150G

11 - 45 kW - 4 poles

MQB 150G

Hydraulics

Open channel impeller

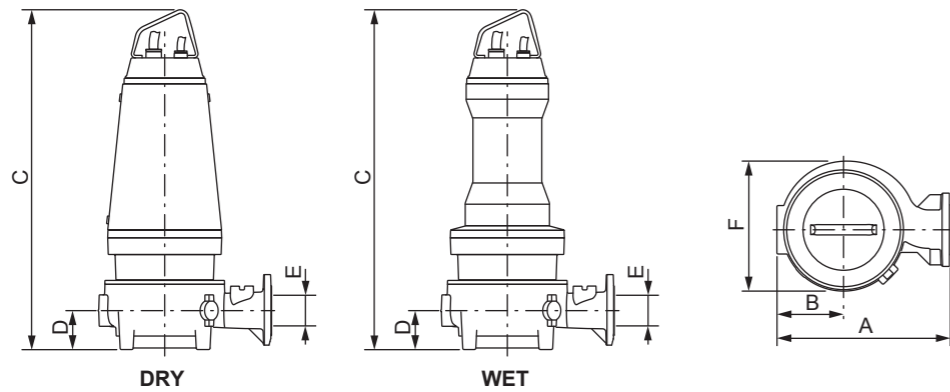
Free passage: 80 mm
 Discharge: DN150 - PN10-16 EN 1092-2
 Suction: DN150



Motor

Type	V/Phases	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

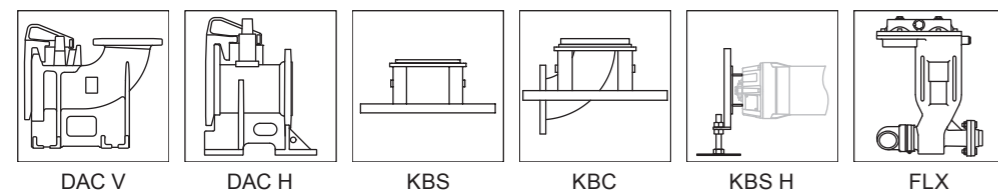
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 150G 11/4 AW (D)	605	240	1190	1190	120	150	570	317.2	364.2
MQB 150G 15/4 AW (D)	605	240	1190	1190	120	150	570	330.9	377.9
MQB 150G 18.5/4 AW (D)	605	240	1370	1370	120	150	570	415.5	468.5

(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

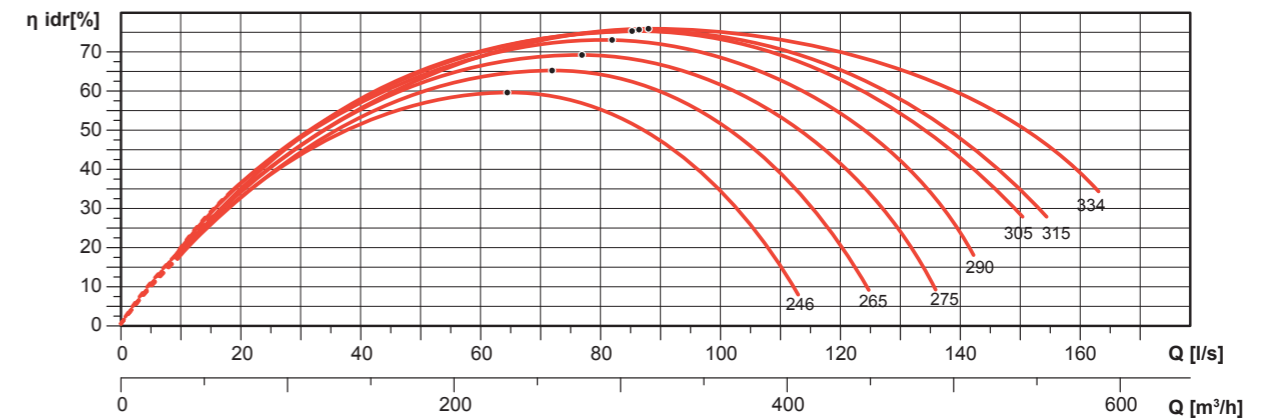
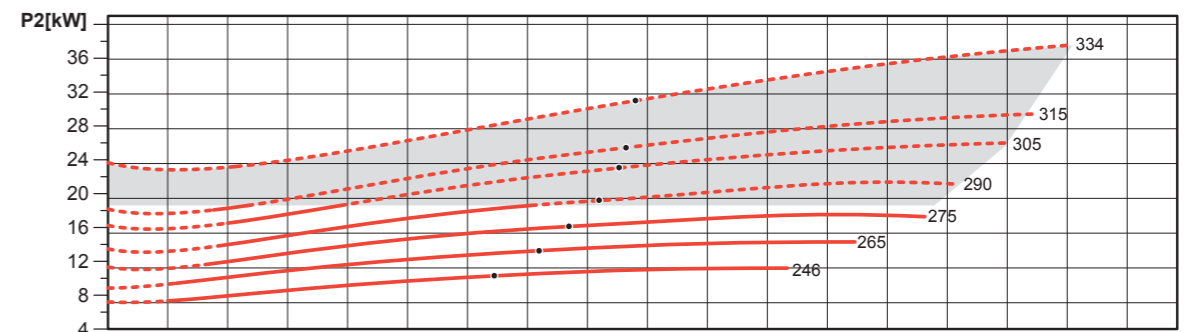
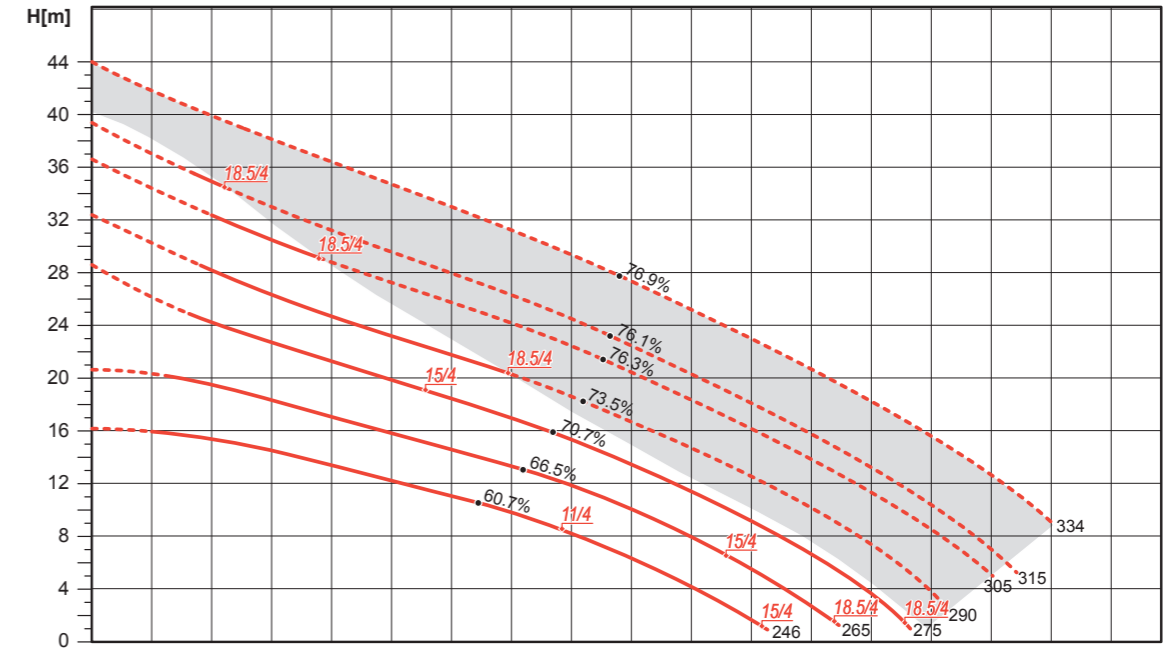
Available accessories



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Performances

Contact Tsurumi



Characteristic curves according to UNI EN ISO 9906

MQB 150G

4 - 11 kW - 6 poles

MQB 150G

Hydraulics

Open channel impeller

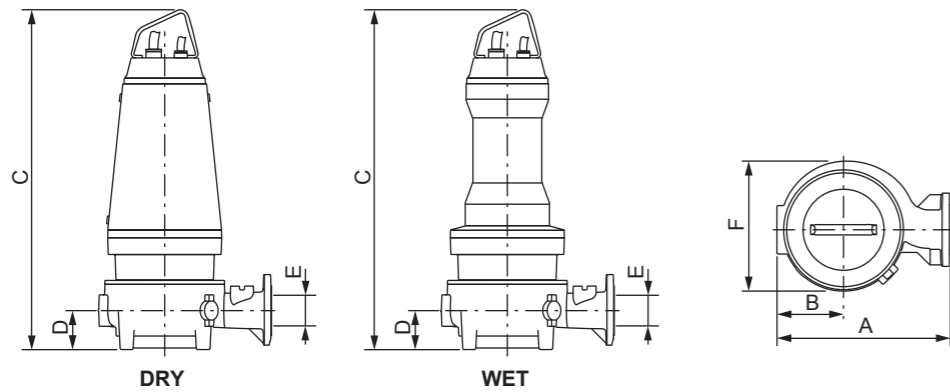
Free passage: 80 mm
 Discharge: DN150 - PN10-16 EN 1092-2
 Suction: DN150



Motor

Type	V/Phases	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
4/6 A	400-700/3	Y Δ	8.9	0.75	4.6	4.0	86.8	IE3
5.5/6 A	400-700/3	Y Δ	11.6	0.78	6.3	5.5	88.0	IE3
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	0.78	12.2	11.0	90.2	IE3

Overall dimensions and weight

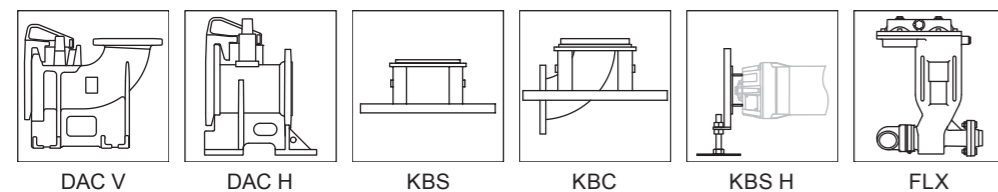


	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 150G 4/6 AW (D)	605	240	1045	1045	120	150	470	241.7	271.7
MQB 150G 5.5/6 AW (D)	605	240	1140	1140	120	150	470	256.7	291.7
MQB 150G 7.5/6 AW (D)	605	240	1190	1190	120	150	570	284.7	331.7
MQB 150G 9/6 AW (D)	605	240	1190	1190	120	150	570	292.4	339.4
MQB 150G 11/6 AW (D)	605	240	1190	1190	120	150	570	302.7	349.7

(*) Weight for the DRY version includes cooling fluid

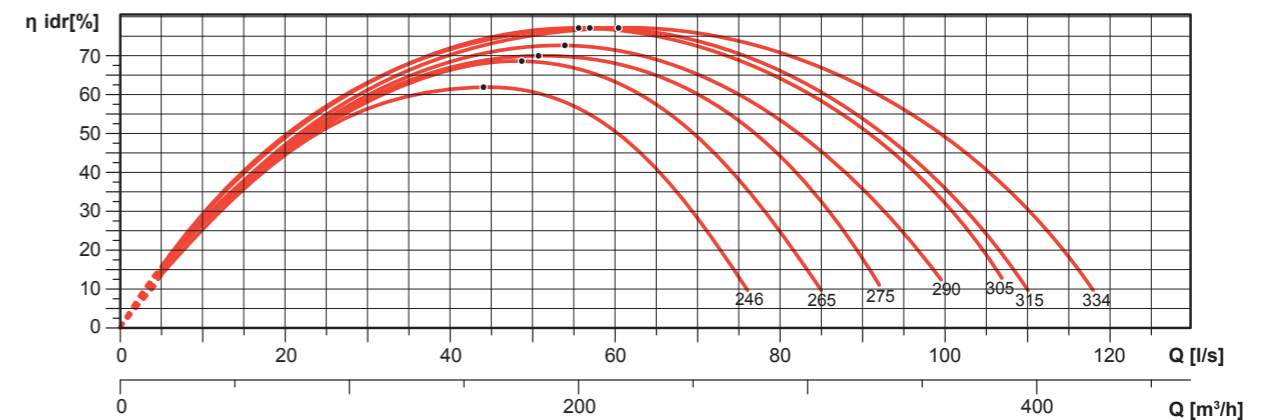
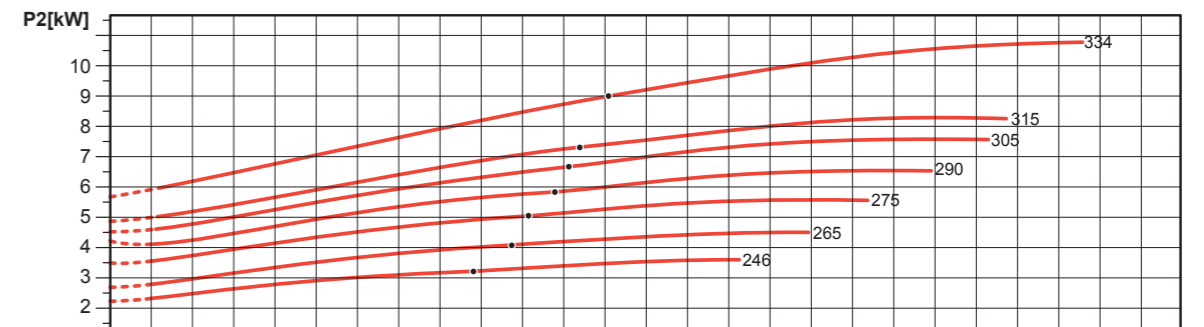
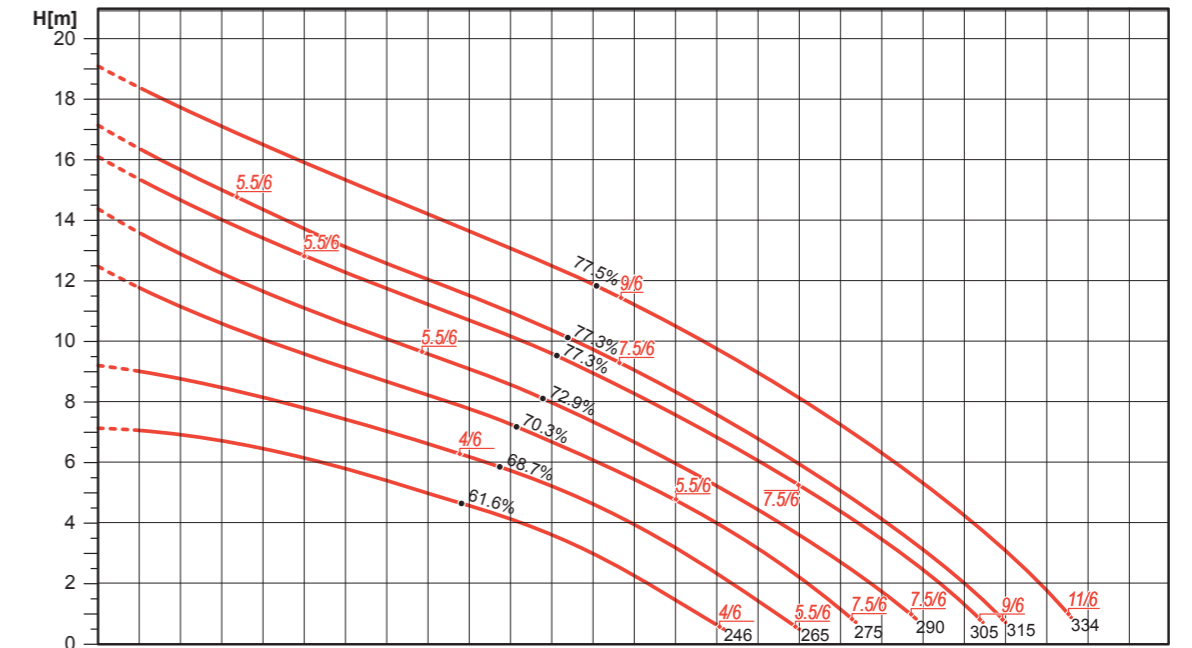
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQB 150N

4 - 11 kW - 4 poles

MQB 150N

Hydraulics

Open channel impeller

Free passage: 65 x 60 mm

Discharge: DN150 - PN10-16 EN 1092-2

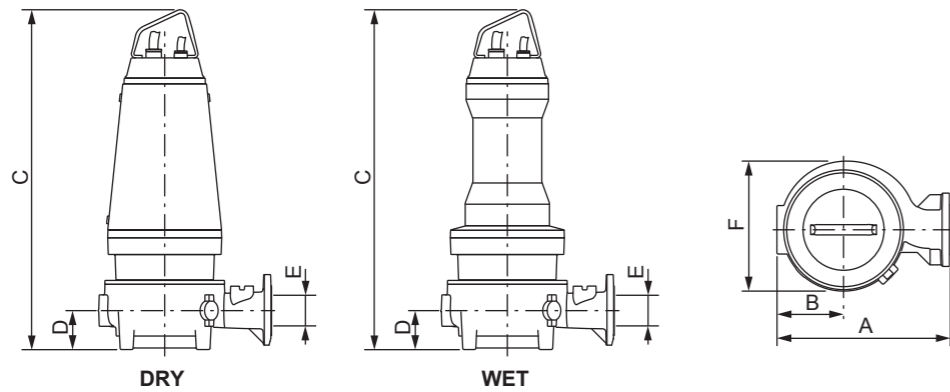
Suction: DN150



Motor

Type	V/Phases	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

Overall dimensions and weight

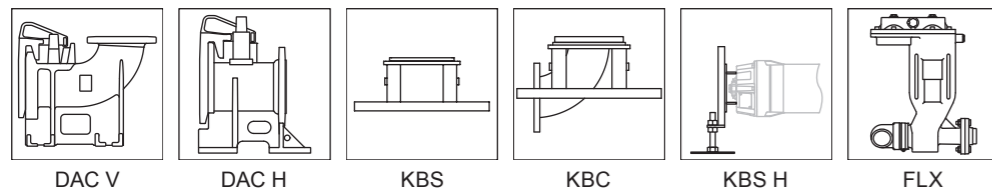


	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 150N 4/4 AW (D)	612	222	955	1032	130	150	448	197.0	282.0
MQB 150N 5.5/4 AW (D)	612	222	955	1032	130	150	448	200.0	286.0
MQB 150N 7.5/4 AW (D)	612	222	1032	1032	130	150	448	249.0	284.3
MQB 150N 9/4 AW (D)	612	222	1122	1122	130	150	448	270.3	303.3
MQB 150N 11/4 AW (D)	612	222	1175	1175	130	150	448	321.5	368.5

(+) Weight for the DRY version includes cooling fluid

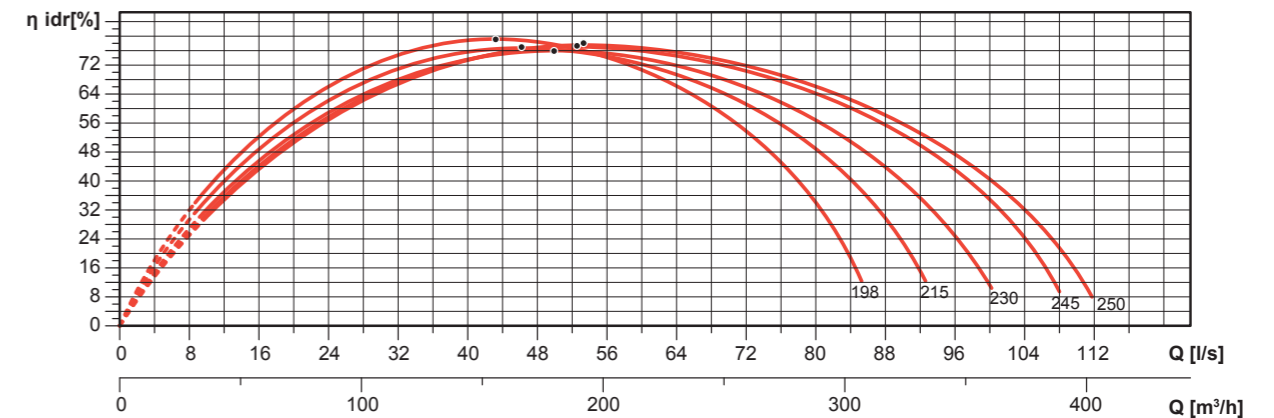
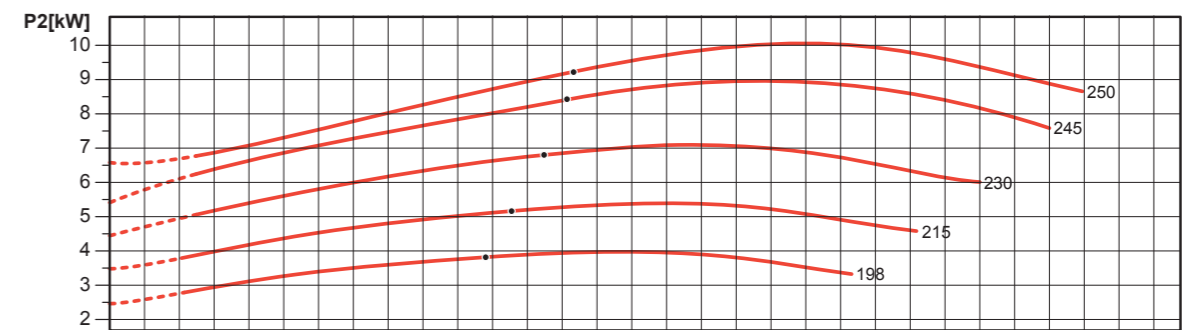
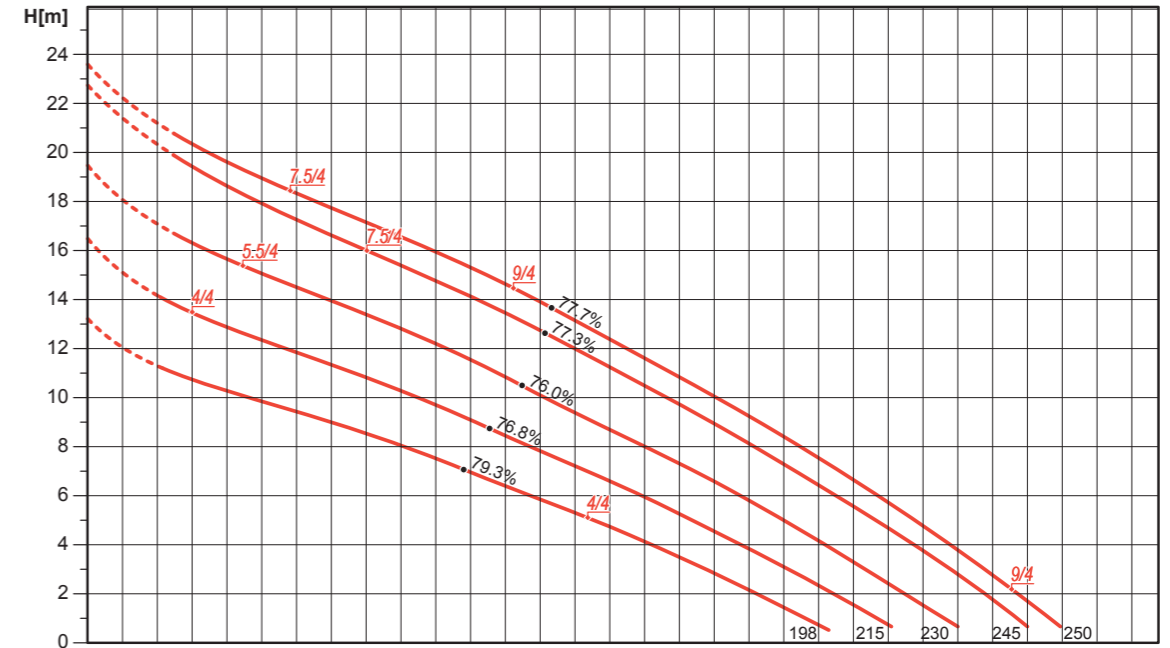
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



The data provided are not binding. Tsurumi reserves the right to modify any product without notice.

