

TSURUMI AVANT

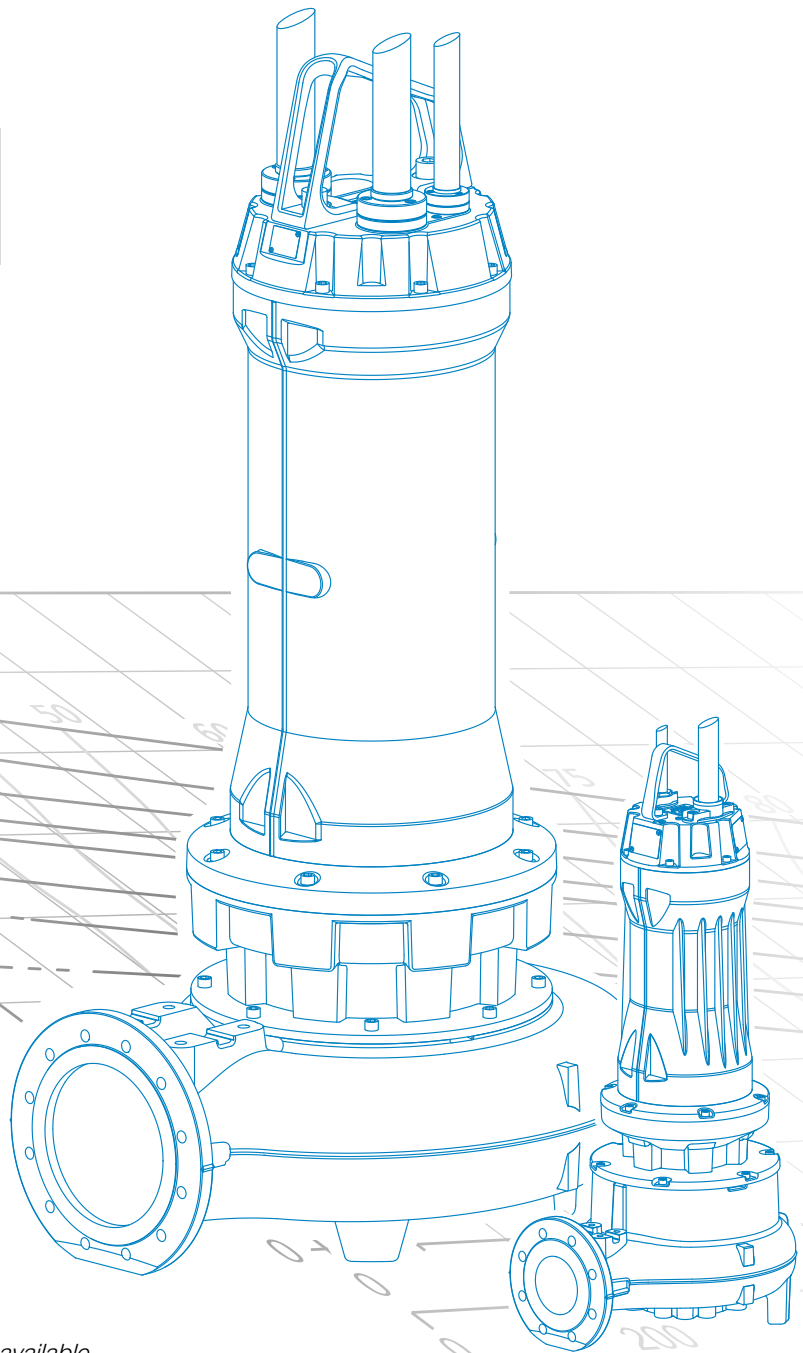
MQ SERIES

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

Table of content

Models with OPEN CHANNEL impeller

MQB 065A (2.2 - 3 kW - 2 poles).....	8
MQB 065B (1.8 - 2.2 kW - 2 poles).....	10
MQB 065C (5.5 - 11 kW - 2 poles).....	12
MQB 080A (7.5 - 9 kW - 2 poles).....	14
MQB 080B (7.5 - 11 kW - 2 poles).....	16
MQB 080D (7.5 - 11 kW - 4 poles).....	18
MQB 080G (3 - 5.5 kW - 4 poles).....	20
MQB 080H (4 - 5.5 kW - 4 poles).....	22
MQB 080W (15 - 37 kW - 2 poles).....	24
MQB 100A (15 kW - 4 poles).....	26
MQB 100B (7.5 - 13 kW - 6 poles).....	28
MQB 100E (7.5 - 15 kW - 4 poles).....	30
MQB 100F (30 - 37 kW - 2 poles).....	32
MQB 100F (4 - 15 kW - 4 poles).....	34
MQB 100J (30 - 37 kW - 2 poles).....	36
MQB 100J (3 - 11 kW - 4 poles).....	38
MQB 100K (7.5 - 11 kW - 2 poles).....	40
MQB 100K (1.1 - 2.2 kW - 4 poles).....	42
MQB 100L (7.5 - 15 kW - 4 poles).....	44
MQB 150A (15 kW - 4 poles).....	46
MQB 150D (5.5 - 15 kW - 4 poles).....	48