Performances



Characteristic curves according to UNI EN ISO 9906

MQB 150R

1.8 kW - 6 poles

MQB 150R

Hydraulics

Open channel impeller

Free passage: 100 mm

Discharge: DN150 - PN10-16 EN 1092-2

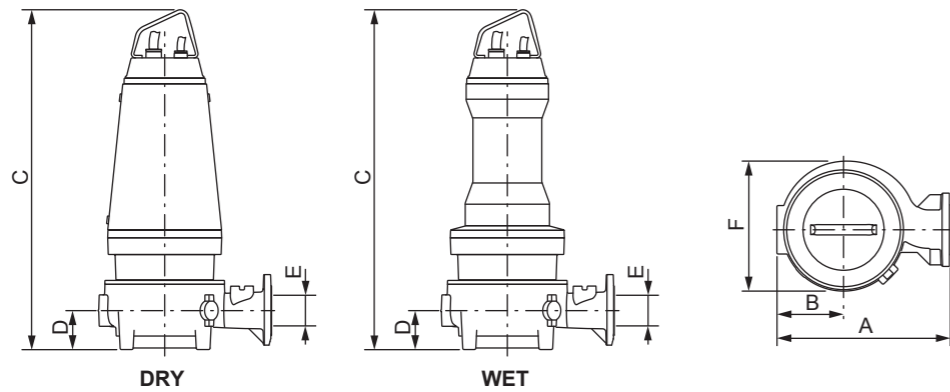
Suction: DN100



Motor

Type	V/Phases	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
1.8/6 B	400-700/3	Y Δ	4.3	0.72	2.2	1.8	83.4	IE3

Overall dimensions and weight

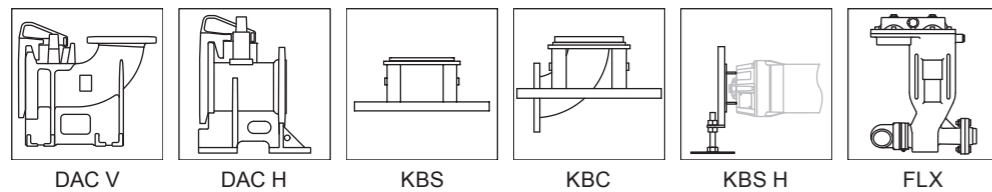


	A	B	C mm		D	E	F	Kg	
	mm	mm	WET	DRY	mm	mm	mm	WET	DRY (+)
MQB 150R 1.8/6 BW	506	202	813	-	114	150	394	124	-

(+) Weight for the DRY version includes cooling fluid

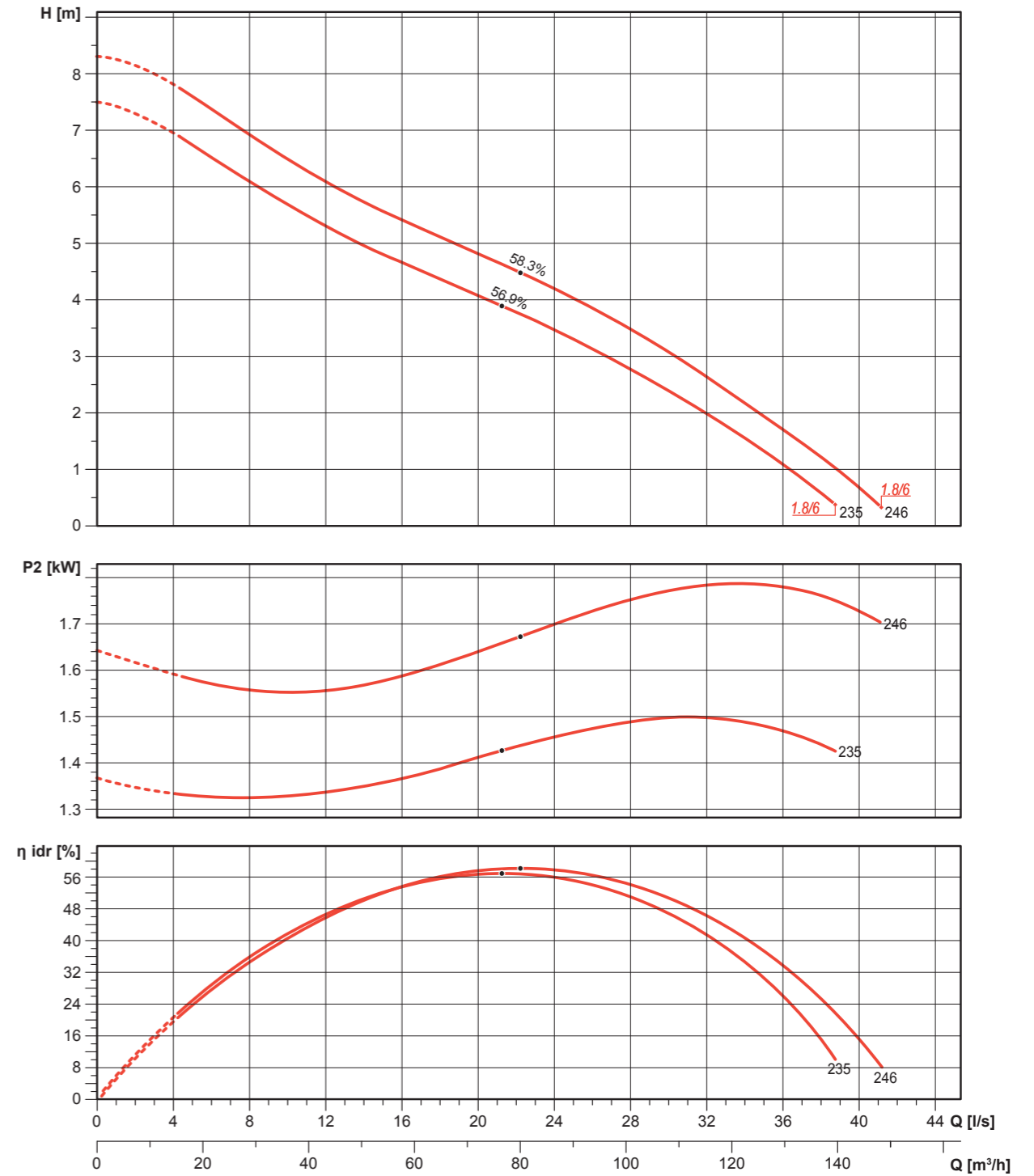
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQB 200A

7.5 - 13 kW - 6 poles

MQB 200A

Hydraulics

Open channel impeller

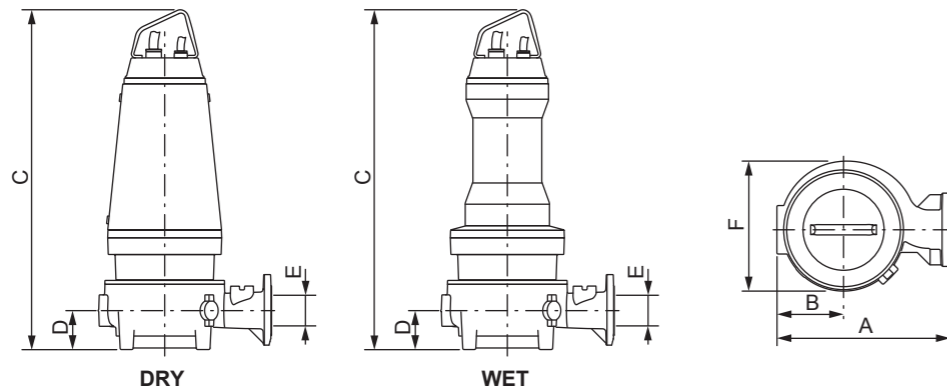
Free passage: 100x70 mm
 Discharge: DN200 - PN10 EN 1092-2
 Suction: DN250



Motor

Type	V/Phases	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	0.78	12.2	11.0	90.2	IE3
13/6 H	400-700/3	Y Δ	25.9	0.81	14.6	13.0	89.2	IE2

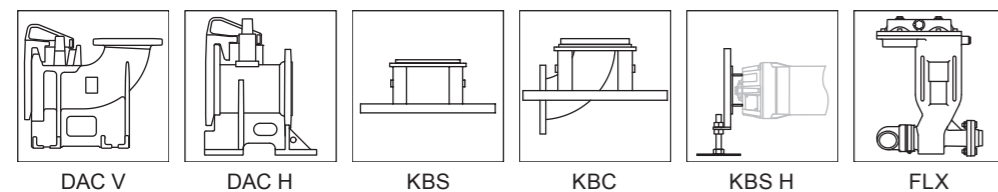
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 200A 7.5/6 AW (D)	692	273	1265	1265	203	200	539	356.8	403.8
MQB 200A 9/6 AW (D)	692	273	1265	1265	203	200	539	364.5	411.5
MQB 200A 11/6 AW (D)	692	273	1265	1265	203	200	539	374.8	421.8
MQB 200A 13/6 HW (D)	692	273	1265	1265	203	200	539	374.8	421.8

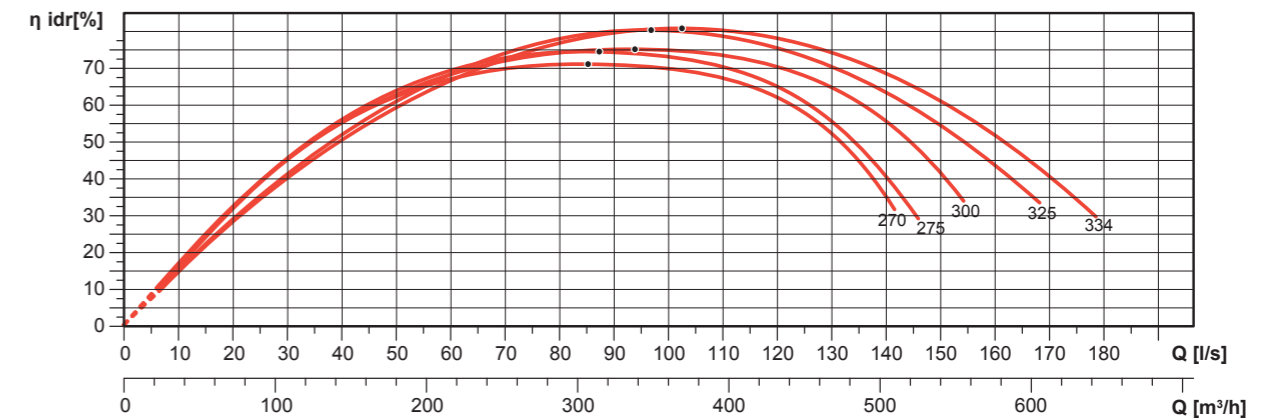
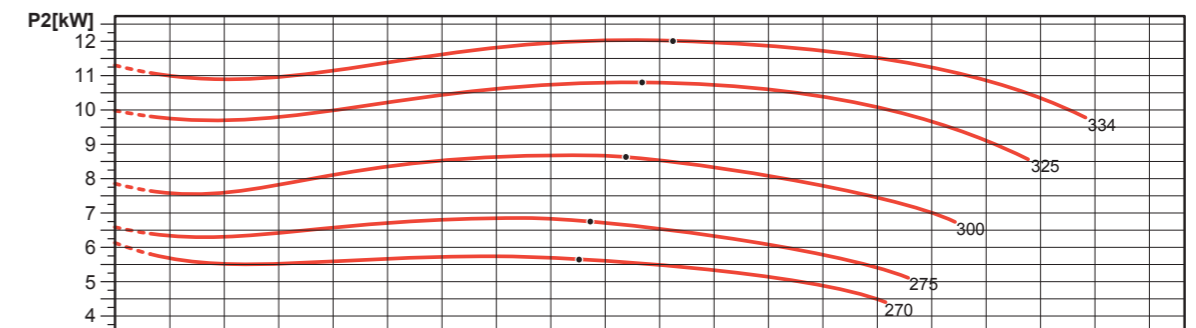
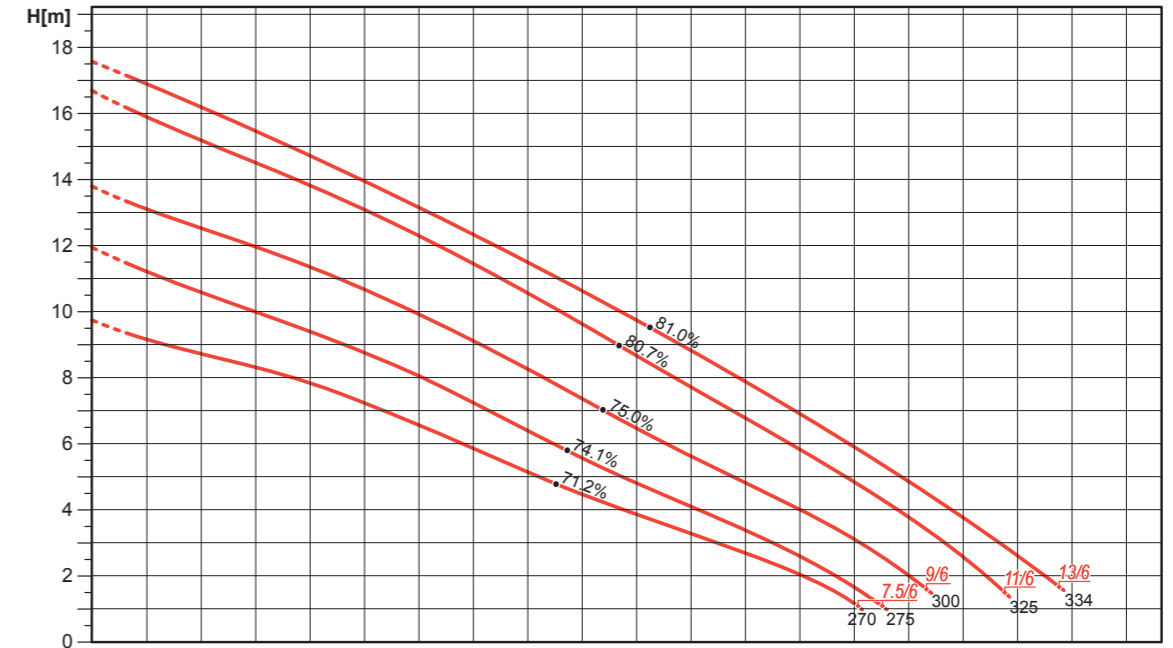
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



The data provided are not binding. Tsurumi reserves the right to modify any product without notice.

Performances



Characteristic curves according to UNI EN ISO 9906

MQB 200B

11 - 37 kW - 4 poles

MQB 200B

Hydraulics

Open channel impeller

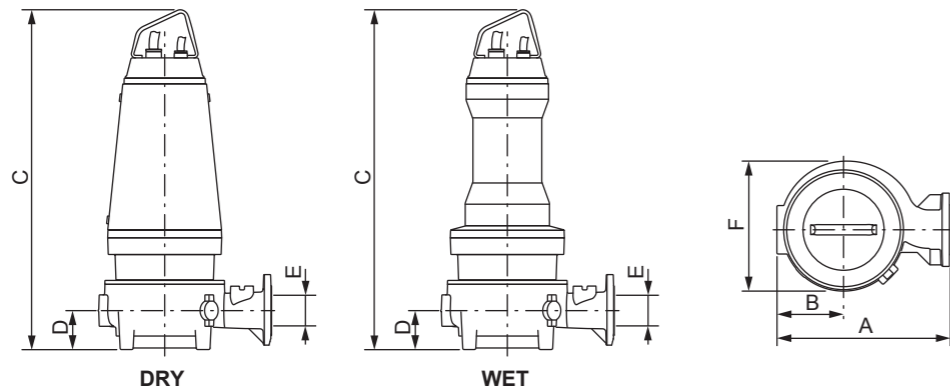
Free passage: 80 mm
 Discharge: DN200 - PN10 EN 1092-2
 Suction: DN200



Motor

Type	V/Phases	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
11/4 A	400-700/3	Y Δ	21.3	0.81	12.0	11.0	91.4	IE3
15/4 A	400-700/3	Y Δ	28.2	0.84	16.3	15.0	91.9	IE3
18.5/4 A	400-700/3	Y Δ	35.2	0.82	20.0	18.5	92.6	IE3

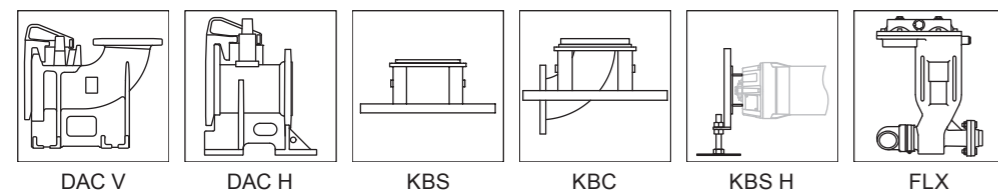
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 200B 11/4 AW (D)	692	273	1233	1233	172	200	540	352.1	399.1
MQB 200B 15/4 AW (D)	692	273	1233	1233	172	200	540	365.8	412.8
MQB 200B 18.5/4 AW (D)	692	273	1416	1416	172	200	540	450.4	503.4

(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

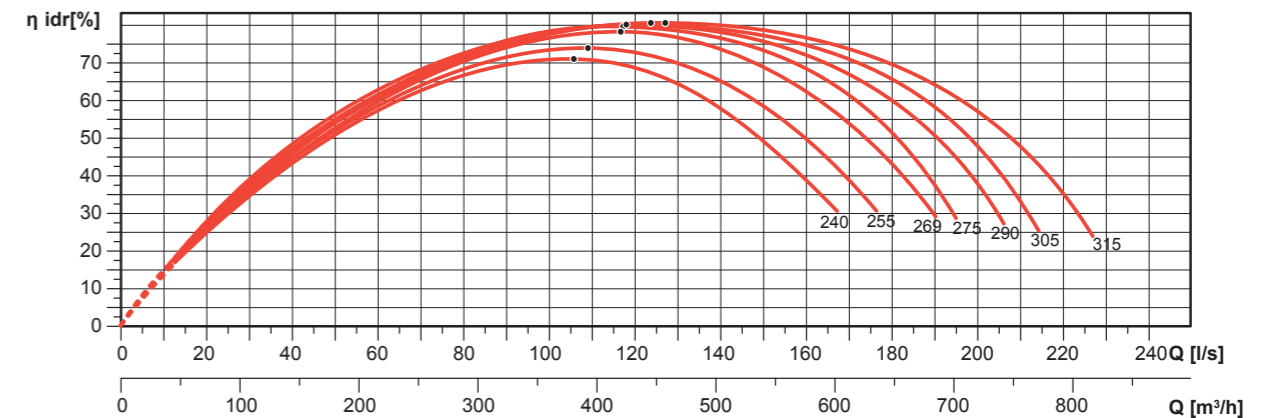
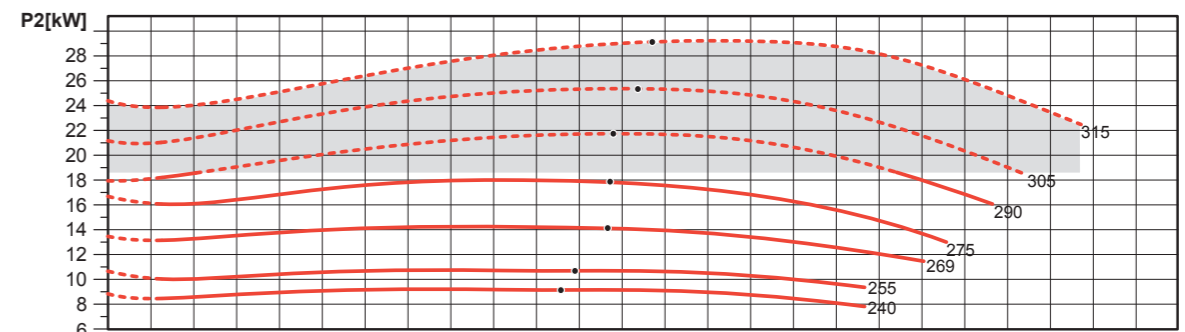
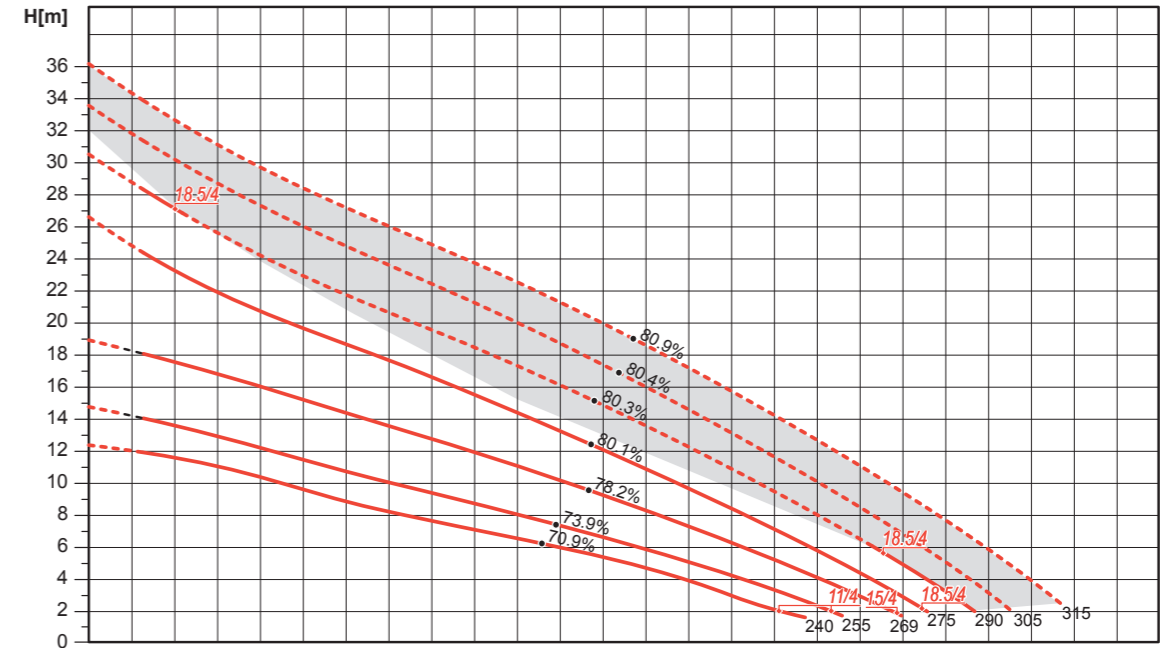
Available accessories



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Performances

Contact Tsurumi



Characteristic curves according to UNI EN ISO 9906

MQB 200B

7.5 - 9 kW - 6 poles

MQB 200B

Hydraulics

Open channel impeller

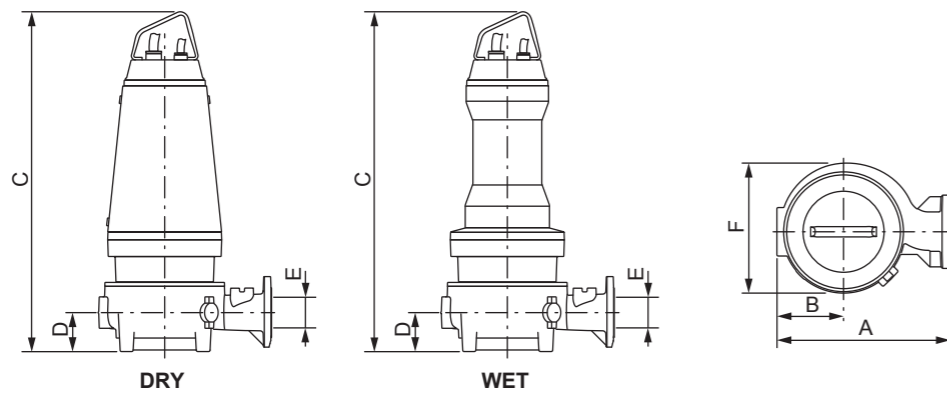
Free passage: 80 mm
 Discharge: DN200 - PN10 EN 1092-2
 Suction: DN200



Motor

Type	V/Phases	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	10.0	9.0	89.7	IE3

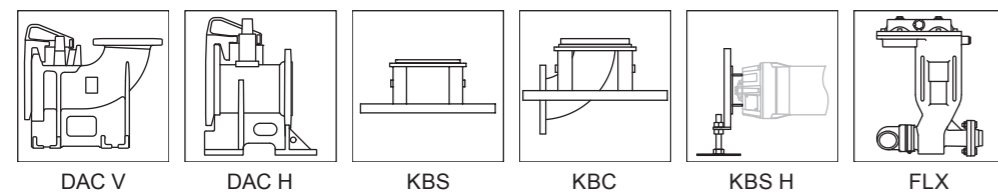
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 200B 7.5/6 AW (D)	692	273	1233	1233	172	200	540	319.6	366.6
MQB 200B 9/6 AW (D)	692	273	1233	1233	172	200	540	327.3	374.3

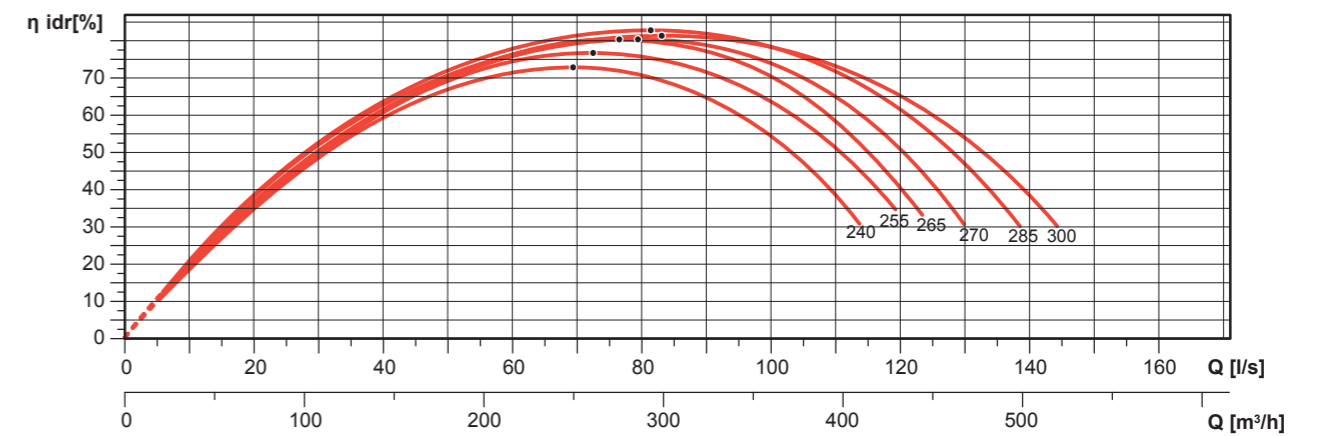
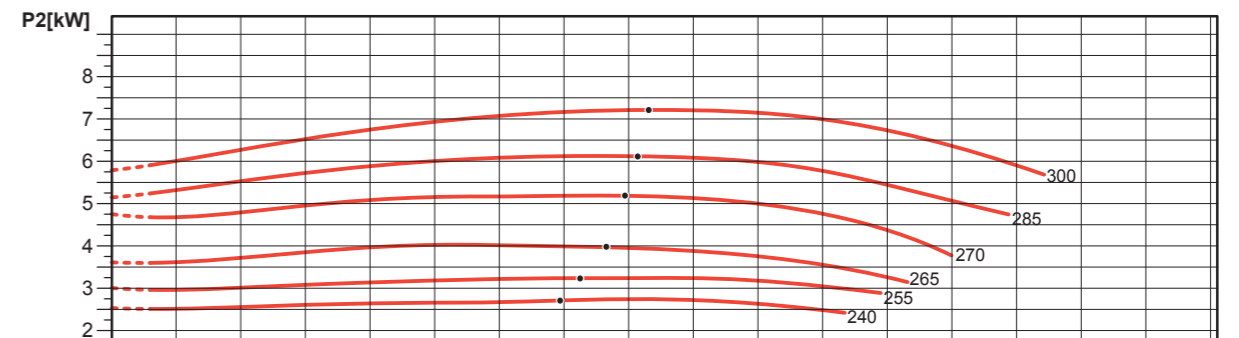
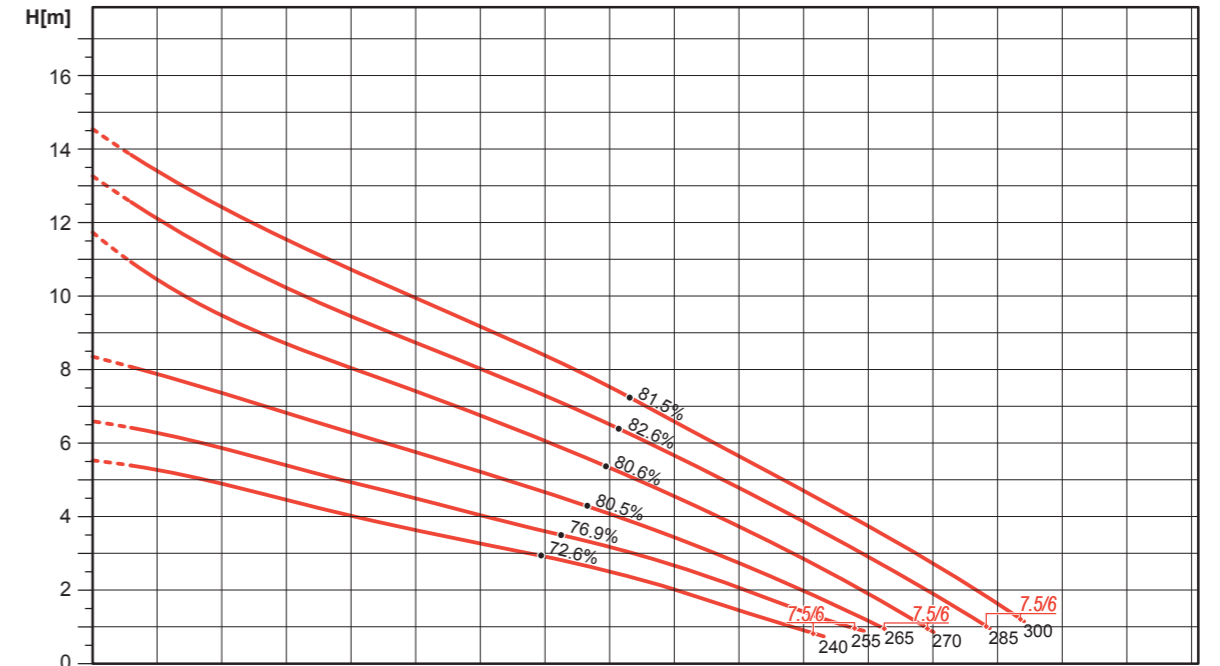
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQB 250C

7.5 - 13 kW - 6 poles

MQB 250C

Hydraulics

Open channel impeller

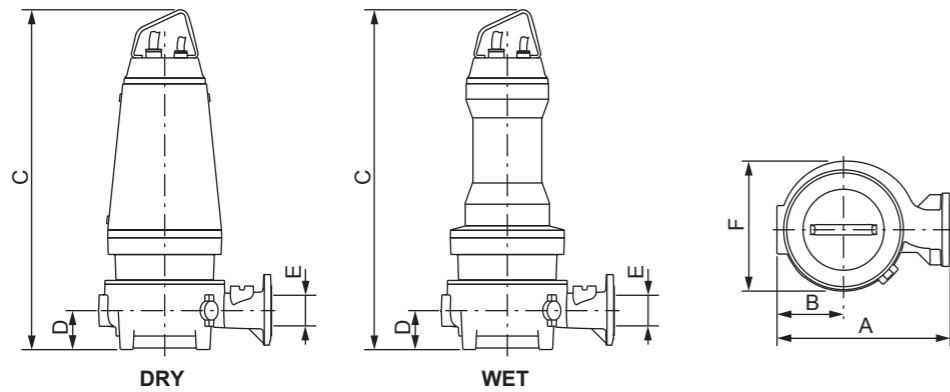
Free passage: 100x70 mm
 Discharge: DN250 - PN10 EN 1092-2
 Suction: DN250



Motor

Type	V/Phases	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	0.78	12.2	11.0	90.2	IE3
13/6 H	400-700/3	Y Δ	25.9	0.81	14.6	13.0	89.2	IE2

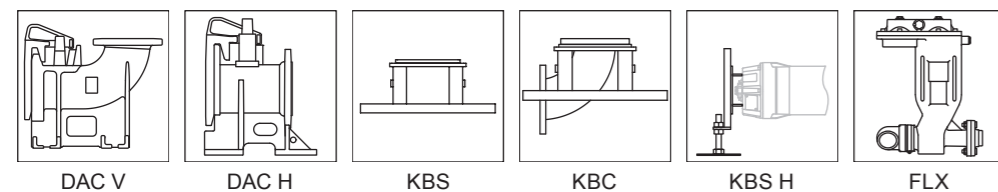
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 250C 7.5/6 AW (D)	810	335	1265	1265	205	250	610	382.3	429.3
MQB 250C 9/6 AW (D)	810	335	1265	1265	205	250	610	390	437
MQB 250C 11/6 AW (D)	810	335	1265	1265	205	250	610	400.3	447.3
MQB 250C 13/6 HW (D)	810	335	1265	1265	205	250	610	400.3	447.3

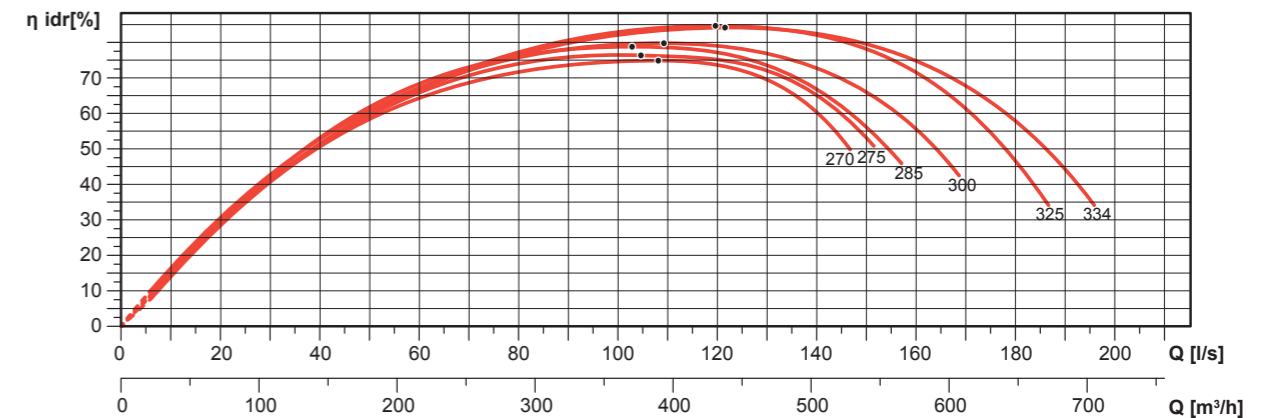
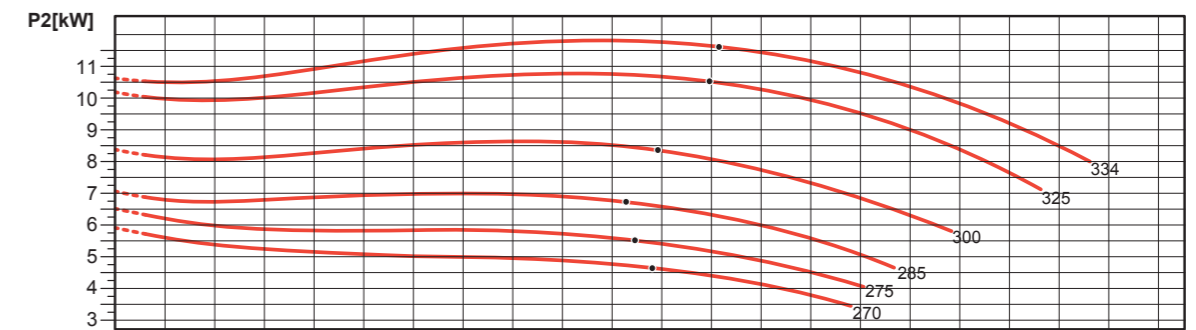
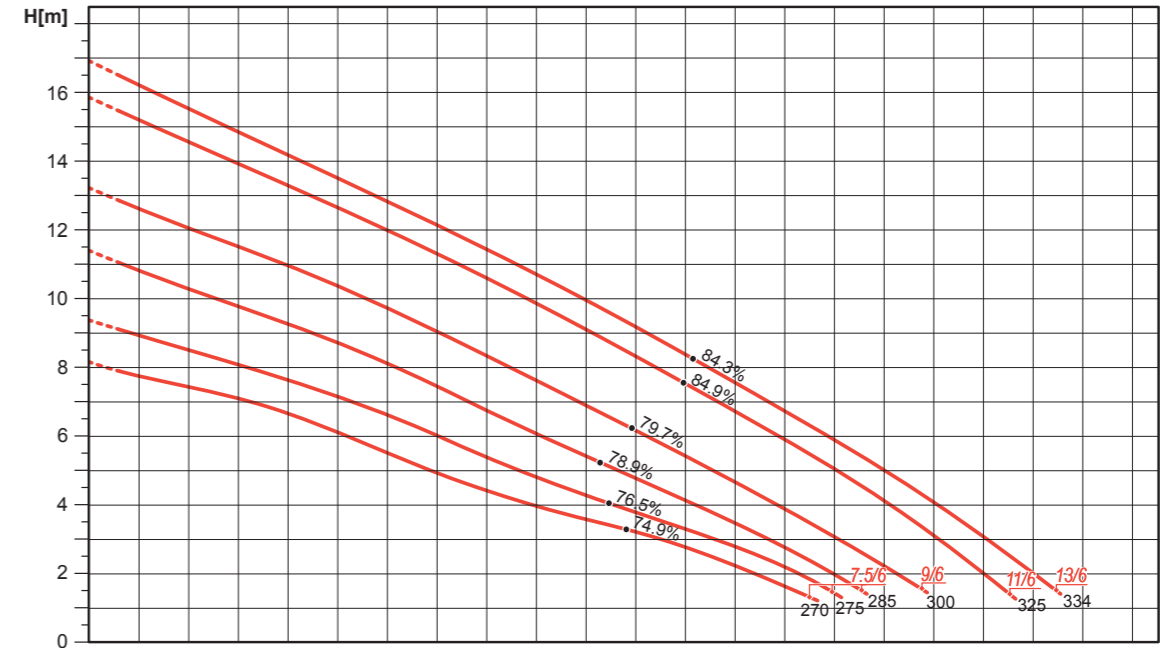
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQB 250H

11 - 37 kW - 4 poles

MQB 250H

Hydraulics

Open channel impeller

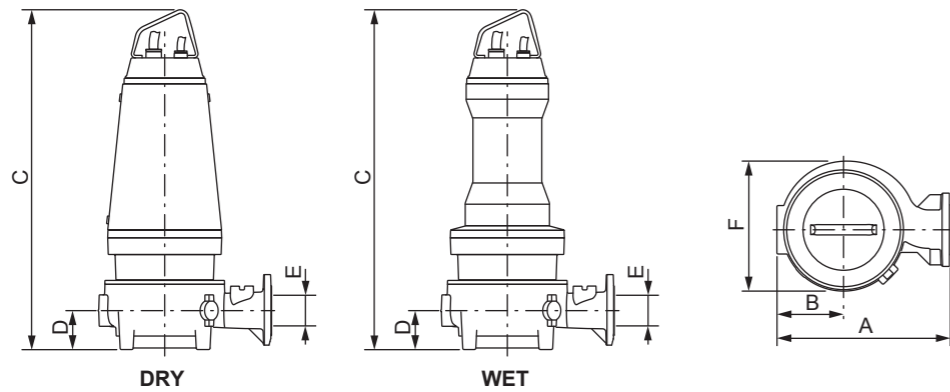
Free passage: 80 mm
 Discharge: DN250 - PN10 EN 1092-2
 Suction: DN250



Motor

Type	V/Phases	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
11/4 A	400-700/3	Y Δ	21.3	0.81	12.0	11.0	91.4	IE3
15/4 A	400-700/3	Y Δ	28.2	0.84	16.3	15.0	91.9	IE3
18.5/4 A	400-700/3	Y Δ	35.2	0.82	20.0	18.5	92.6	IE3

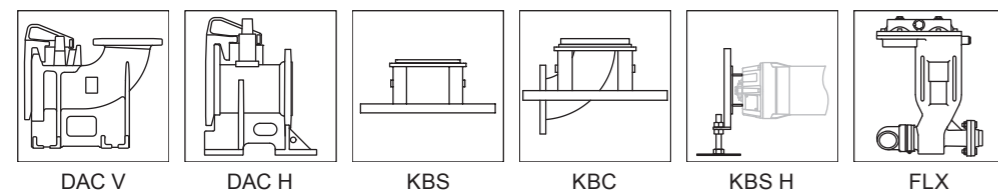
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 250H 11/4 AW (D)	810	335	1265	1265	205	250	610	382.6	429.6
MQB 250H 15/4 AW (D)	810	335	1265	1265	205	250	610	396.3	443.3
MQB 250H 18.5/4 AW (D)	810	335	1445	1445	205	250	610	480.9	533.9

(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

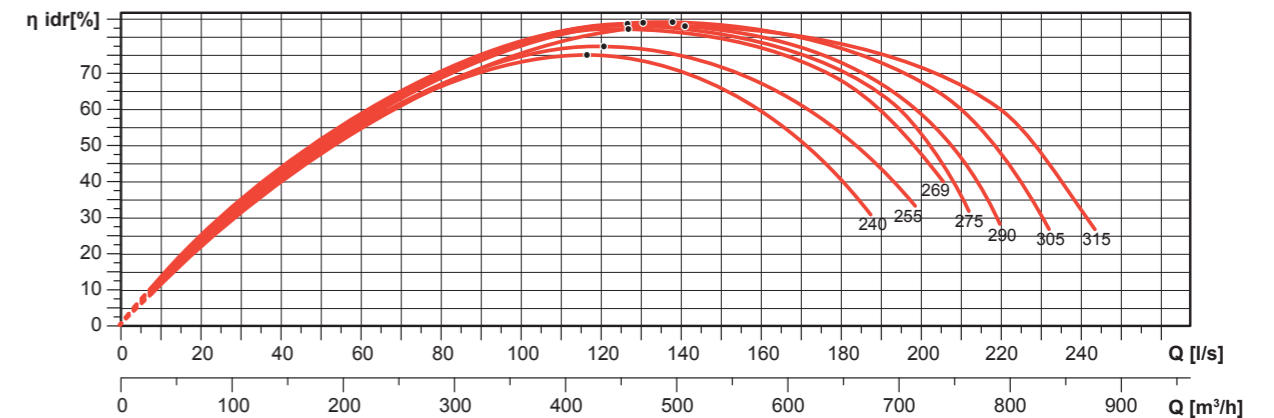
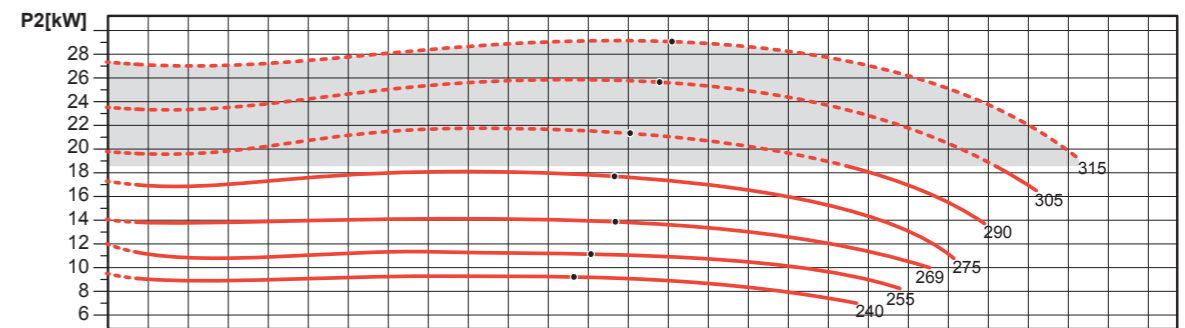
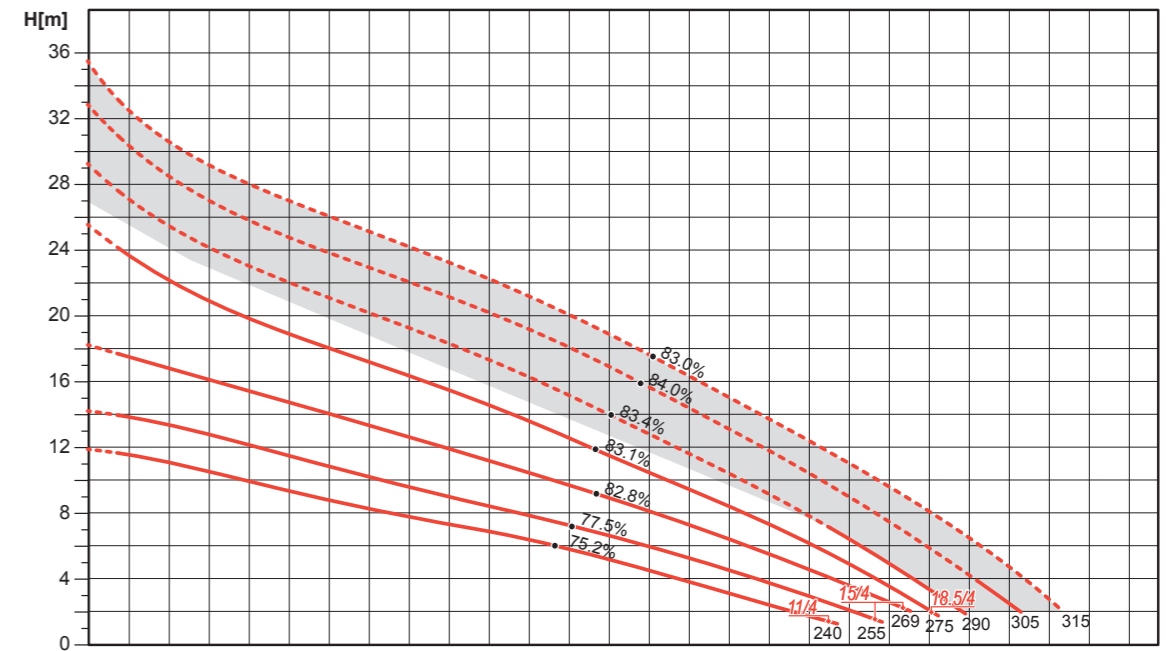
Available accessories



The data provided are not binding. Tsurumi reserves the right to modify any product without notice.

Performances

Contact Tsurumi



Characteristic curves according to UNI EN ISO 9906

MQB 250H

7.5 - 11 kW - 6 poles

MQB 250H

Hydraulics

Open channel impeller

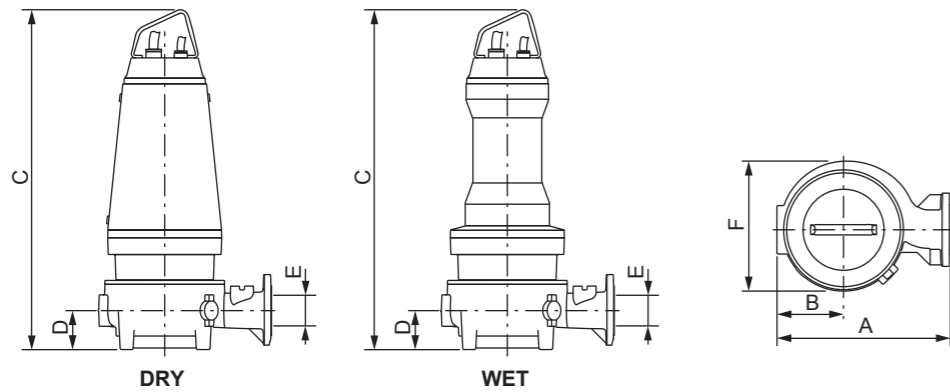
Free passage: 80 mm
 Discharge: DN250 - PN10 EN 1092-2
 Suction: DN250



Motor

Type	V/Phases	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	0.78	12.2	11.0	90.2	IE3

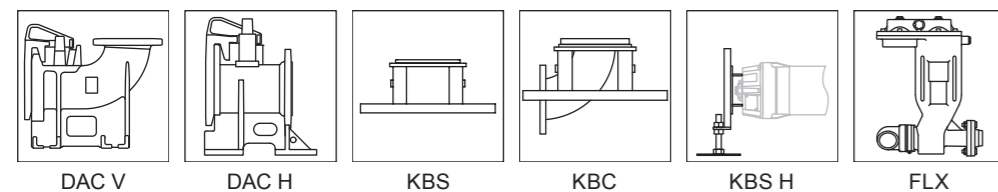
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 250H 7.5/6 AW (D)	810	335	1265	1265	205	250	610	350.1	397.1
MQB 250H 9/6 AW (D)	810	335	1265	1265	205	250	610	357.8	404.8
MQB 250H 11/6 AW (D)	810	335	1265	1265	205	250	610	368.1	415.1

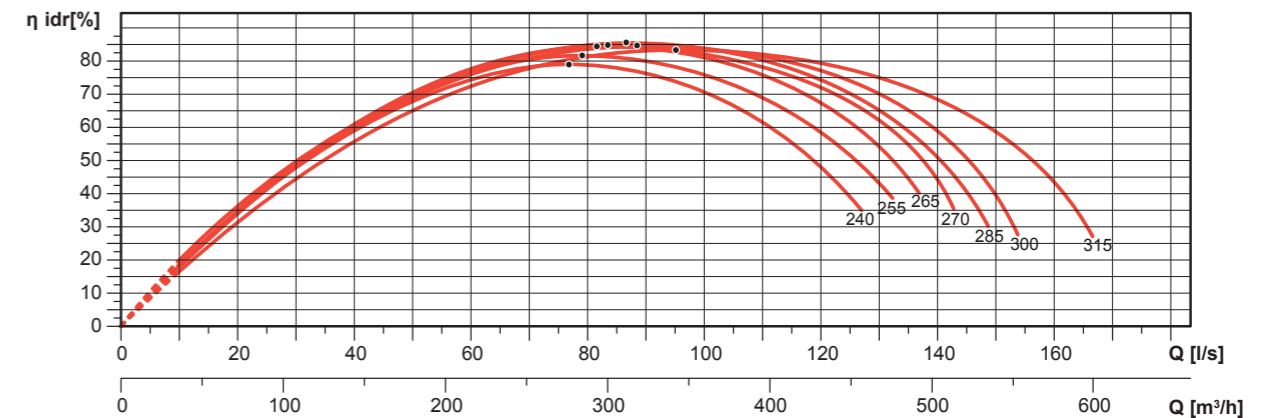
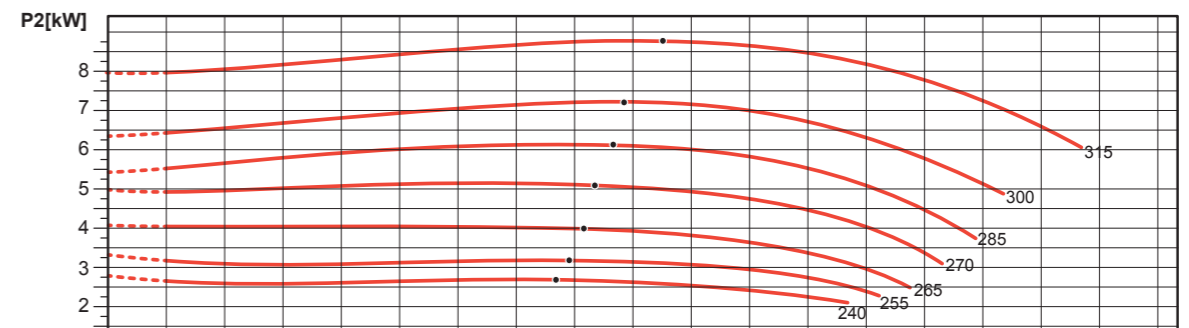
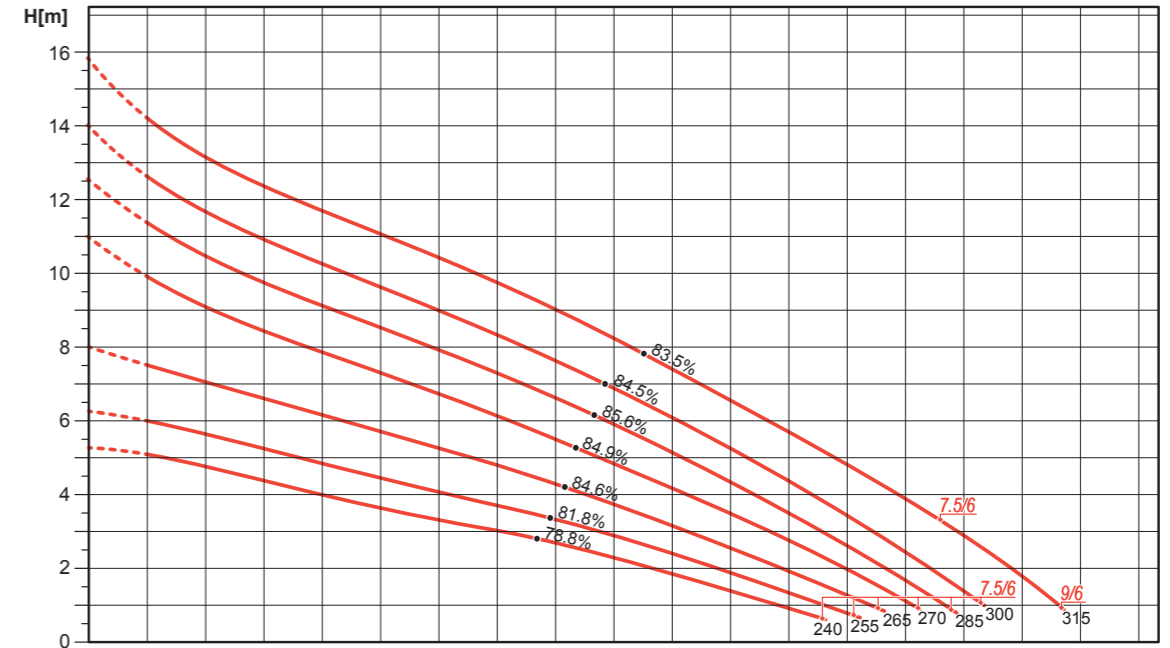
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



The data provided are not binding. Tsurumi reserves the right to modify any product without notice.