MQB 150F (9 - 13 kW - 6 poles).....	50
MQB 150N (7.5 - 15 kW - 4 poles).....	52
MQB 200B (7.5 - 13 kW - 6 poles).....	54
MQB 250C (9 - 13 kW - 6 poles).....	56

Models with VORTEX impeller

MQU 065A (4 - 11 kW - 2 poles).....	58
MQU 080A (5.5 - 11 kW - 2 poles).....	60
MQU 080B (7.5 - 18.5 kW - 2 poles).....	62
MQU 080C (3 - 11 kW - 4 poles).....	64
MQU 080D (22 - 37 kW - 2 poles).....	66
MQU 100A (18.5 - 37 kW - 2 poles).....	68
MQU 100B (4 - 15 kW - 4 poles).....	70
MQU 150A (11 - 15 kW - 4 poles).....	72

Models with GRINDER impeller

MQG 050A (4 - 11 kW - 2 poles).....	74
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Models with HIGH HEAD impeller

MQS 050A (4 - 9 kW - 2 poles).....	76
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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.

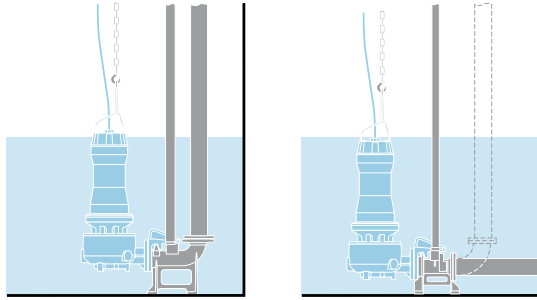
This prevents clogging of the impeller even with highly fouled liquids, allows stringy items to be pulled out or unwound and renders the hydraulics **clogging-proof**.