Performances



Characteristic curves according to UNI EN ISO 9906

MQB 250K

11 - 15 kW - 6 poles

MQB 250K

Hydraulics

Open channel impeller

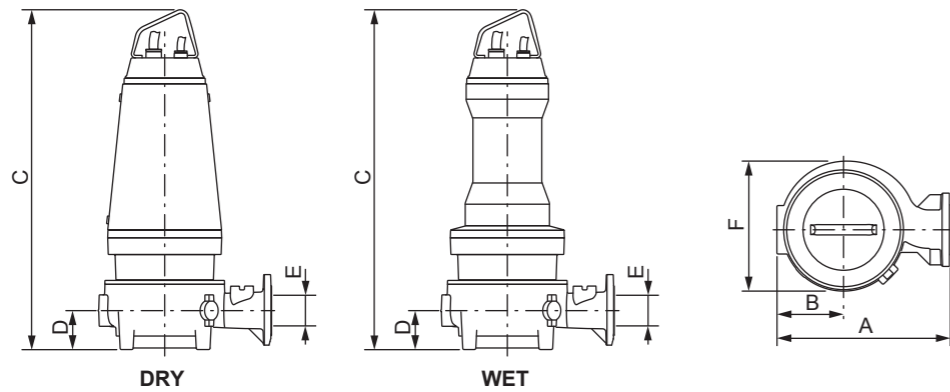
Free passage: 130 mm
 Discharge: DN250 - PN10 EN 1092-2
 Suction: DN250



Motor

Type	V/Phases	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

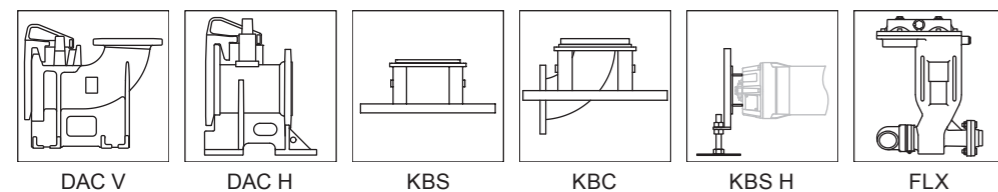
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	G mm	H mm	Kg	
			WET	DRY						WET	DRY (+)
MQB 250K 11/6 AW (D)	808	334	1265	1265	203	250	609	22	350	12	400.3 / 447.3
MQB 250K 13/6 HW (D)	808	334	1265	1265	203	250	609	22	350	12	400.3 / 447.3
MQB 250K 15/6 AW (D)	808	334	1448	1448	203	250	609	22	350	12	535.3 / 588.3

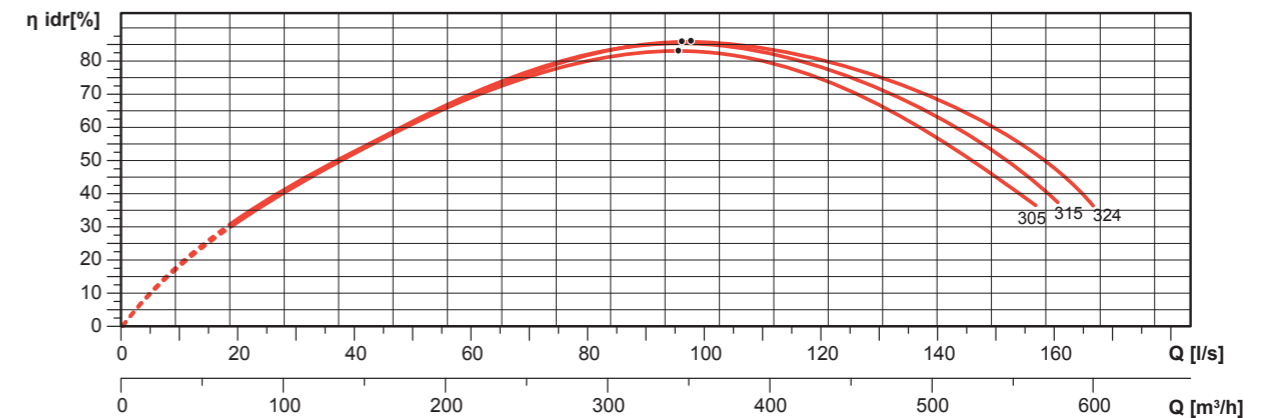
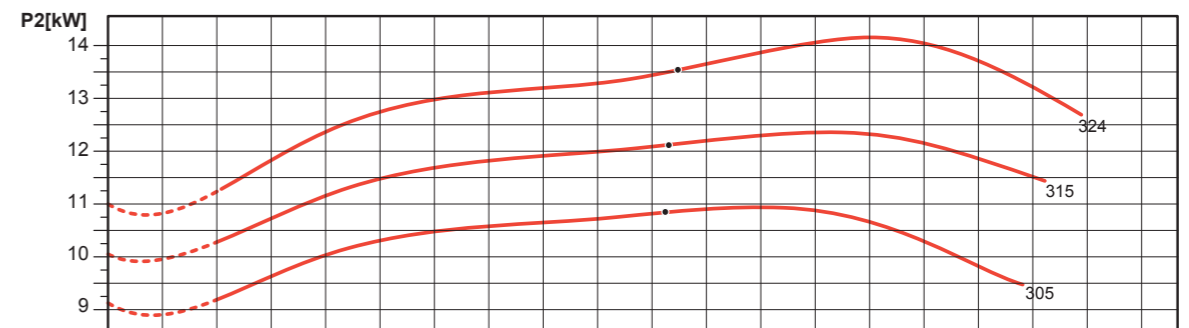
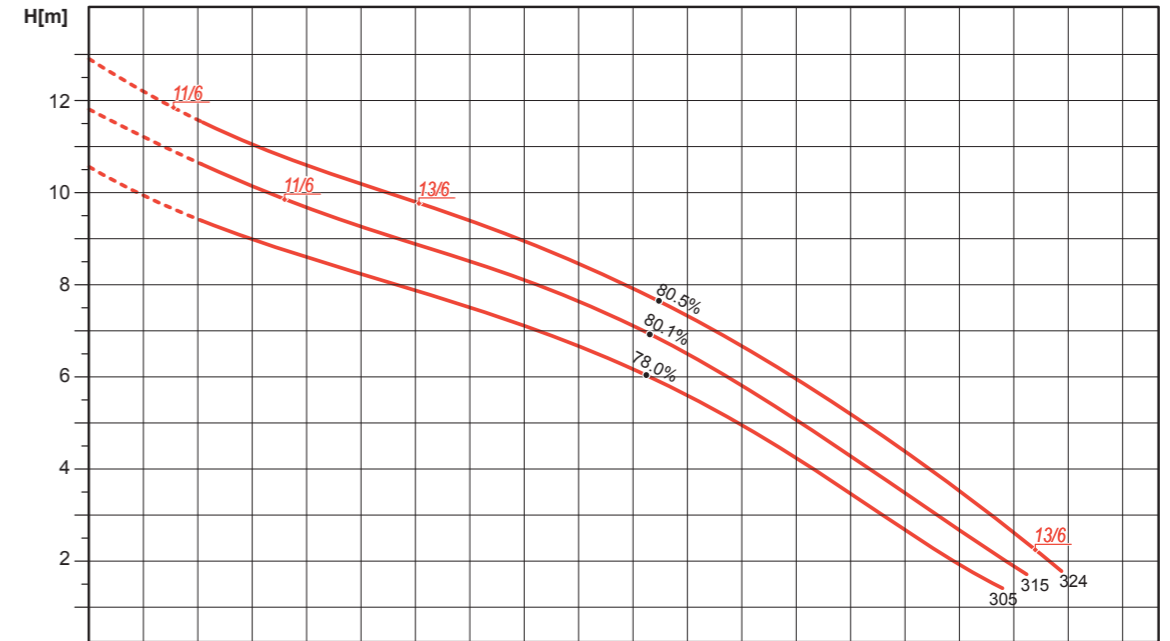
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



The data provided are not binding. Tsurumi reserves the right to modify any product without notice.

Performances



Characteristic curves according to UNI EN ISO 9906

MQU 065A

4 - 9 kW - 2 poles

MQU 065A

Hydraulics

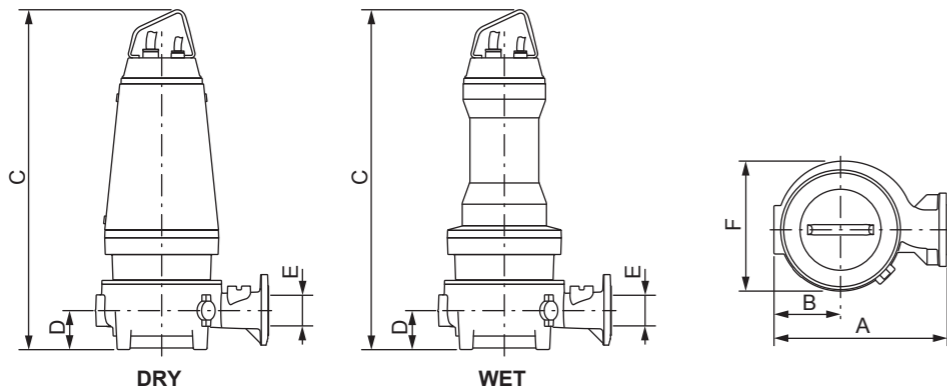
Vortex impeller
 Free passage: 65 mm
 Discharge: DN65 - PN10-16 EN 1092-2
 Suction: DN65



Motor

Type	V/Phases	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	88.2	IE3
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

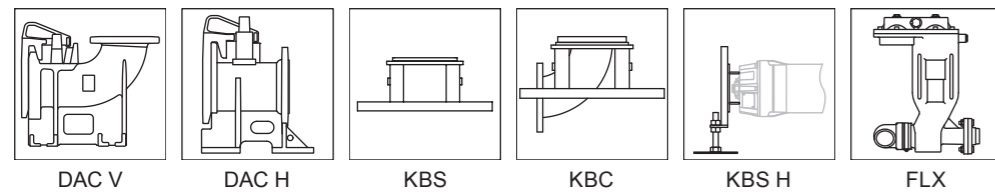
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQU 065A 4/2 AW (D)	325	140	845	945	90	65	285	121.5	137.5
MQU 065A 5.5/2 AW	325	140	845	-	90	65	285	124.5	-
MQU 065A 7.5/2 AW	325	140	945	-	90	65	285	137.5	-
MQU 065A 9/2 AW	325	140	945	-	90	65	285	141.5	-

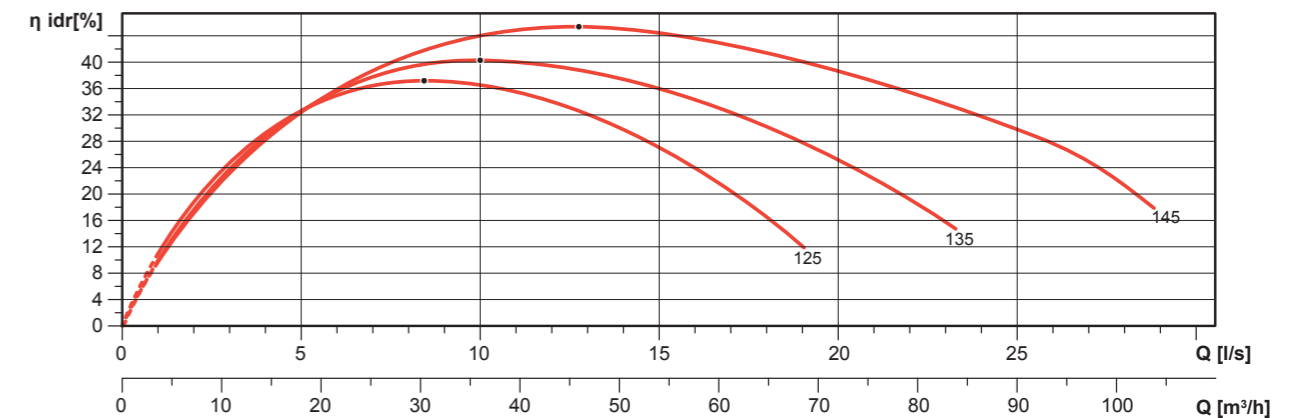
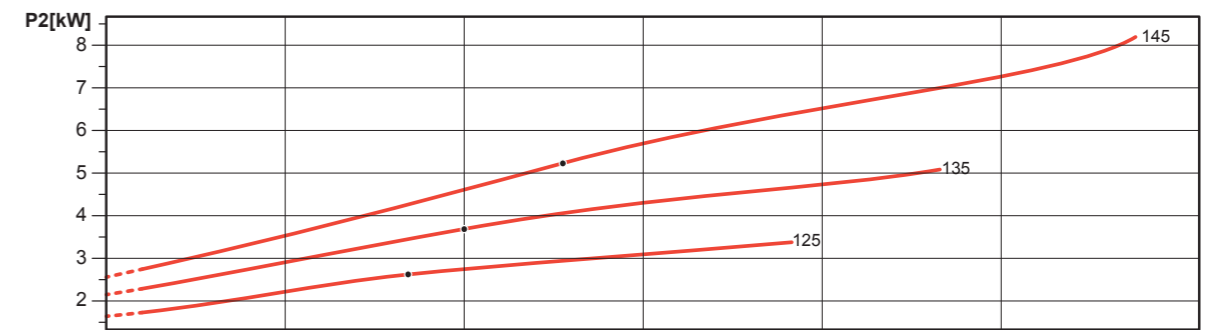
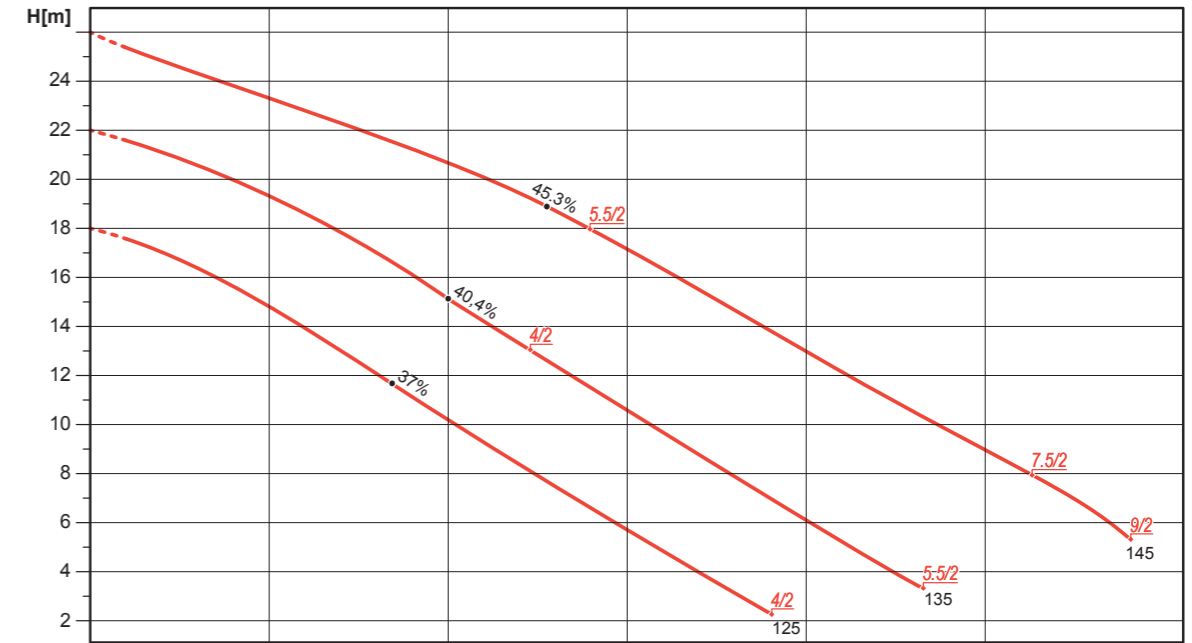
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)
 80 mm discharge bore available

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQU 080A

4 - 11 kW - 2 poles

MQU 080A

Hydraulics

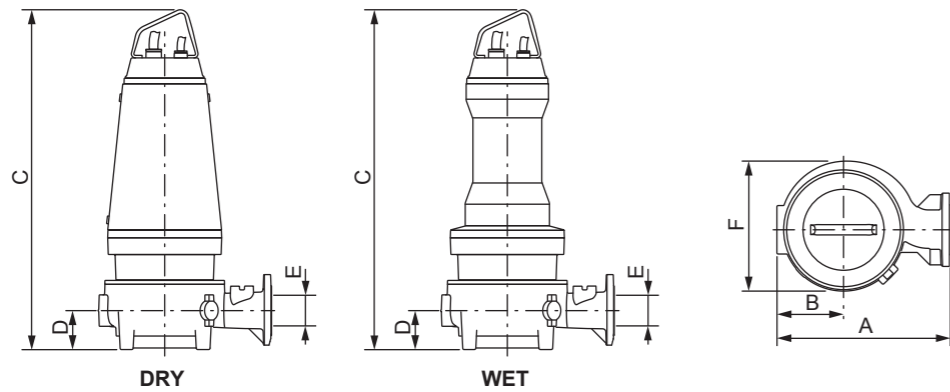
Vortex impeller
 Free passage: 80 mm
 Discharge: DN80 - PN10-16 EN 1092-2
 Suction: DN80



Motor

Type	V/Phases	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	88.2	IE3
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

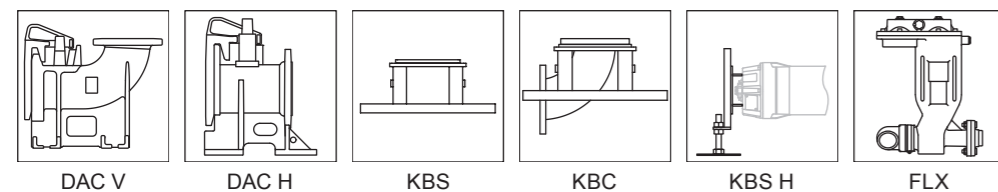
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQU 080A 4/2 AW (D)	330	142	854	954	92	80	284	121.9	137.9
MQU 080A 5.5/2 AW	330	142	854	-	92	80	284	124.9	-
MQU 080A 7.5/2 AW	330	142	954	-	92	80	284	137.9	-
MQU 080A 9/2 AW	330	142	954	-	92	80	284	141.9	-
MQU 080A 11/2 AW	330	142	954	-	92	80	284	145.9	-

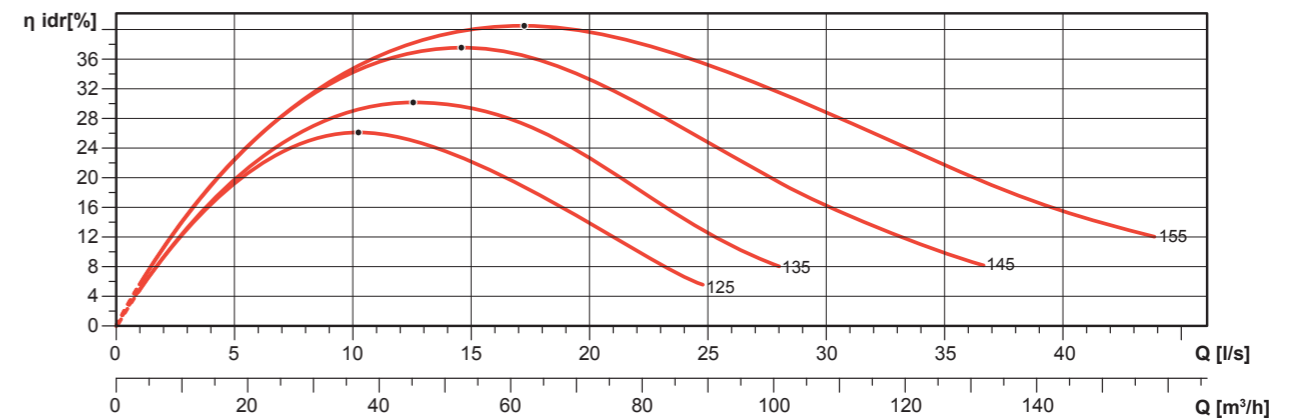
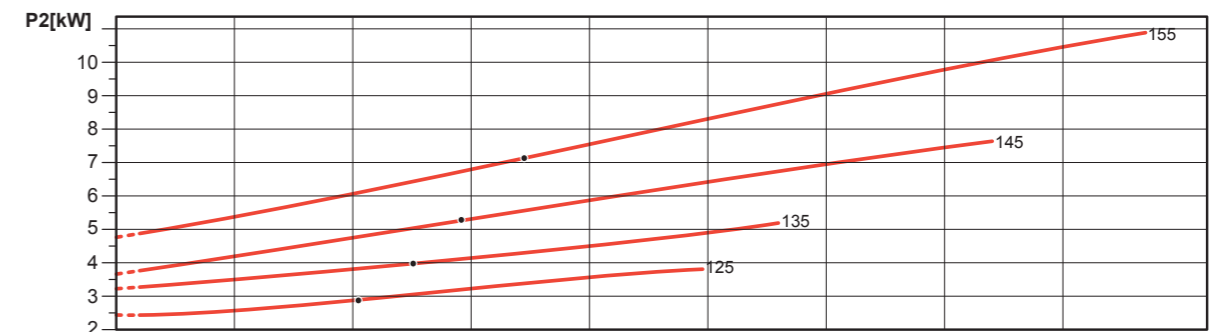
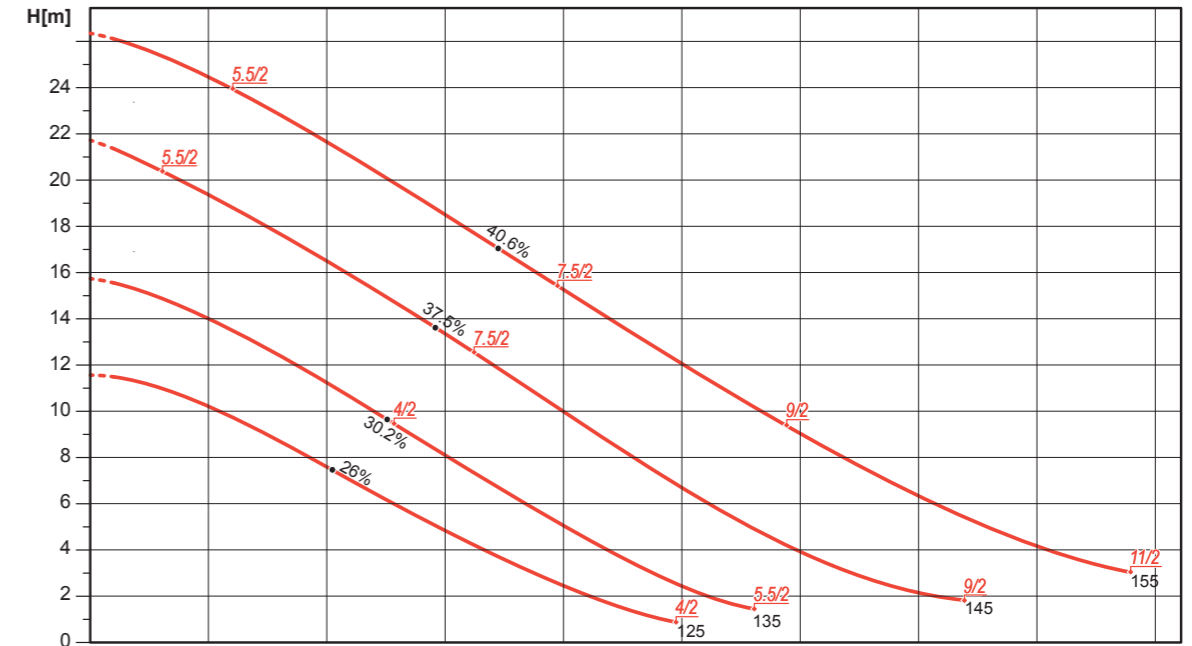
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



The data provided are not binding. Tsurumi reserves the right to modify any product without notice.

Performances



Characteristic curves according to UNI EN ISO 9906

MQU 080B

7.5 - 18.5 kW - 2 poles

MQU 080B

Hydraulics

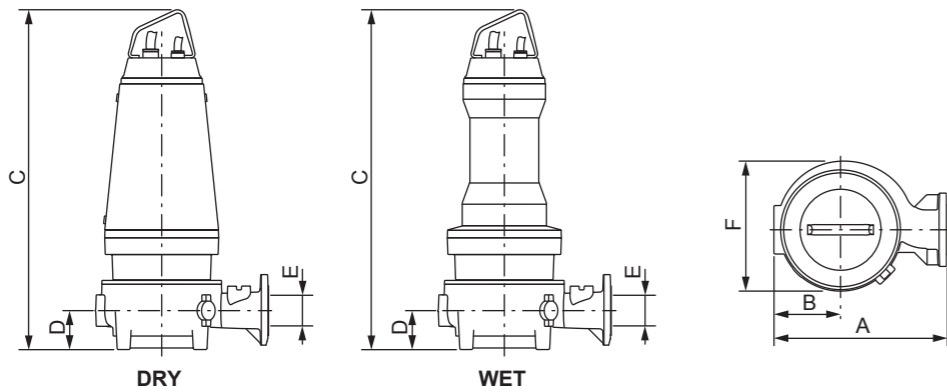
Vortex impeller
 Free passage: 80 mm
 Discharge: DN80 - PN10-16 EN 1092-2
 Suction: DN80



Motor

Type	V/Phases	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	90.1	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
18.5/2 A	400-700/3	Y Δ	33.1	0.87	20.0	18.5	92.3	IE3

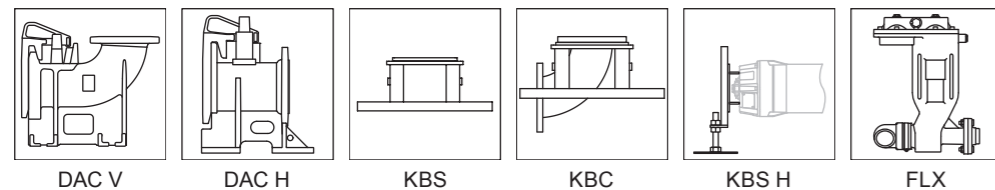
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQU 080B 7.5/2 AW (D)	401	168	954	1030	92	80	323	158.2	242.2
MQU 080B 9/2 AW (D)	401	168	954	1030	92	80	323	162.2	246.2
MQU 080B 11/2 AW (D)	401	168	954	1030	92	80	323	166.2	250.2
MQU 080B 15/2 AW (D)	414	181	1121	1121	92	80	363	229.3	264.9
MQU 080B 18.5/2 AW (D)	414	181	1121	1121	92	80	363	238.8	274.4

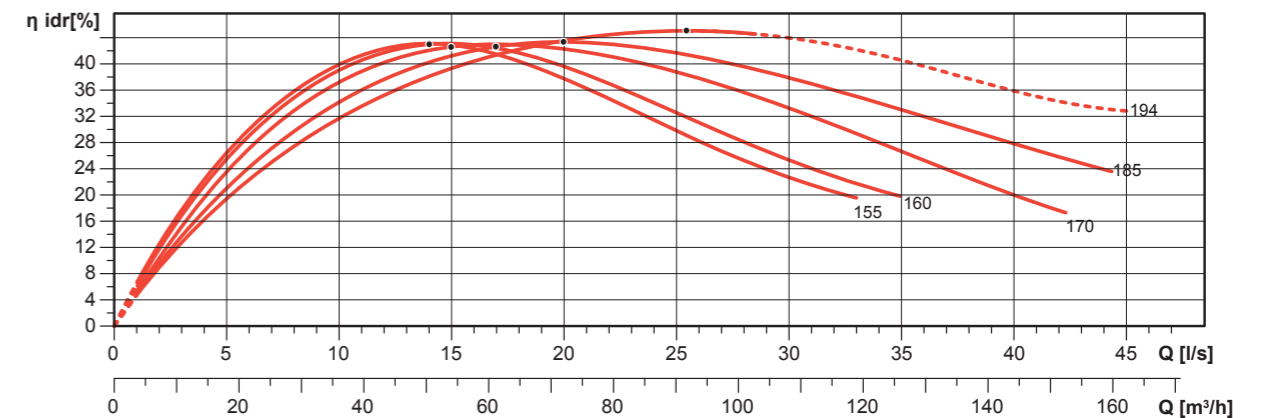
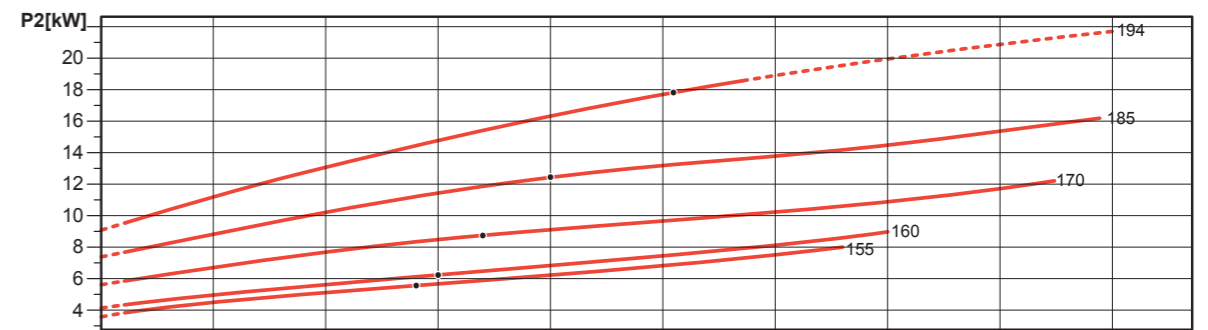
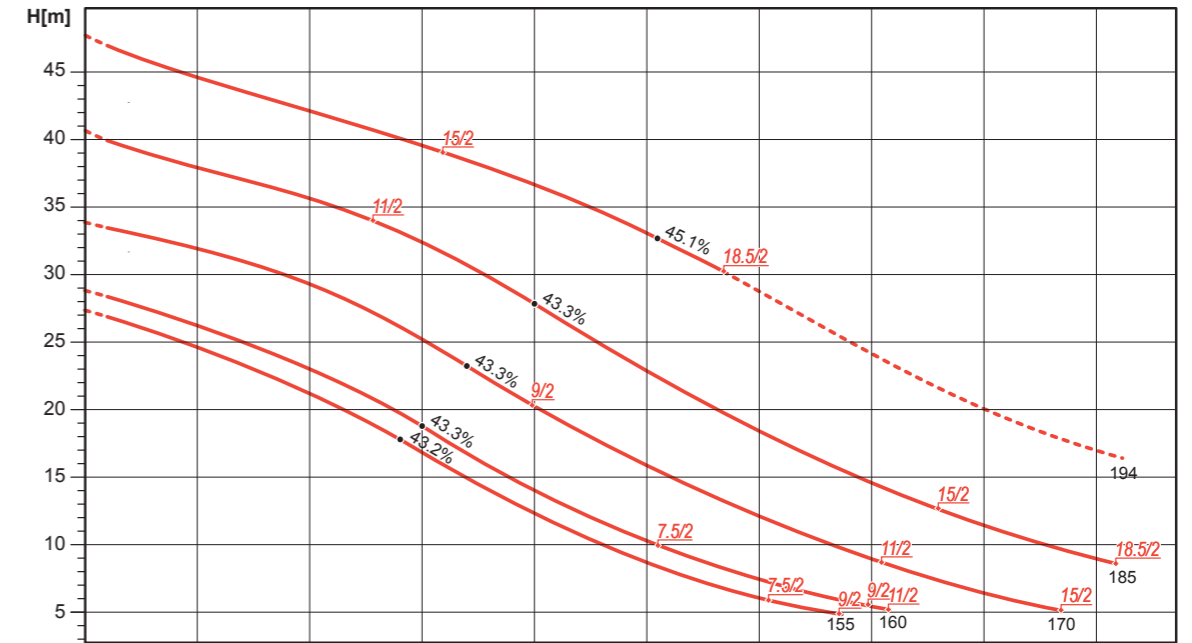
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



The data provided are not binding. Tsurumi reserves the right to modify any product without notice.

Performances



Characteristic curves according to UNI EN ISO 9906

MQU 080C

3 - 5.5 kW - 4 poles

MQU 080C

Hydraulics

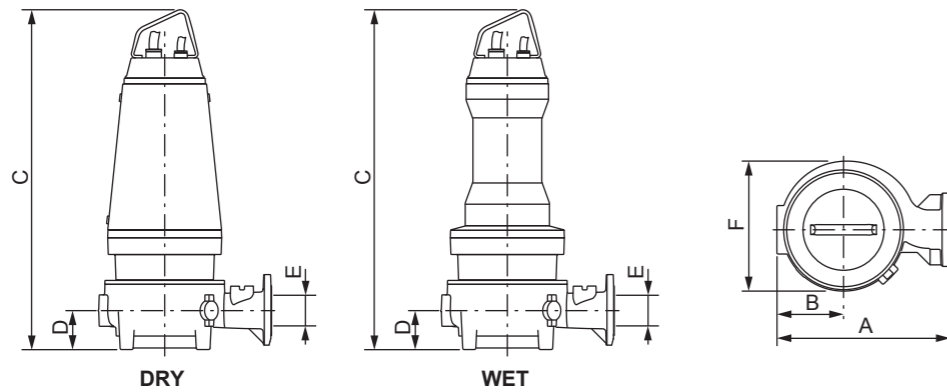
Vortex impeller
 Free passage: 65 mm
 Discharge: DN80 - PN10-16 EN 1092-2
 Suction: DN80



Motor

Type	V/Phases	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
3/4 A	400-700/3	Y Δ	6.6	0.75	3.4	3.0	87.7	IE3
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

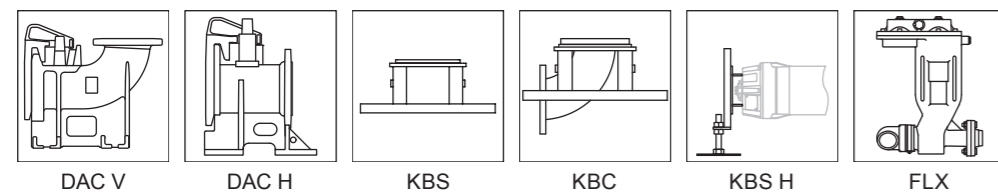
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQU 080C 3/4 AW	397.5	162.5	855	-	90	80	325	147.8	-
MQU 080C 4/4 AW (D)	397.5	162.5	955	1030	90	80	325	181.8	250.8
MQU 080C 5.5/4 AW (D)	397.5	162.5	955	1030	90	80	325	185.8	250.8

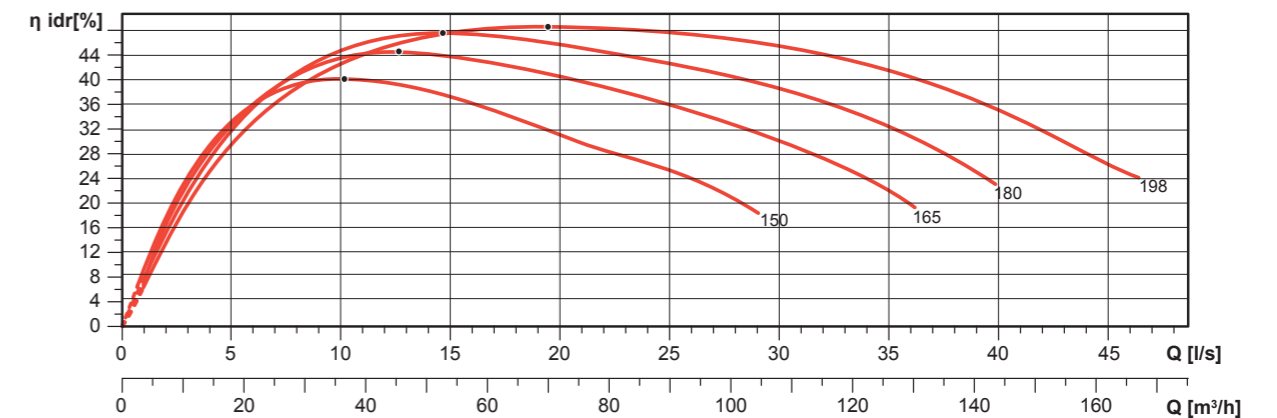
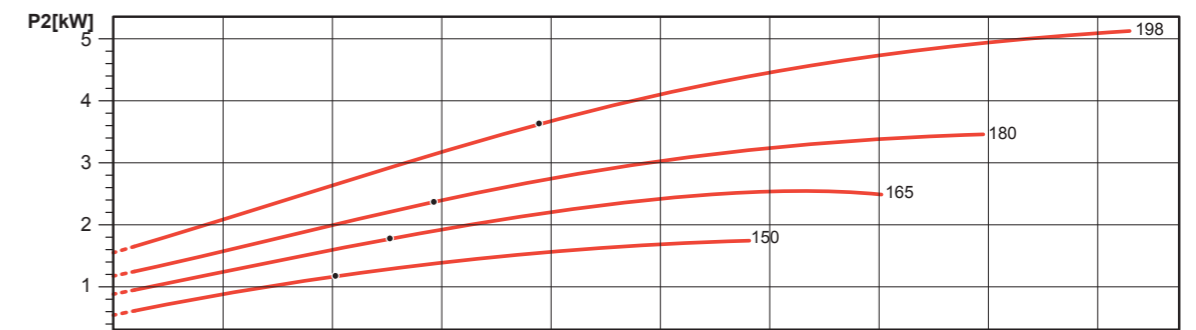
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



The data provided are not binding. Tsurumi reserves the right to modify any product without notice.

Performances



Characteristic curves according to UNI EN ISO 9906

MQU 080D

15 - 37 kW - 2 poles

MQU 080D

Hydraulics

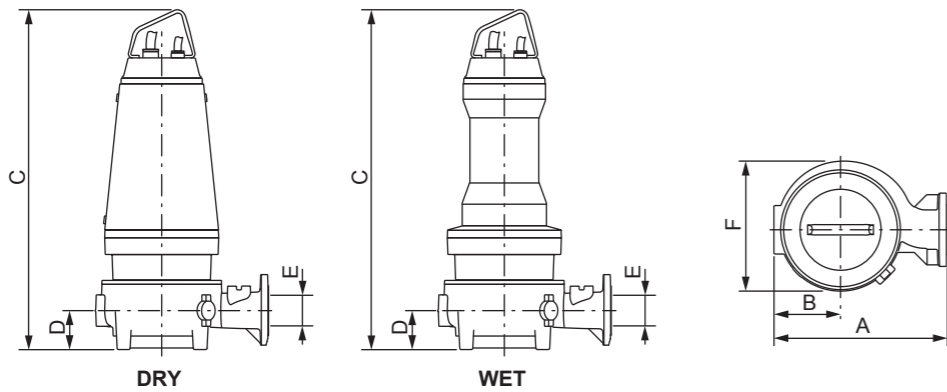
Vortex impeller
 Free passage: 60 mm
 Discharge: DN80 - PN10-16 EN 1092-2
 Suction: DN80



Motor

Type	V/Phases	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
15/2 A	400-700/3	Y Δ	26.7	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	92.3	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	51.0	0.91	32.2	30.0	93.3	IE3
37/2 H	400-700/3	Y Δ	64.1	0.90	40.1	37.0	92.3	IE2

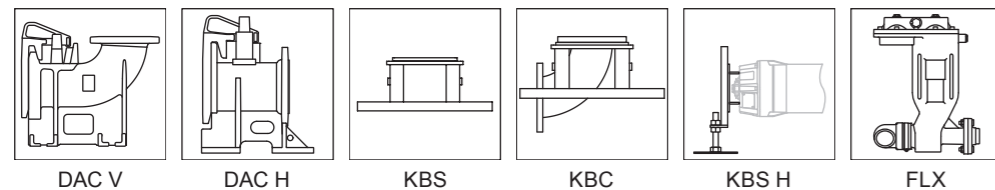
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQU 080D 15/2 AW (D)	484	194	1103	1103	80	80	374	224	259.6
MQU 080D 18.5/2 AW (D)	484	194	1103	1103	80	80	374	233.5	269.1
MQU 080D 22/2 AW (D)	491	201	1154	1154	80	80	403	290.6	337.6
MQU 080D 30/2 AW (D)	491	201	1154	1154	80	80	403	300.8	347.8
MQU 080D 37/2 HW (D)	491	201	1154	1154	80	80	403	300.8	347.8

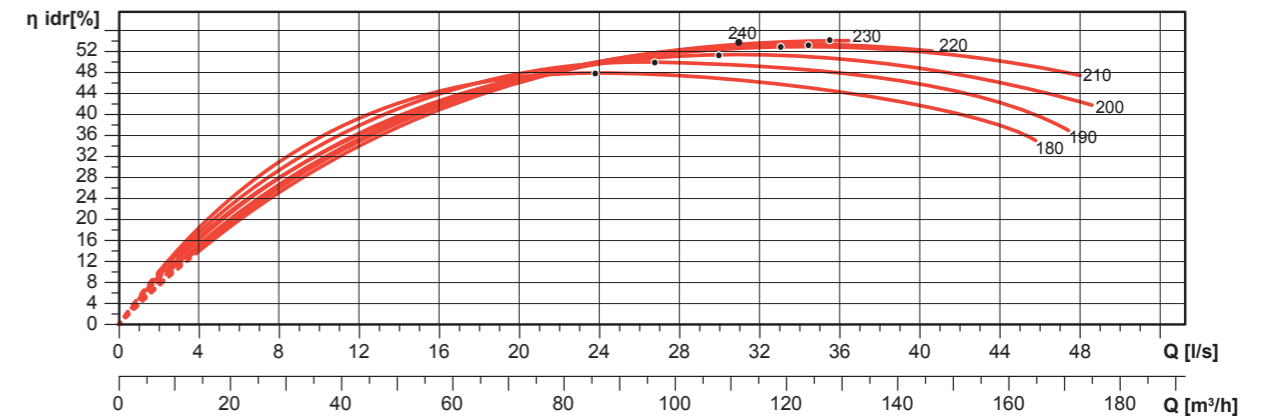
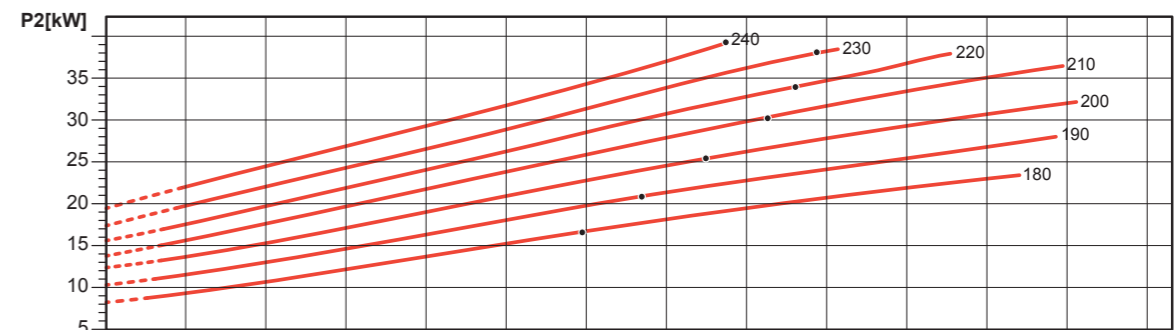
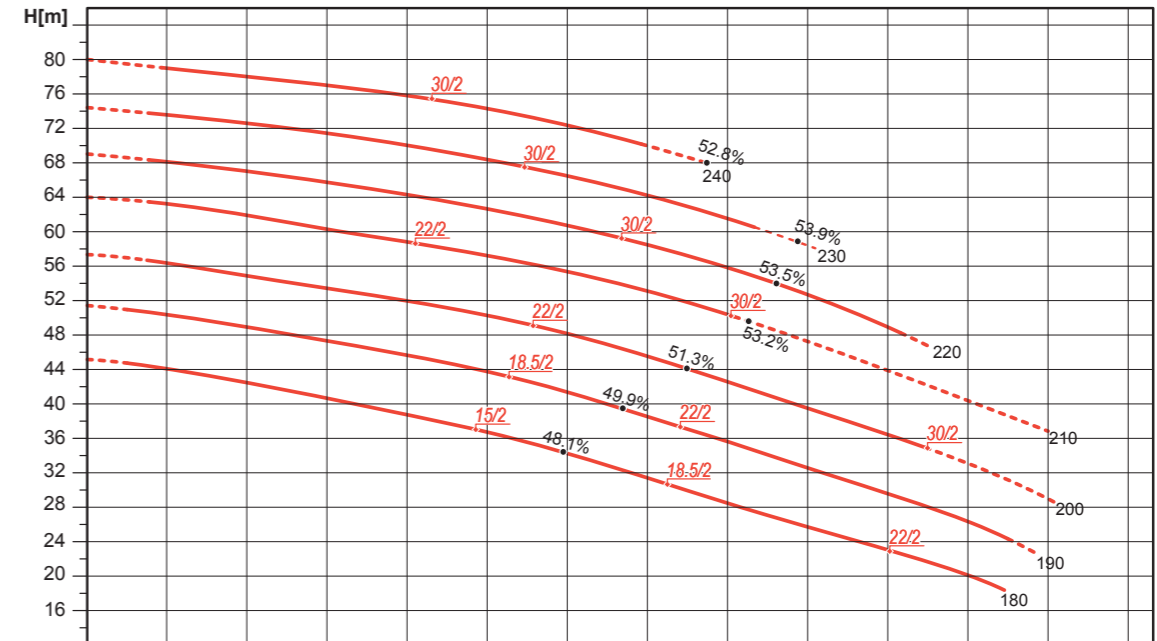
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D:** DRY version (dry operation - S1 duty type)

Available accessories



The data provided are not binding. Tsurumi reserves the right to modify any product without notice.

Performances



Characteristic curves according to UNI EN ISO 9906

MQU 080D

4 - 15 kW - 4 poles

MQU 080D

Hydraulics

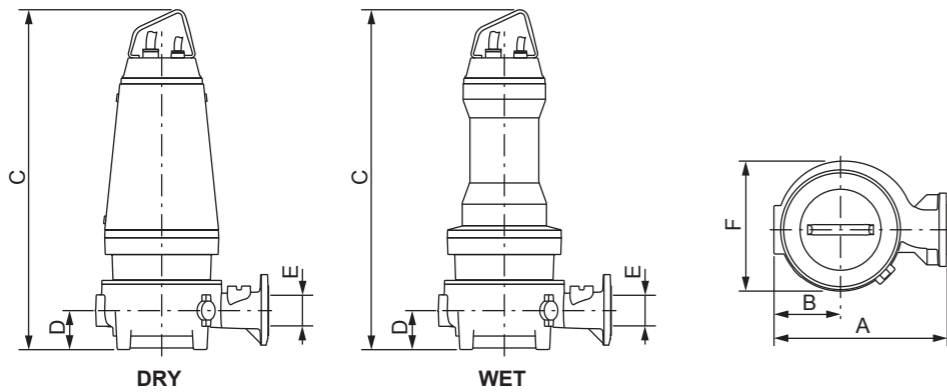
Vortex impeller
 Free passage: 60 mm
 Discharge: DN80 - PN10-16 EN 1092-2
 Suction: DN80



Motor

Type	V/Phases	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
15/4 A	400-700/3	Y Δ	28.2	0.84	16.3	15.0	91.9	IE3

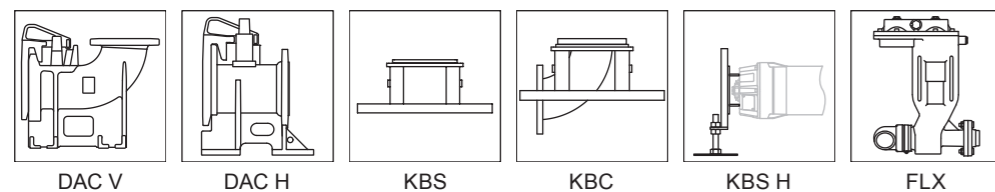
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQU 080D 4/4 AW (D)	484	194	937	1013	80	80	374	158	243
MQU 080D 5.5/4 AW (D)	484	194	937	1013	80	80	374	161	247
MQU 080D 7.5/4 AW (D)	484	194	1013	1013	80	80	374	210.3	245.3
MQU 080D 9/4 AW (D)	484	194	1103	1103	80	80	374	231.3	264.3
MQU 080D 11/4 AW (D)	491	201	1154	1154	80	80	403	282.5	329.5
MQU 080D 15/4 AW (D)	491	201	1154	1154	80	80	403	296.2	343.2

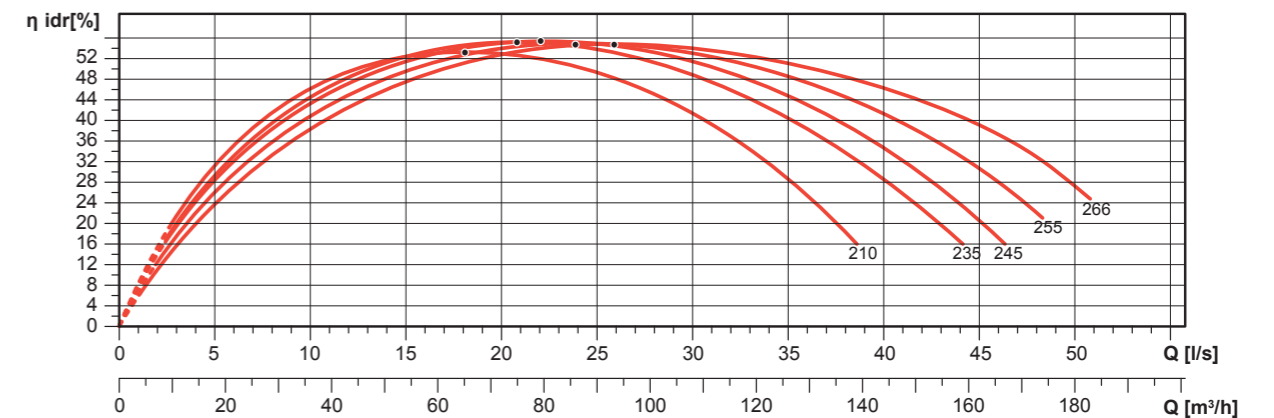
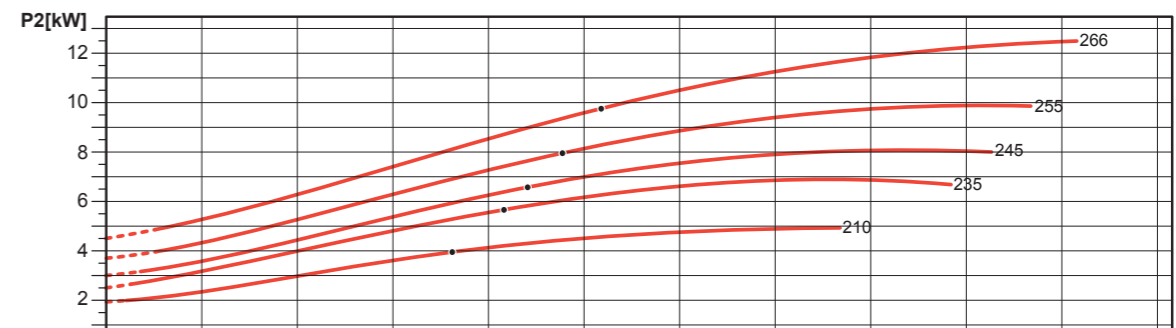
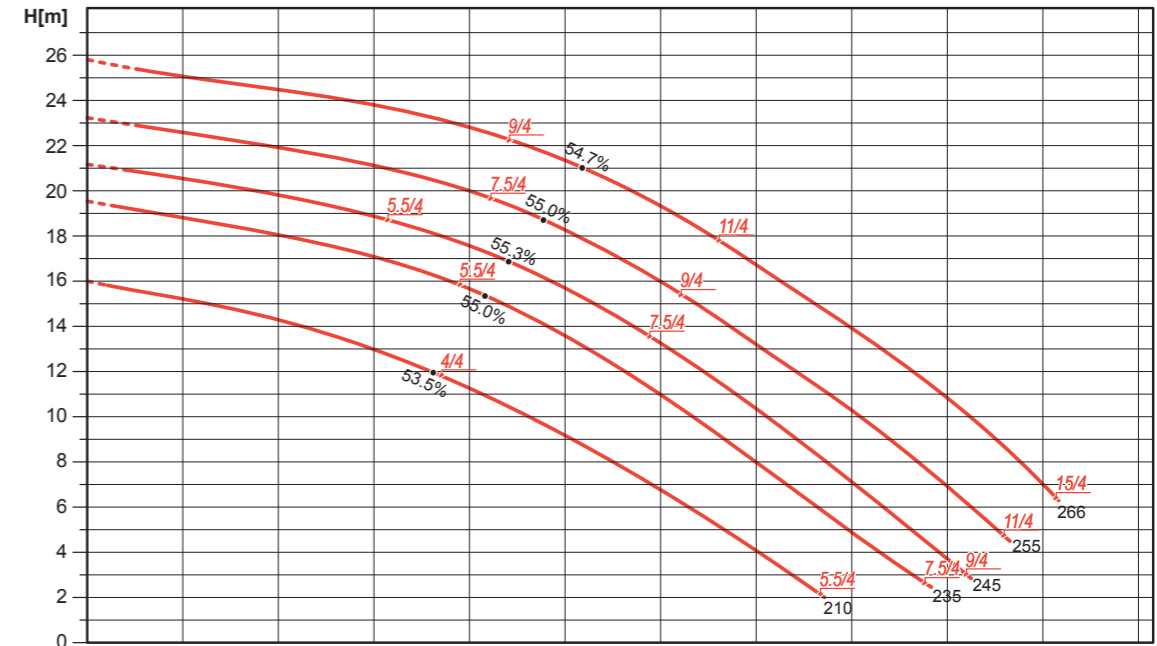
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



The data provided are not binding. Tsurumi reserves the right to modify any product without notice.