Installation types

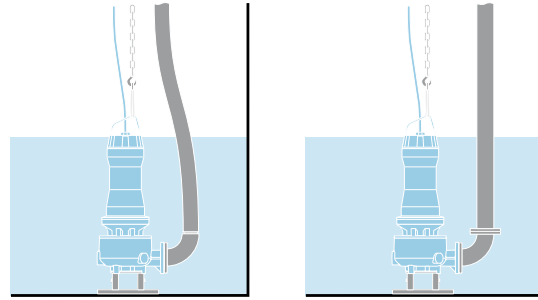
Type P

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



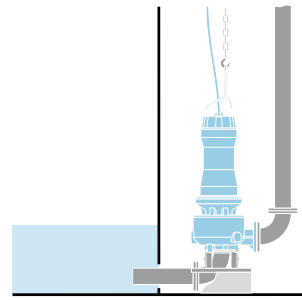
Type S

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



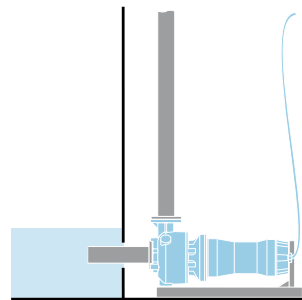
Type T

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



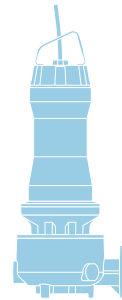
Type Z

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

MQU 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

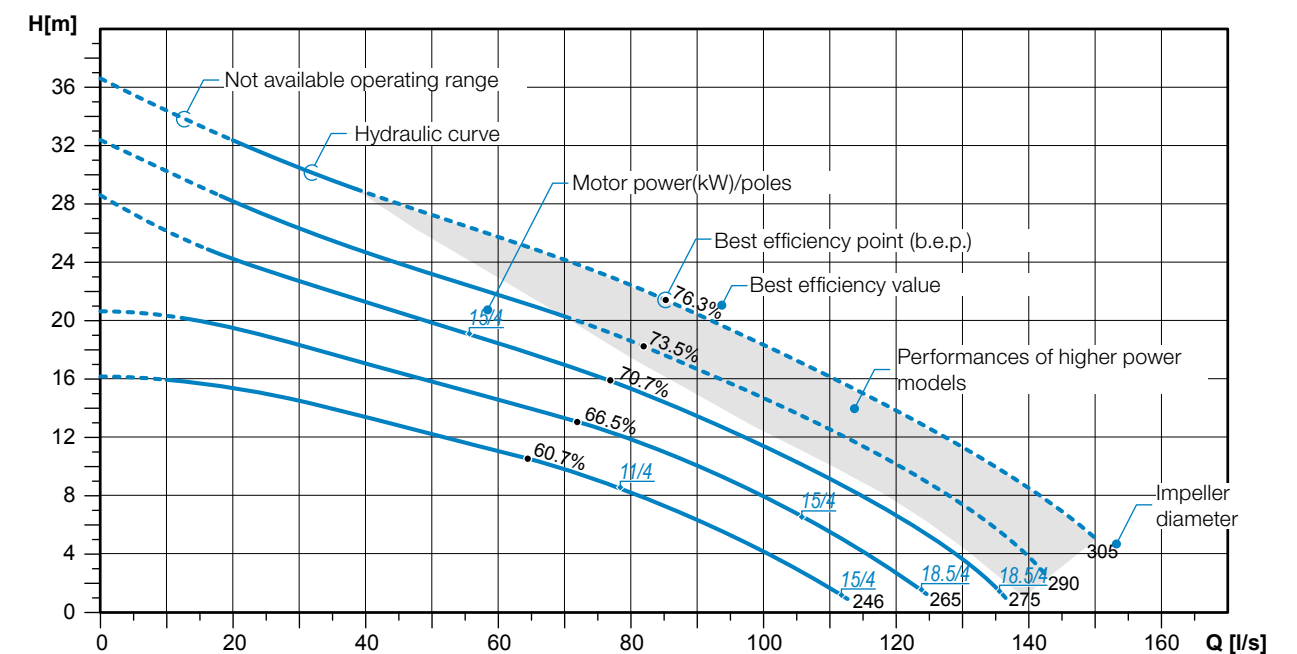
AA BA 10 4Y 5T1 EX NN

- 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

2.2 - 3 kW - 2 poles

MQB 065A

Hydraulics

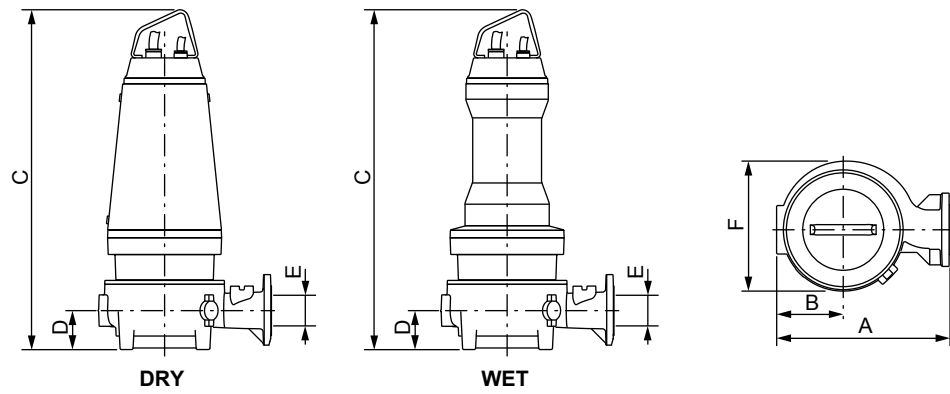
Open channel impeller
 Free passage: 40 x 35 mm
 Discharge: DN65 - PN10-16 EN 1092-2
 Suction: DN80



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
2.2/2 B	3	230/400/460	Y Δ	7.8/4.5/3.9	0.82	2.5	2.2	86.5	IE3
3/2 B	3	230/400/460	Y Δ	10.5/6.1/5.3	0.81	3.4	3.0	88.5	IE3