Performances



Characteristic curves according to UNI EN ISO 9906

MQU 080E

7.5 - 11 kW - 2 poles

MQU 080E

Hydraulics

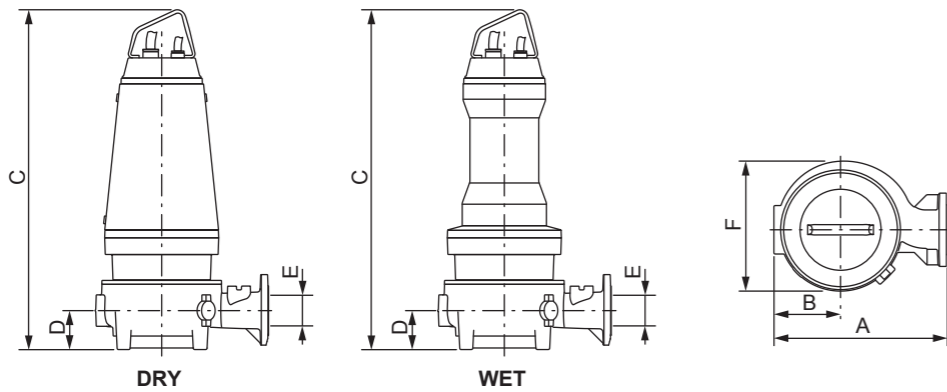
Vortex impeller
 Free passage: 80 mm
 Discharge: DN80 - PN10-16 EN 1092-2
 Suction: DN80



Motor

Type	V/Phases	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7,5/2 B	400-700/3	Y Δ	14.1	0.85	8.3	7.5	90.1	IE3
9/2 B	400-700/3	Y Δ	16.6	0.87	9.9	9.0	90.7	IE3
11/2 B	400-700/3	Y Δ	20.0	0.87	11.0	12.0	91.7	IE3

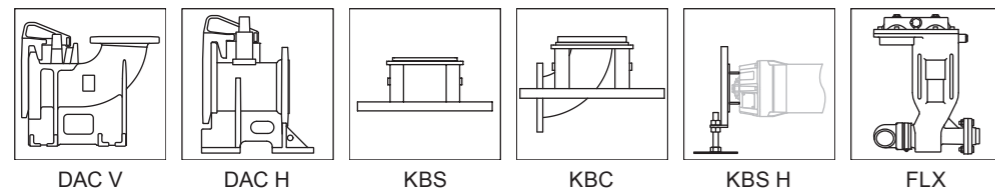
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQU 080E 7.5/2 AW	386	156	873	-	80	80	306	105	-
MQU 080E 9/2 AW	386	156	873	-	80	80	306	108	-
MQU 080E 11/2 AW	386	156	873	-	80	80	306	111	-

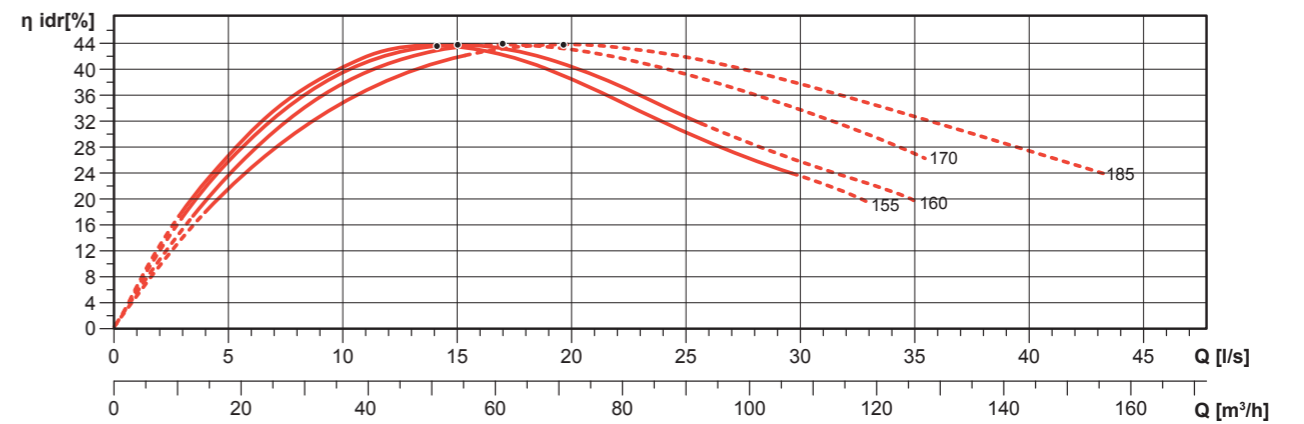
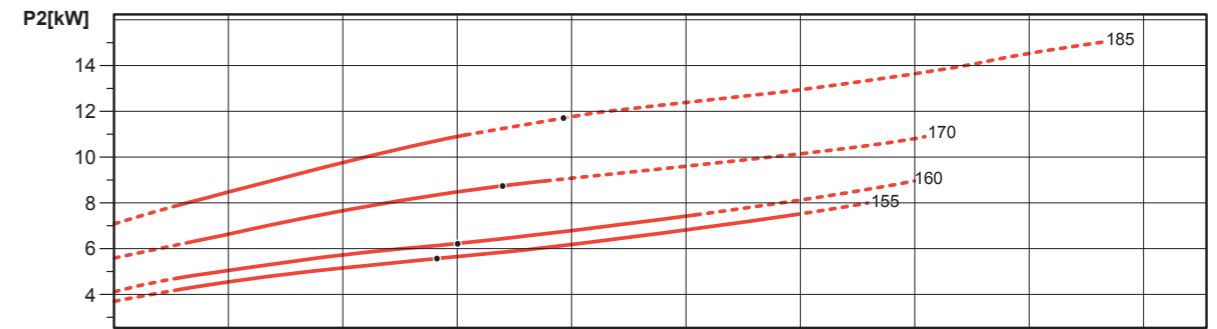
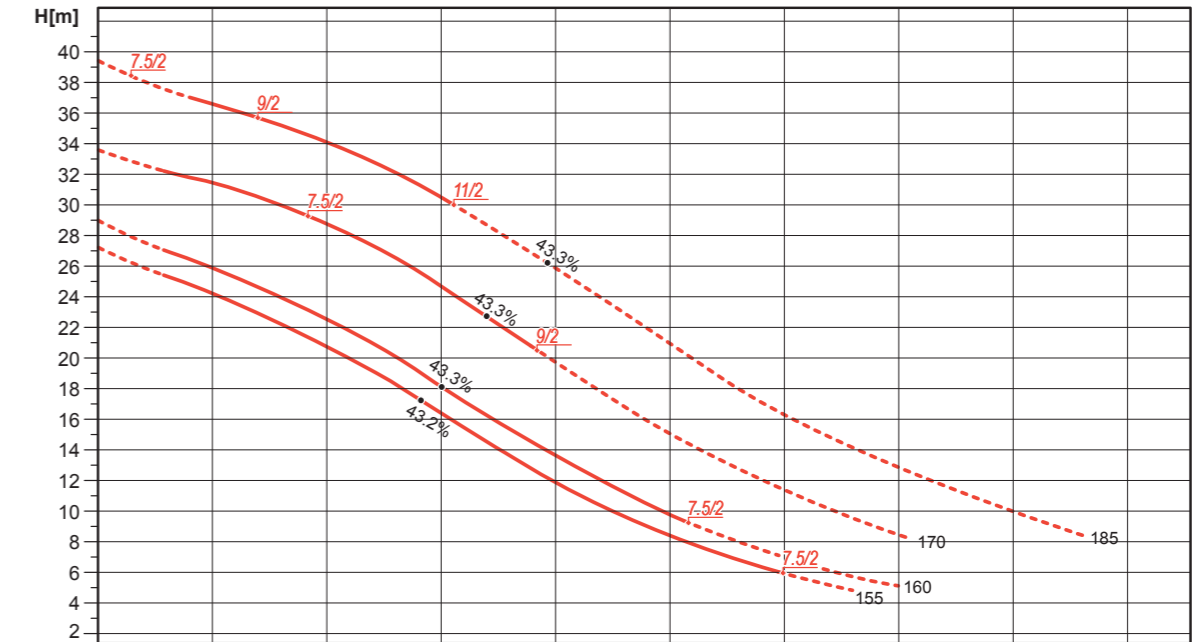
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



The data provided are not binding. Tsurumi reserves the right to modify any product without notice.

Performances



Characteristic curves according to UNI EN ISO 9906

MQU 080H

3 kW - 2 poles

MQU 080H

Hydraulics

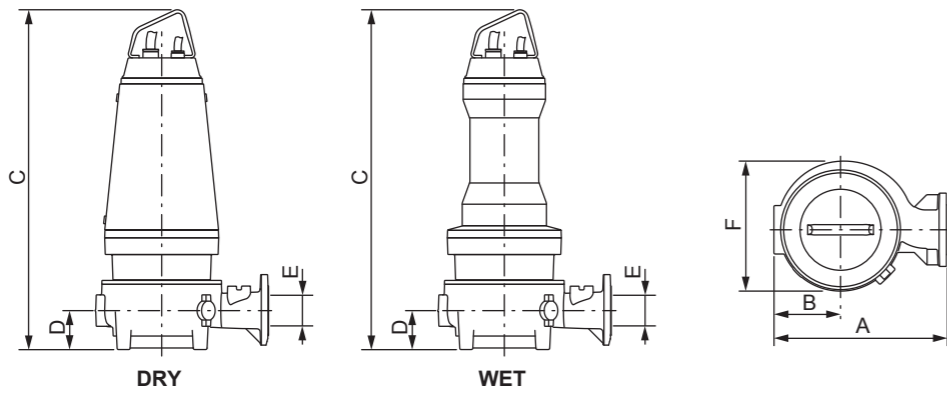
Vortex impeller
 Free passage: 80 mm
 Discharge: DN80 - PN10-16 EN 1092-2
 Suction: DN80



Motor

Type	V/Phases	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

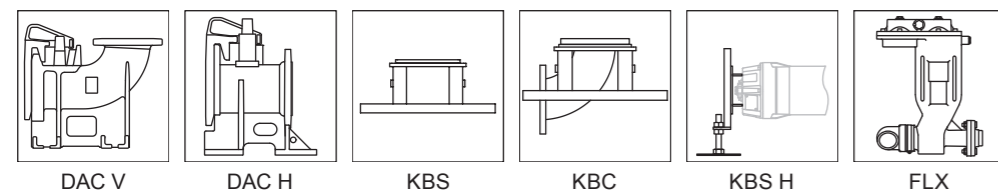
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQU 080H 3/2 AW	312	120	652	-	80	80	236	48.3	-

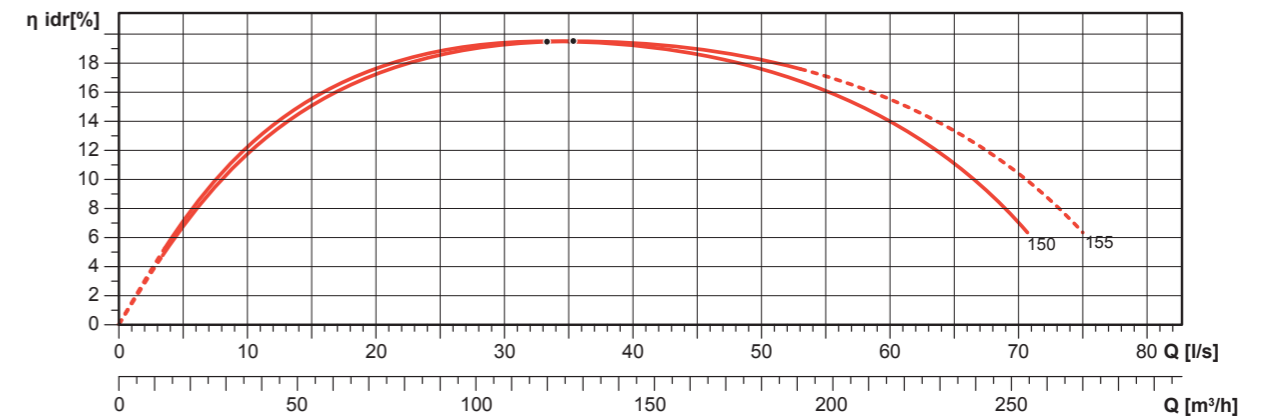
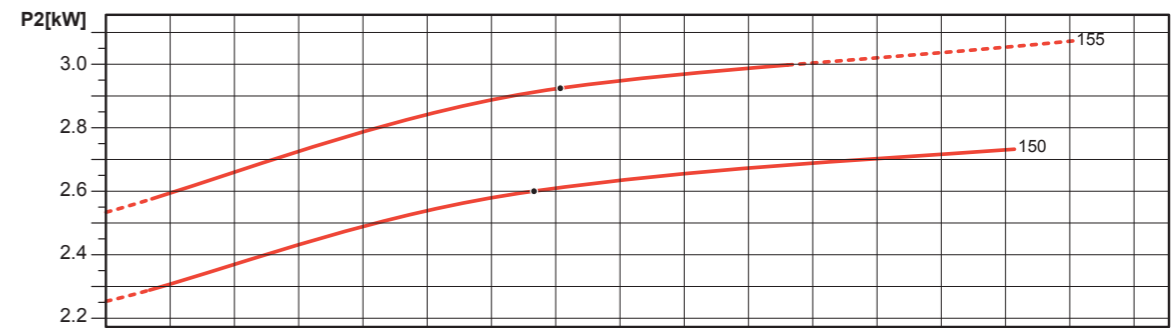
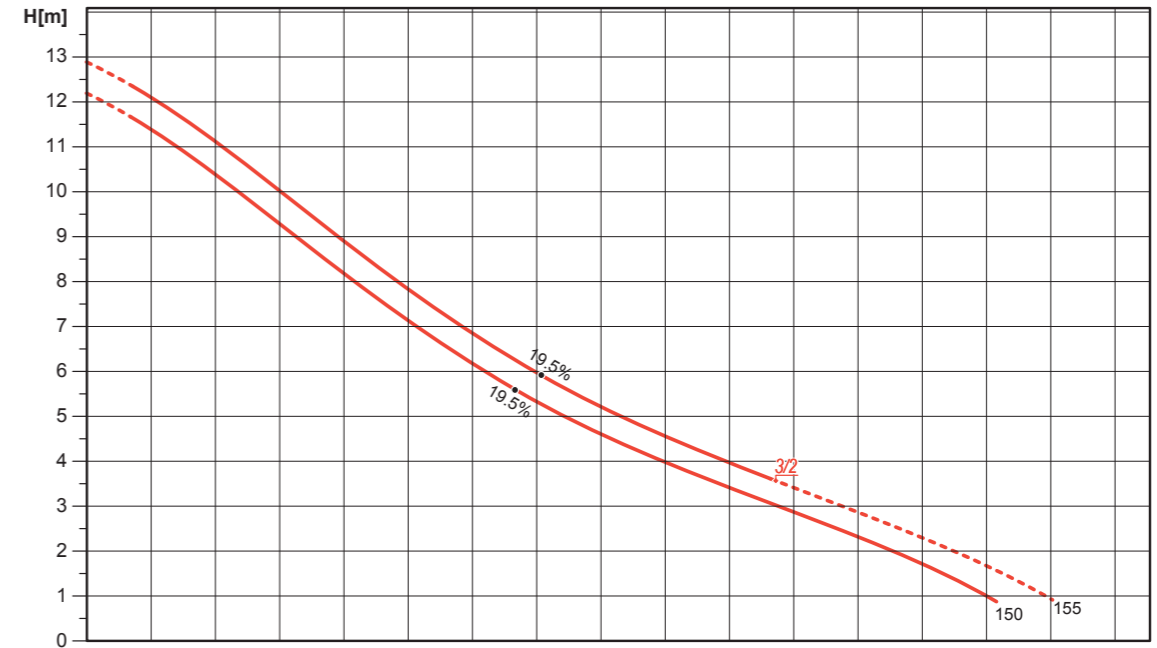
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQU 100A

15 - 37 kW - 2 poles

MQU 100A

Hydraulics

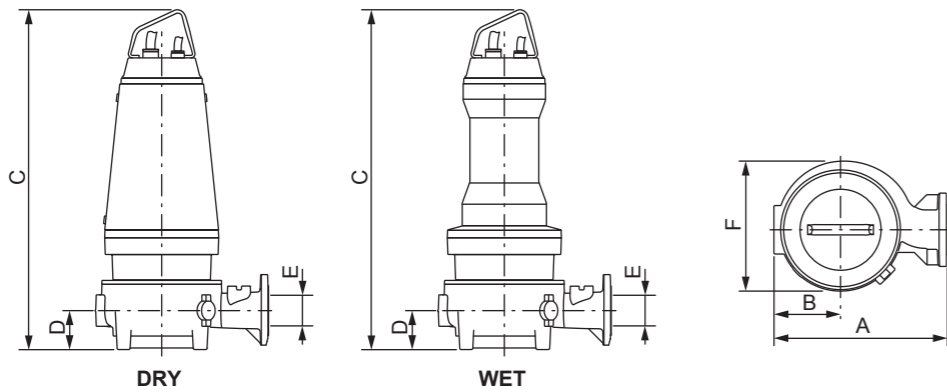
Vortex impeller
 Free passage: 100 mm
 Discharge: DN100 - PN10-16 EN 1092-2
 Suction: DN100



Motor

Type	V/Phases	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
15/2 A	400-700/3	Y Δ	26.7	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	92.3	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	51.0	0.91	32.2	30.0	93.3	IE3
37/2 H	400-700/3	Y Δ	64.1	0.90	40.1	37.0	92.3	IE2

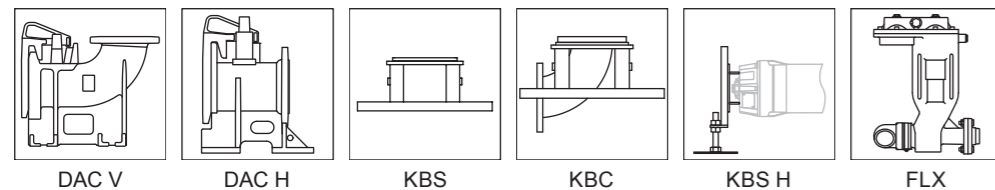
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQU 100A 15/2 AW (D)	496	190	1168	1168	110	100	373	231.2	266.8
MQU 100A 18.5/2 AW (D)	496	190	1168	1168	110	100	373	240.7	266.8
MQU 100A 22/2 AW (D)	507	201	1219	1219	110	100	403	297.8	344.8
MQU 100A 30/2 AW (D)	507	201	1219	1219	110	100	403	308	355
MQU 100A 37/2 HW (D)	507	201	1219	1219	110	100	403	308	355

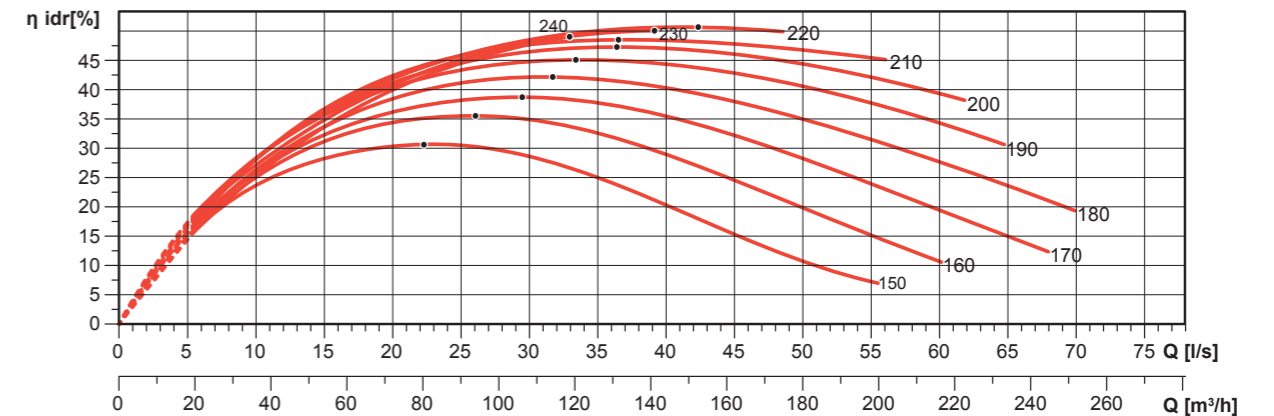
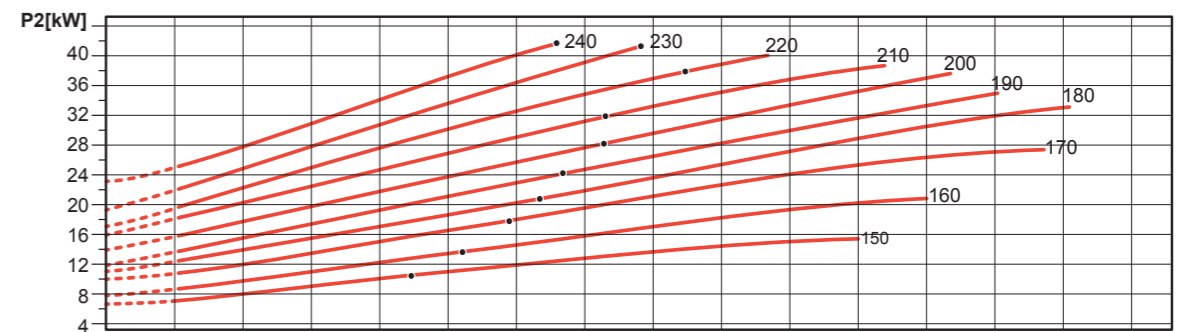
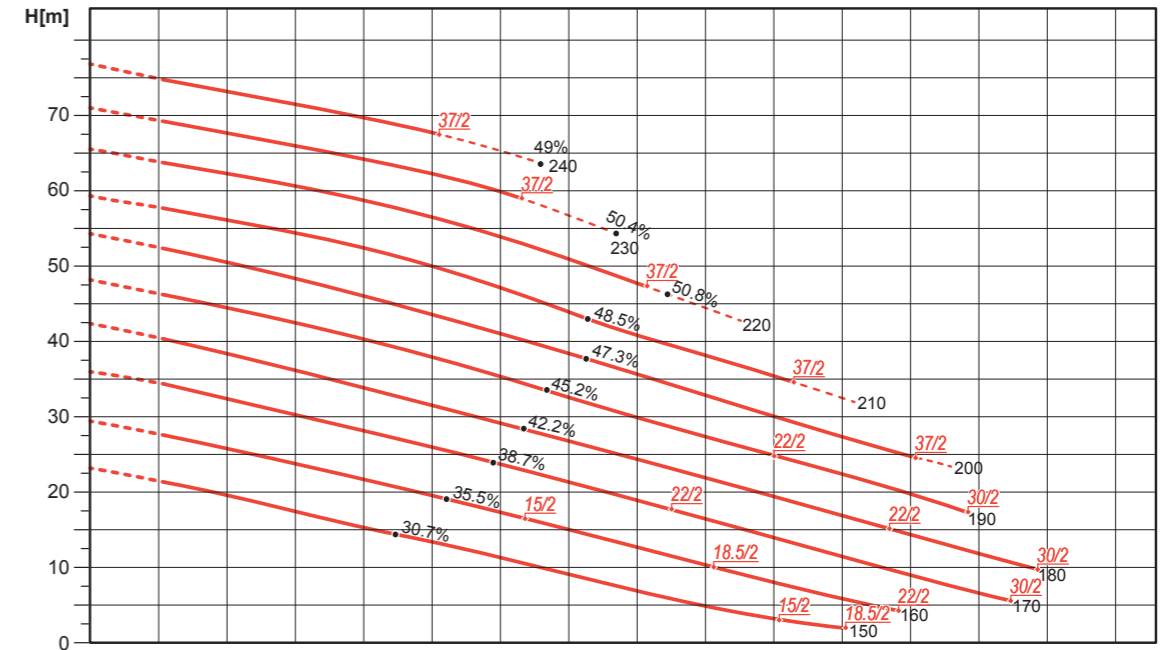
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



The data provided are not binding. Tsurumi reserves the right to modify any product without notice.

Performances



Characteristic curves according to UNI EN ISO 9906

MQU 100B

3 - 15 kW - 4 poles

MQU 100B

Hydraulics

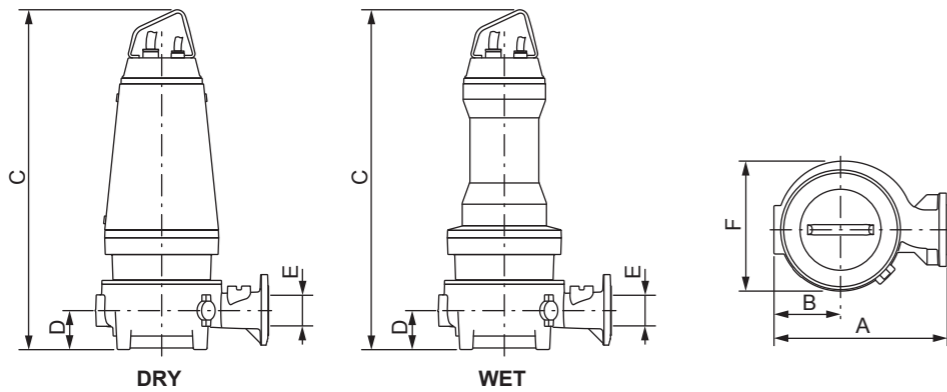
Vortex impeller
 Free passage: 100 mm
 Discharge: DN100 - PN10-16 EN 1092-2
 Suction: DN100



Motor

Type	V/Phases	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
3/4 A	400-700/3	Y Δ	6.6	0.75	3.4	3.0	87.7	IE3
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
15/4 A	400-700/3	Y Δ	28.2	0.84	16.3	15.0	91.9	IE3

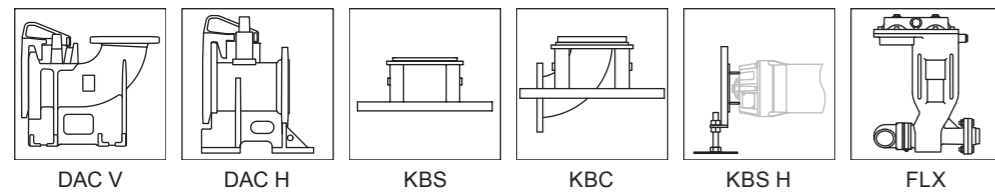
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQU 100B 3/4 AW	496	190	902	-	110	100	373	147.2	-
MQU 100B 4/4 AW (D)	496	190	1001	1078	110	100	373	171.2	250.2
MQU 100B 5.5/4 AW (D)	496	190	1001	1078	110	100	373	185.2	254.2
MQU 100B 7.5/4 AW (D)	496	190	1078	1078	110	100	373	217.5	254.2
MQU 100B 9/4 AW (D)	496	190	1168	1168	110	100	373	238.5	271.5
MQU 100B 11/4 AW (D)	507	201	1219	1219	110	100	403	289.7	336.7
MQU 100B 15/4 AW (D)	507	201	1219	1219	110	100	403	303.4	350.4

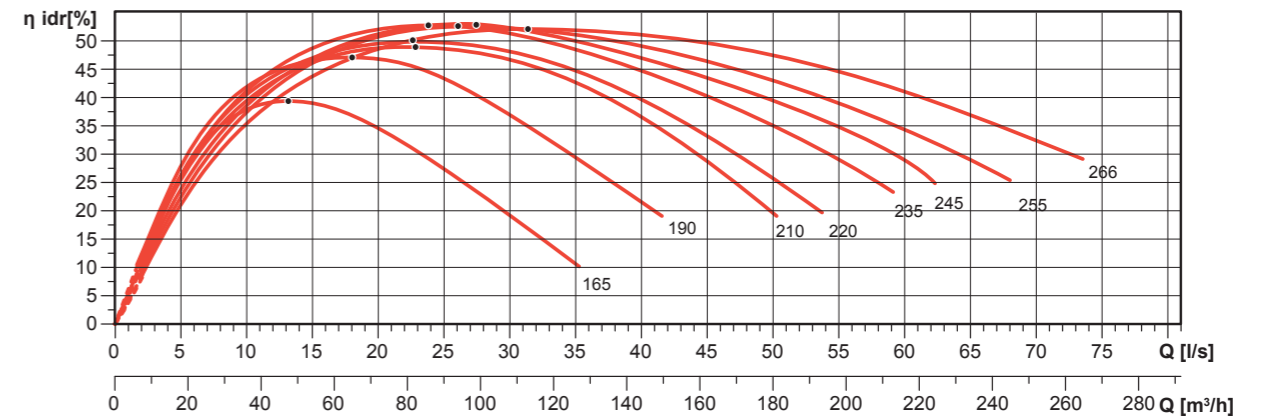
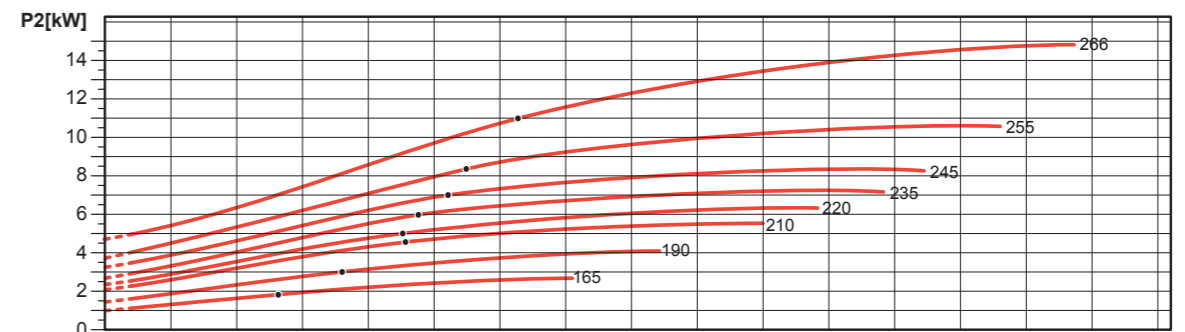
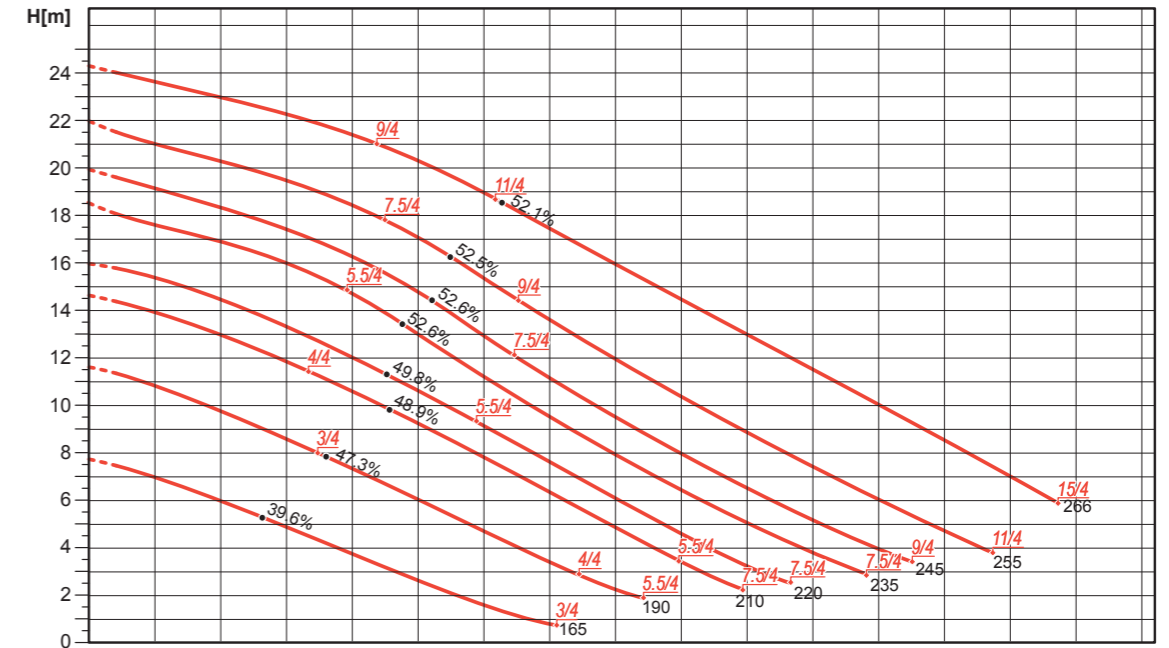
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQU 100G

1.1 - 1.5 kW - 6 poles

MQU 100G

Hydraulics

Vortex impeller

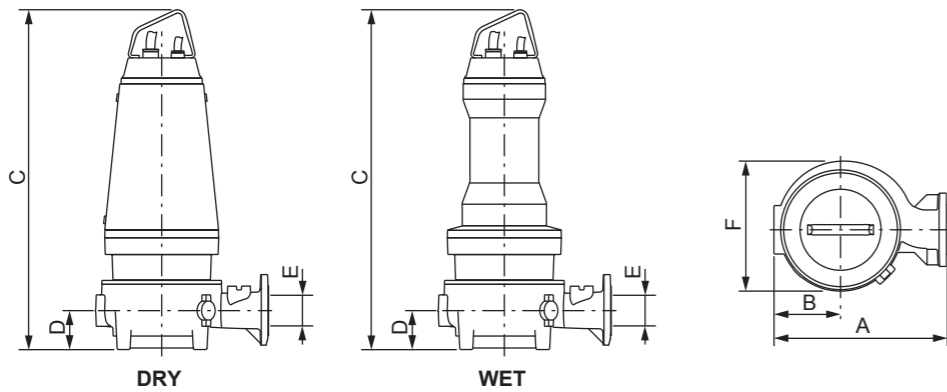
Free passage: 80 mm
 Discharge: DN100 - PN10-16 EN 1092-2
 Suction: DN100



Motor

Type	V/Phases	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

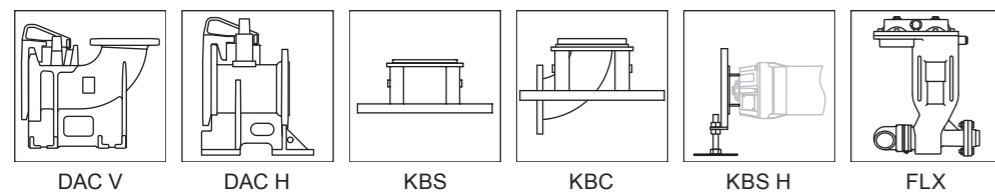
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQU 100G 1.1/6 BW	408	158	695	-	91	100	305	61.0	-
MQU 100 1.5/6 BW	408	158	752	-	91	100	305	79.0	-

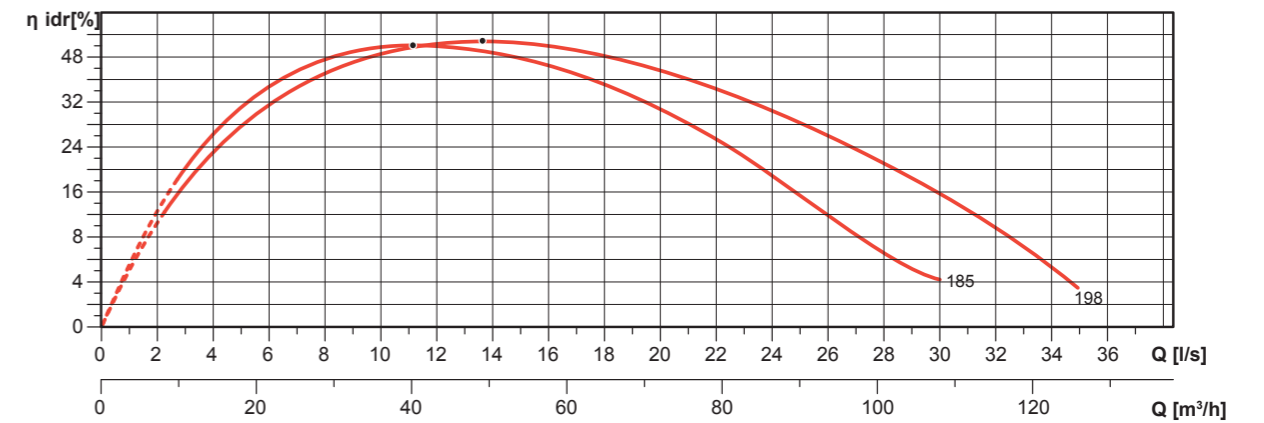
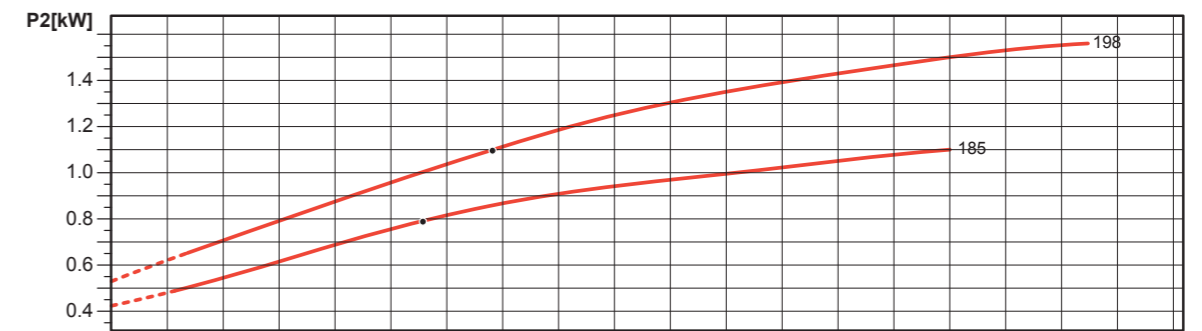
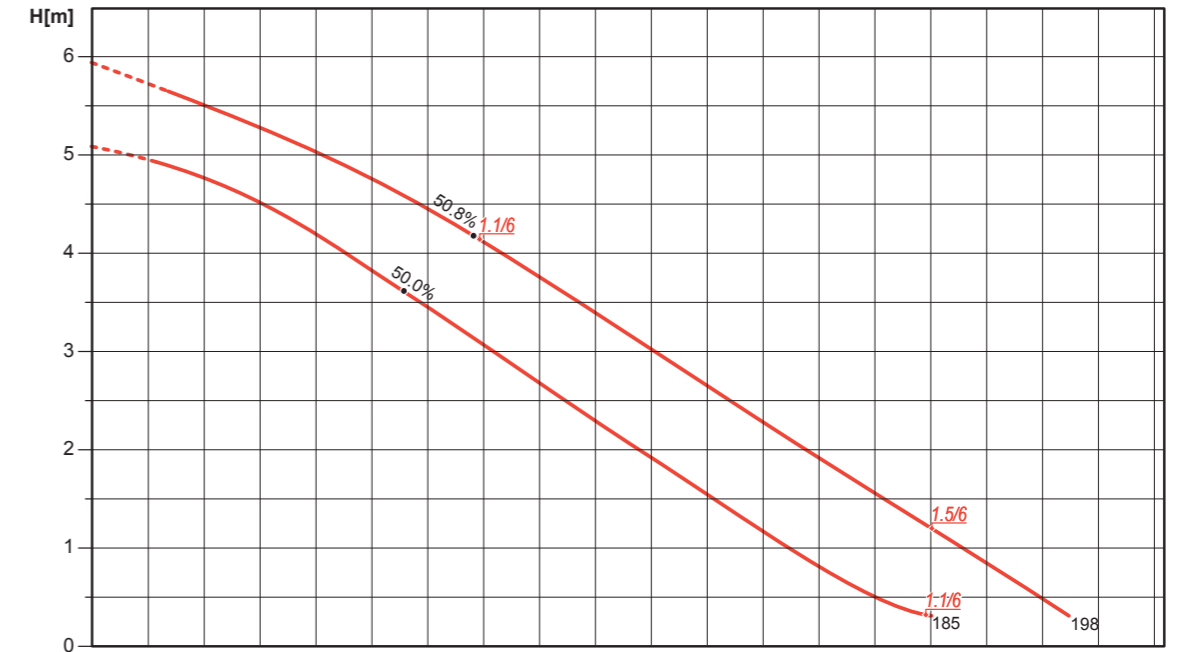
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQU 150A

7.5 - 15 kW - 4 poles

MQU 150A

Hydraulics

Vortex impeller

Free passage: 125 mm

Discharge: DN150 - PN10-16 EN 1092-2

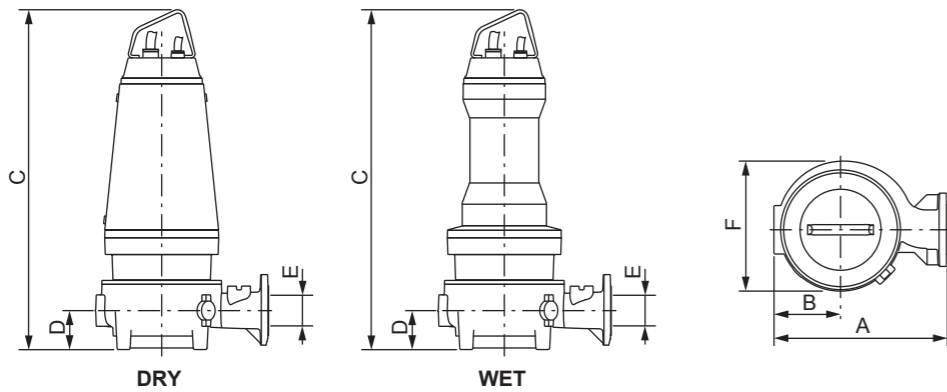
Suction: DN150



Motor

Type	V/Phases	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
15/4 A	400-700/3	Y Δ	28.2	0.84	16.3	15.0	91.9	IE3

Overall dimensions and weight

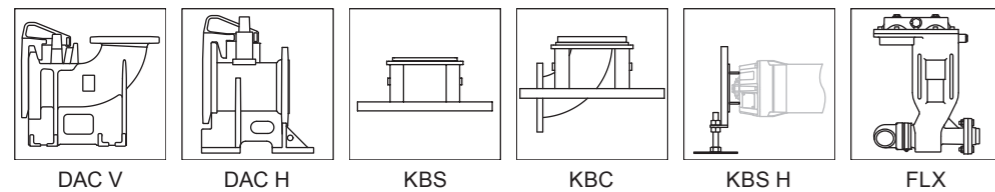


	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQU 150A 7.5/4 AW (D)	545	212	1103	1103	135	150	401	229.7	264.7
MQU 150A 9/4 AW (D)	545	212	1193	1193	135	150	401	250.7	283.7
MQU 150A 11/4 AW (D)	545	212	1245	1245	135	150	415	301.9	348.9
MQU 150A 15/4 AW (D)	545	212	1245	1245	135	150	415	315.6	362.6

(+) Weight for the DRY version includes cooling fluid

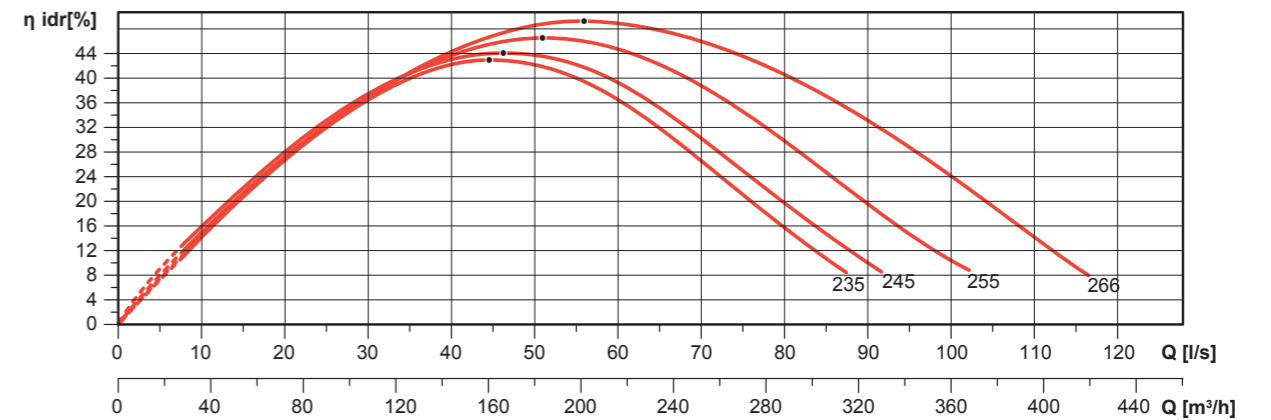
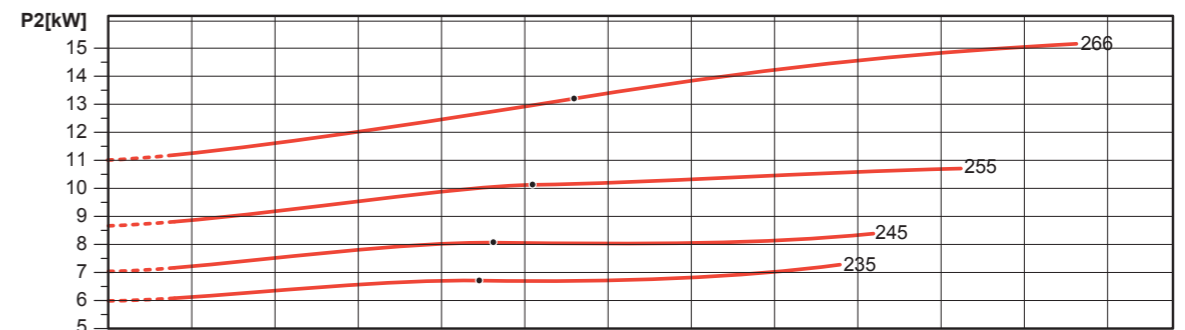
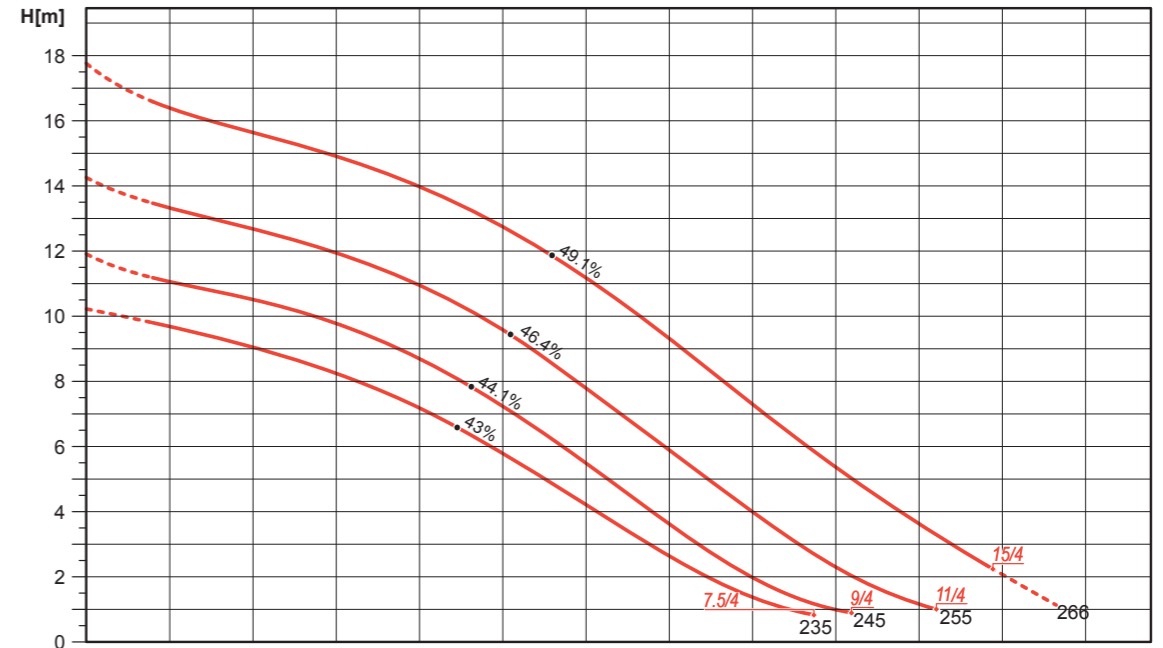
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



The data provided are not binding. Tsurumi reserves the right to modify any product without notice.

Performances



Characteristic curves according to UNI EN ISO 9906

MQG 050A

4 - 9 kW - 2 poles

MQG 050A

Hydraulics

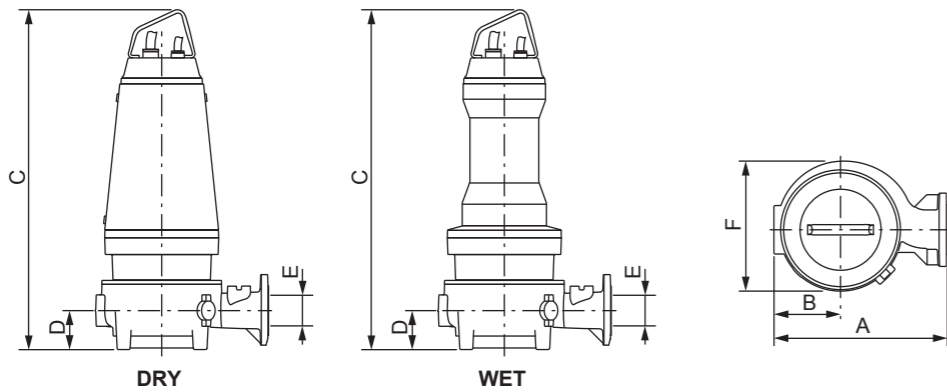
Grinder impeller
 Free passage: -
 Discharge: G2" - DN50 PN10-16 EN 1092-2
 Suction: -



Motor

Type	V/Phases	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	88.2	IE3
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

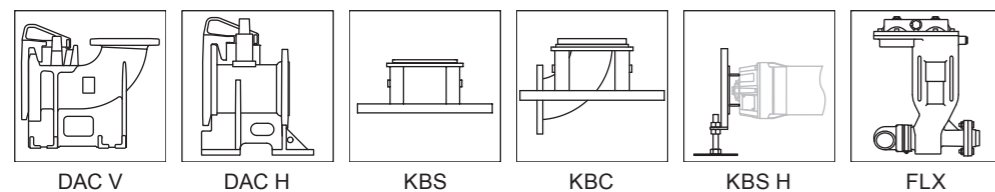
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQG 050A 4/2 AW (D)	362	142	744	844	59	G 2"	284	108.9	124.9
MQG 050A 5.5/2 AW	362	142	744	-	59	G 2"	284	111.9	-
MQG 050A 7.5/2 AW	362	142	844	-	59	G 2"	284	124.9	-
MQG 050A 9/2 AW	362	142	844	-	59	G 2"	284	128.9	-

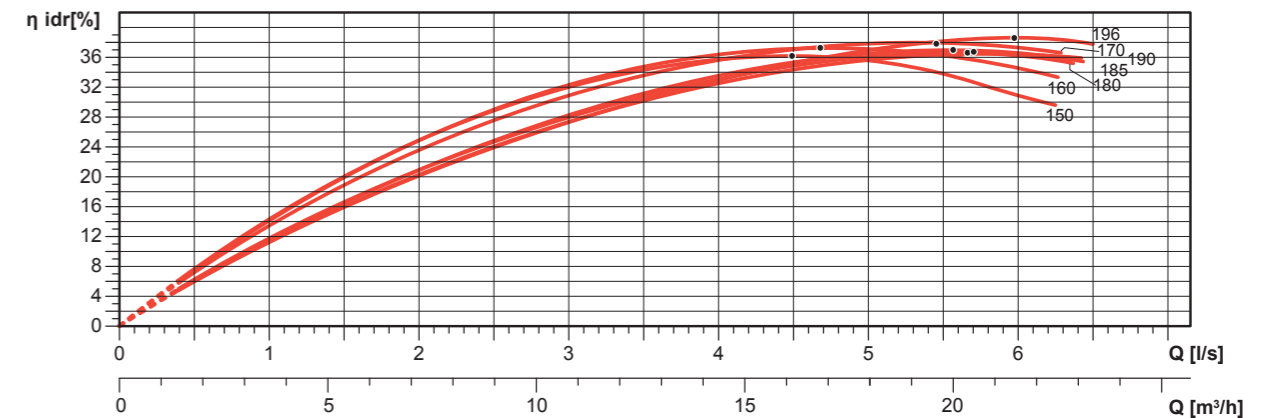
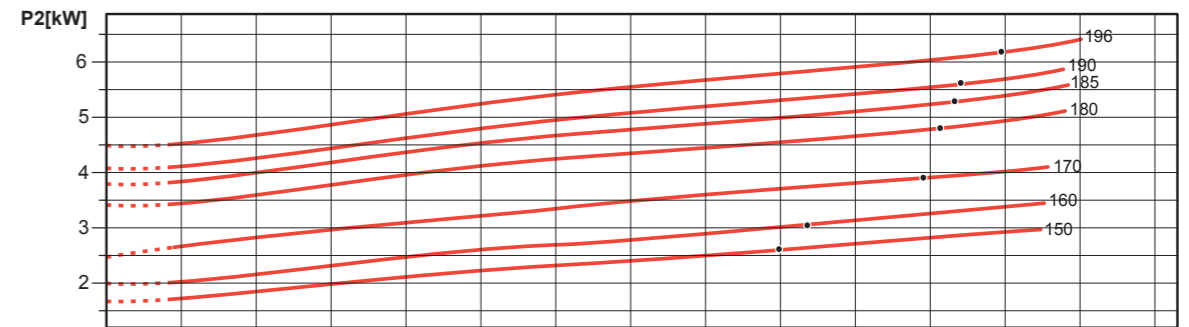
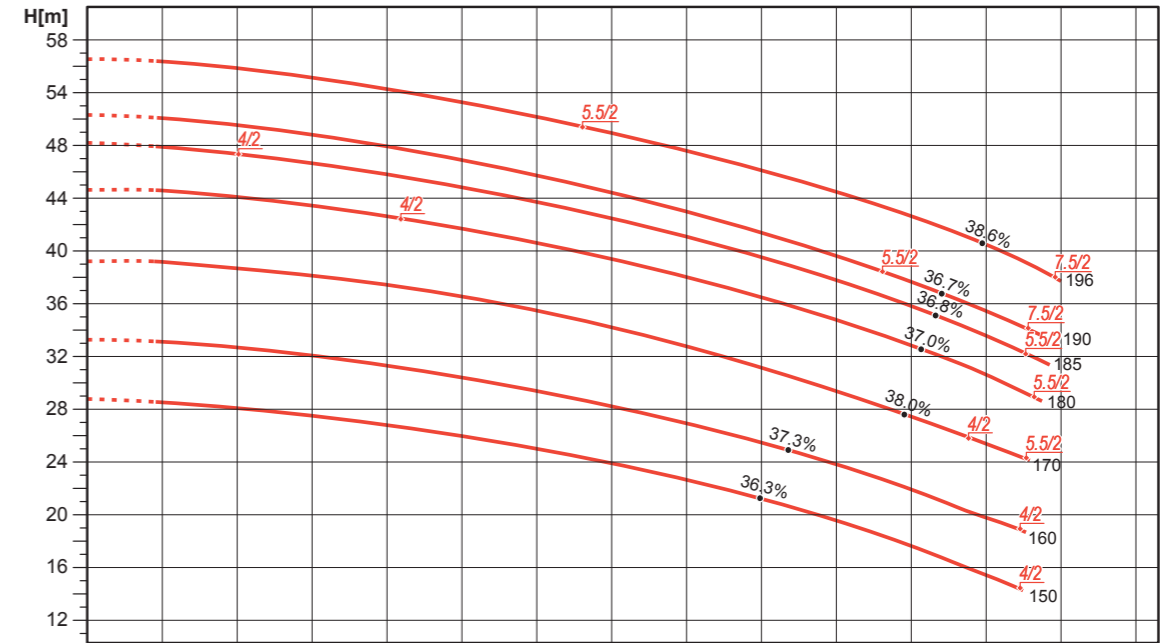
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQG 050B

5.5 - 11 kW - 2 poles

MQG 050B

Hydraulics

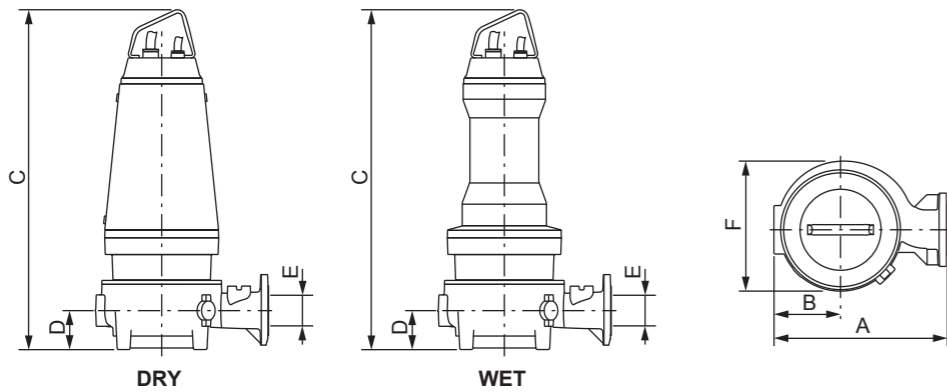
Grinder impeller
 Free passage: -
 Discharge: G2" - DN50 PN10-16 EN 1092-2
 Suction: -



Motor

Type	V/Phases	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

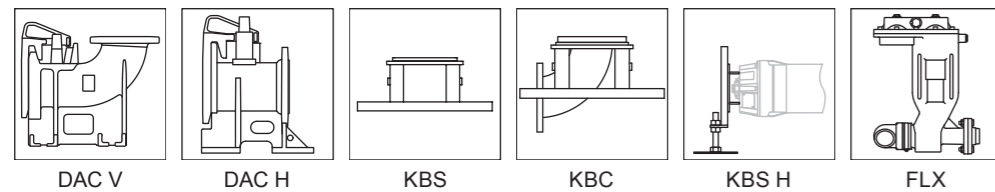
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQG 050B 5.5/2 AW	403	160	765	-	65	G 2"	320	111.9	-
MQG 050B 7.5/2 AW (D)	403	160	865	940	65	G 2"	320	124.9	208.9
MQG 050B 9/2 AW (D)	403	160	865	940	65	G 2"	320	128.9	212.9
MQG 050B 11/2 AW (D)	403	160	865	940	65	G 2"	320	132.9	215.0

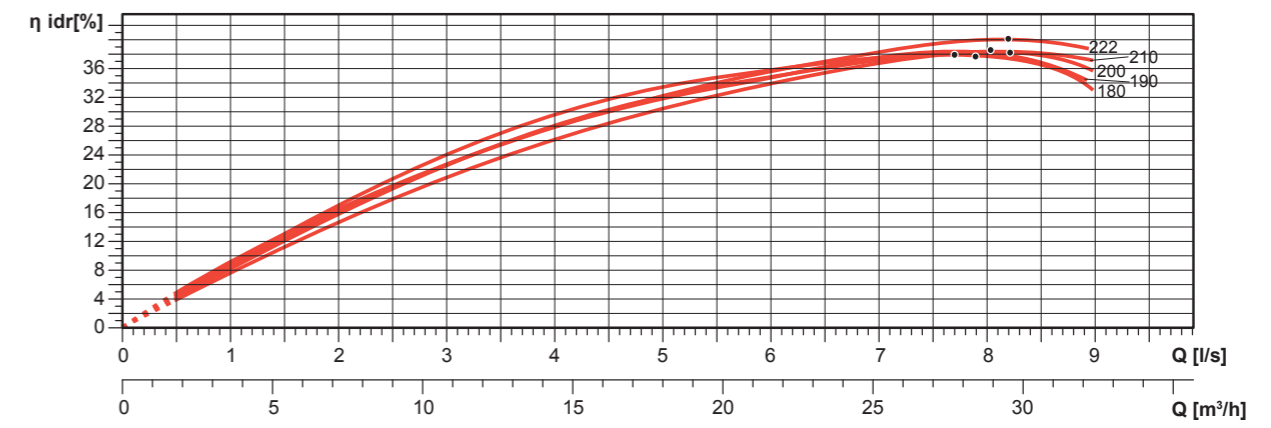
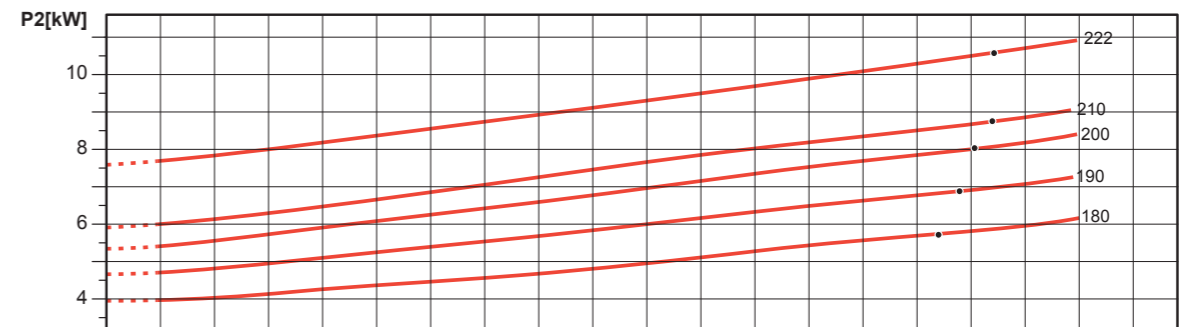
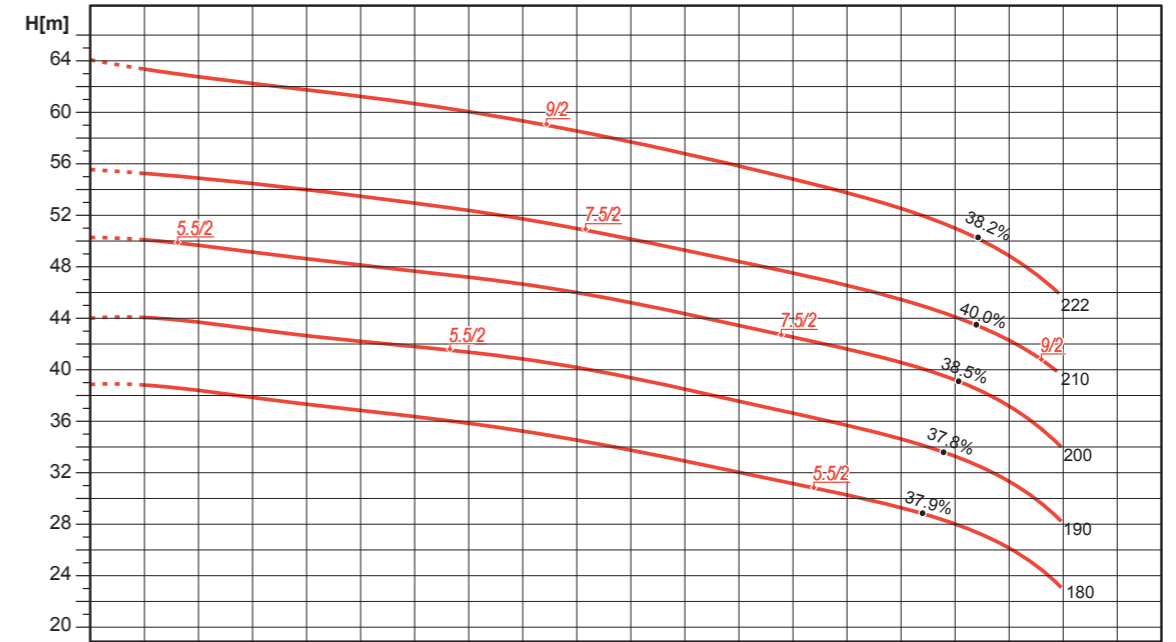
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



The data provided are not binding. Tsurumi reserves the right to modify any product without notice.

Performances



Characteristic curves according to UNI EN ISO 9906

MQS 050A

4 - 9 kW - 2 poles

MQS 050A

Hydraulics

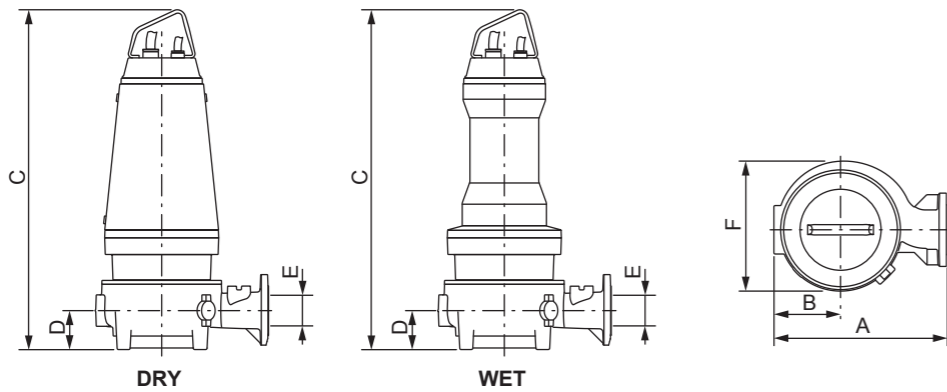
High head impeller
 Free passage: 7.5 mm
 Discharge: G2" - DN32 PN10-16 EN 1092-2
 Suction: DN65



Motor

Type	V/Phases	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

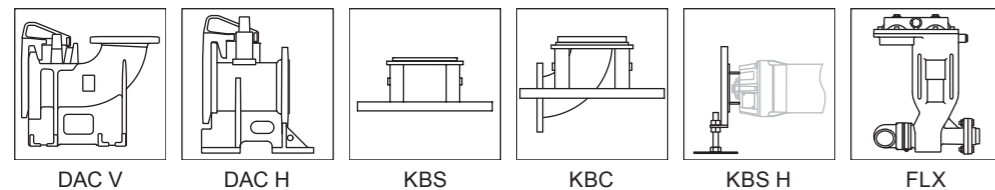
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQS 050A 4/2 AW (D)	360	142.5	760	860	77	G 2"	285	113.4	129.4
MQS 050A 5.5/2 AW	360	142.5	760	-	77	G 2"	285	116.4	-
MQS 050A 7.5/2 AW	360	142.5	860	-	77	G 2"	285	129.4	-
MQS 050A 9/2 AW	360	142.5	860	-	77	G 2"	285	133.4	-

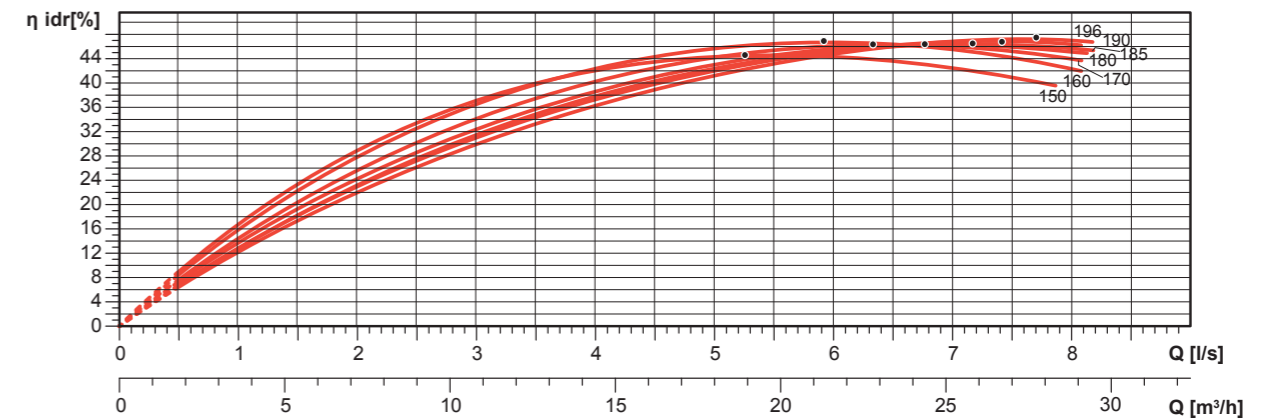
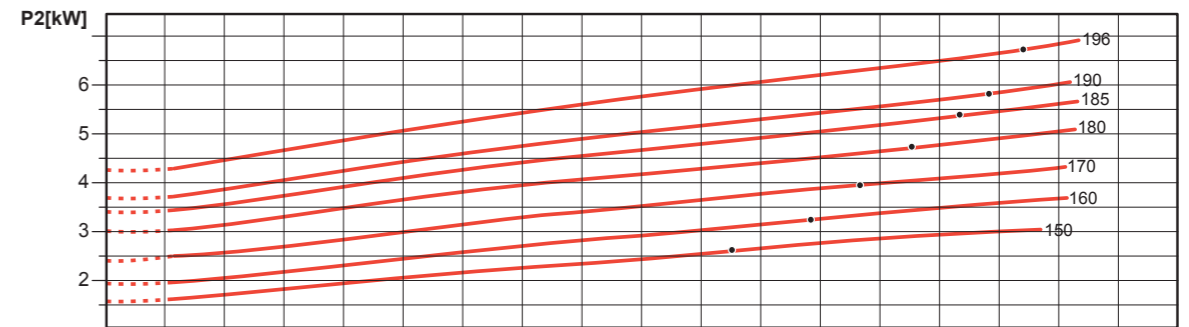
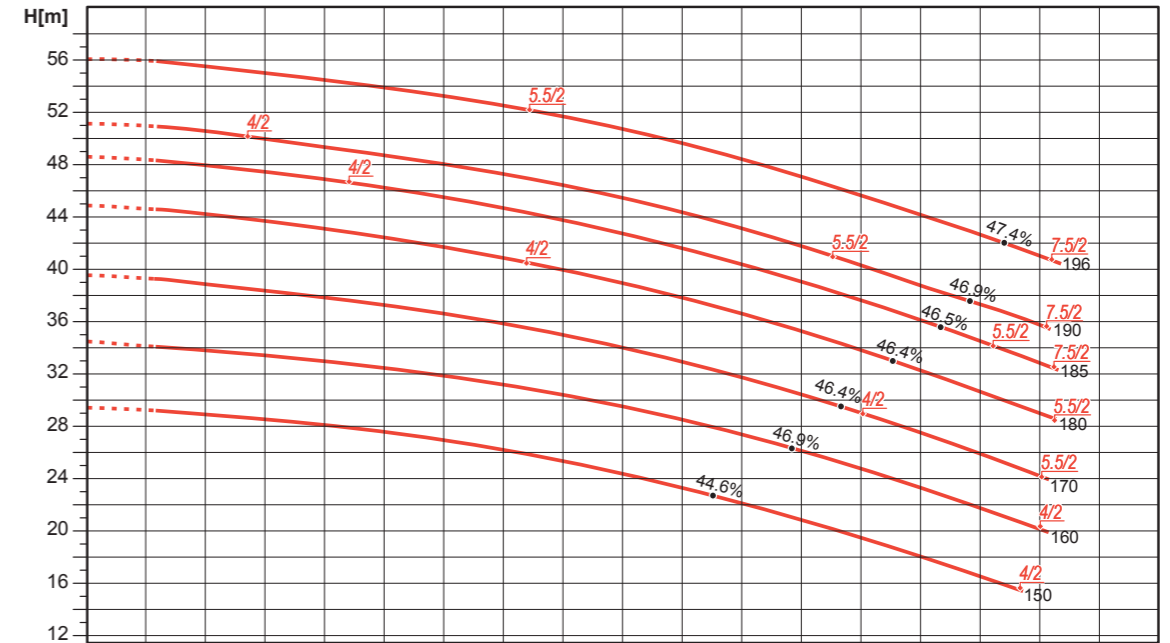
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



The data provided are not binding. Tsurumi reserves the right to modify any product without notice.

Performances



Characteristic curves according to UNI EN ISO 9906

MQS 050B

5.5 - 15 kW - 2 poles

MQS 050B

Hydraulics

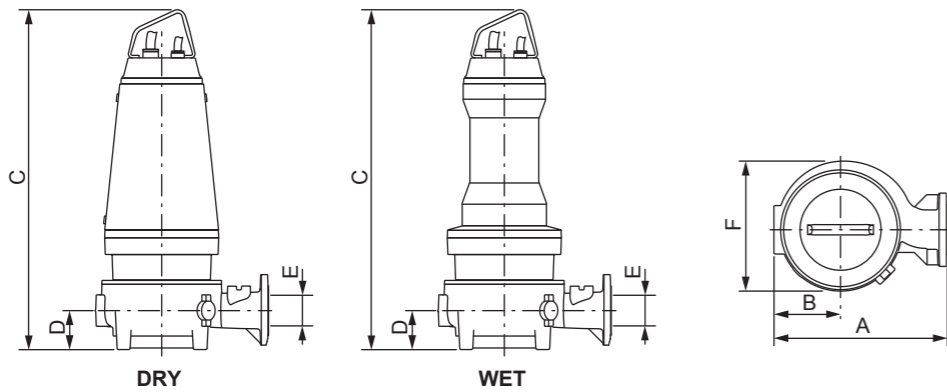
High head impeller
 Free passage: 7.5 mm
 Discharge: G2" - DN32 PN10-16 EN 1092-2
 Suction: DN65



Motor

Type	V/Phases	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

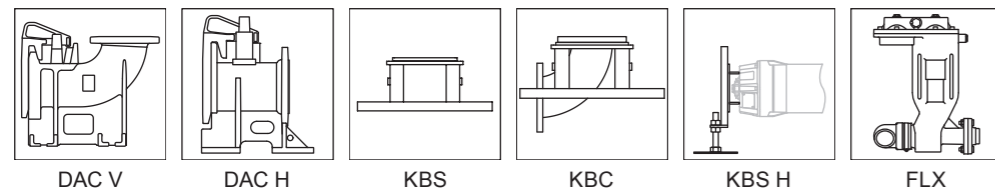
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQS 050B 5.5/2 AW	404	160	773	-	77	G 2"	320	120.9	-
MQS 050B 7.5/2 AW (D)	404	160	873	948	77	G 2"	320	133.9	217.9
MQS 050B 9/2 AW (D)	404	160	873	948	77	G 2"	320	137.9	240.6
MQS 050B 11/2 AW (D)	404	160	873	948	77	G 2"	320	141.9	224.0
MQS 050B 15/2 AW (D)	404	160	1043	1043	77	G 2"	320	205.0	240.6

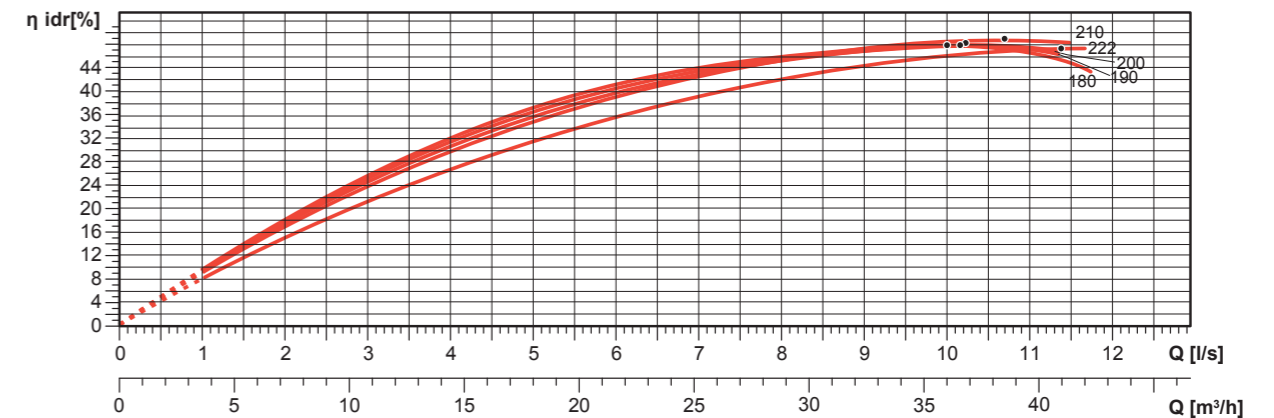
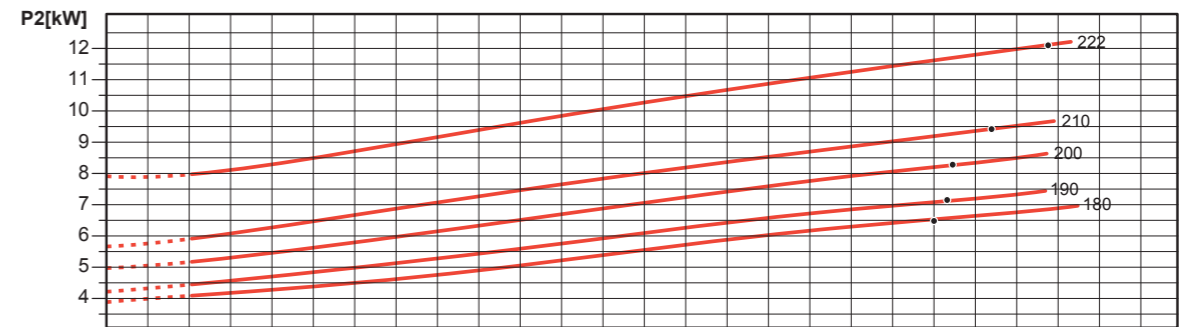
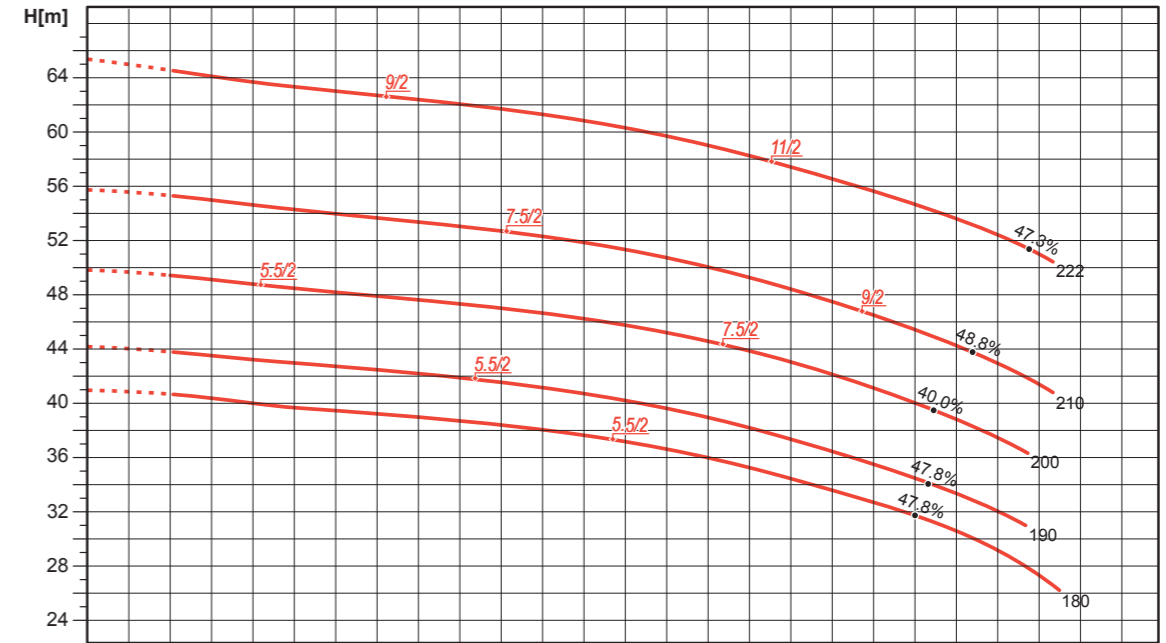
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906



Product images and specifications may differ from actual products due to improvements.
The OO series and model OO are indicated with our series/model codes in this booklet.