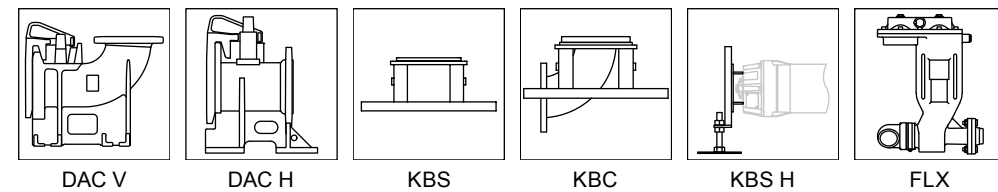
Overall dimensions and weight



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

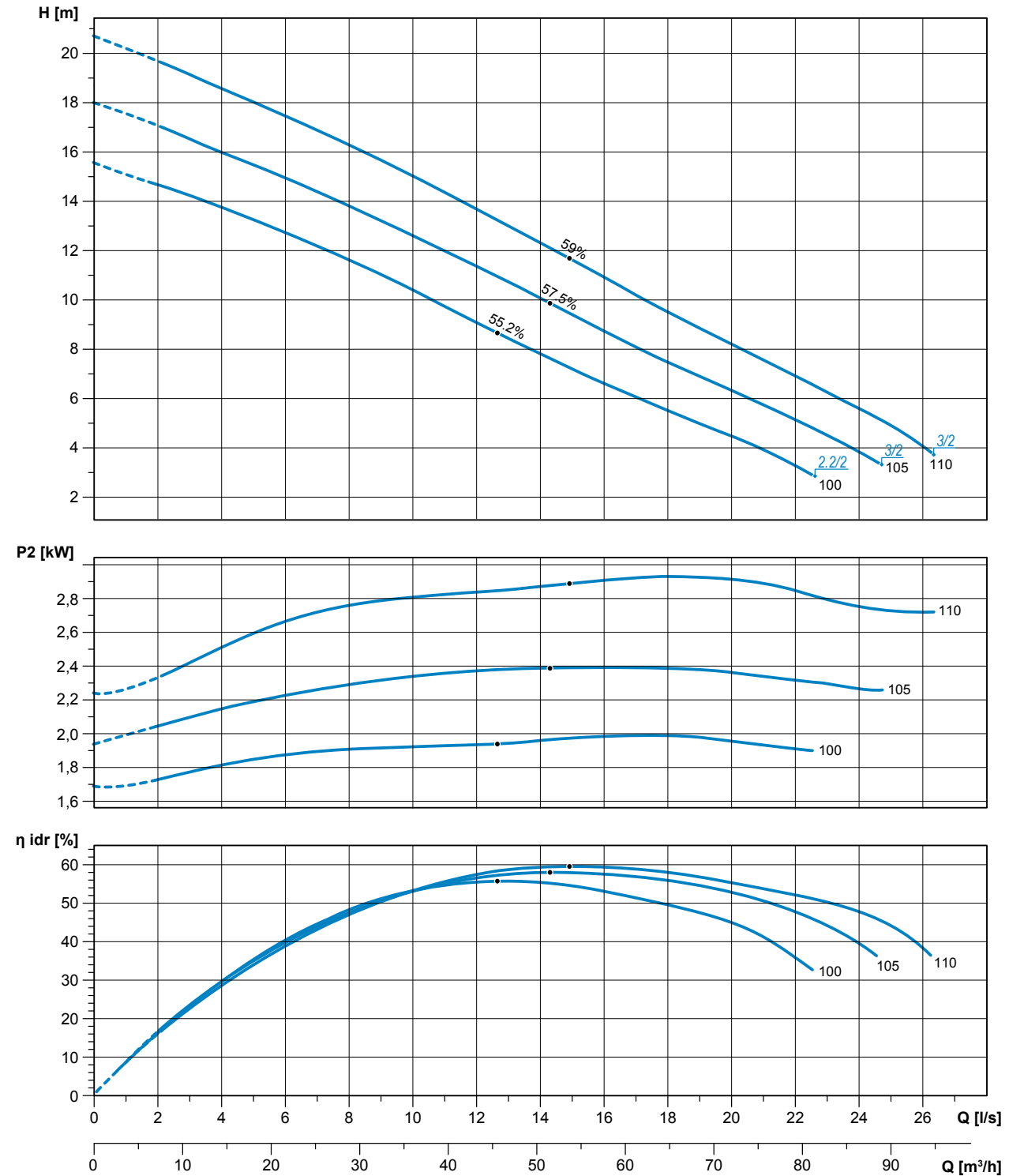
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)
 80 mm discharge bore available

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

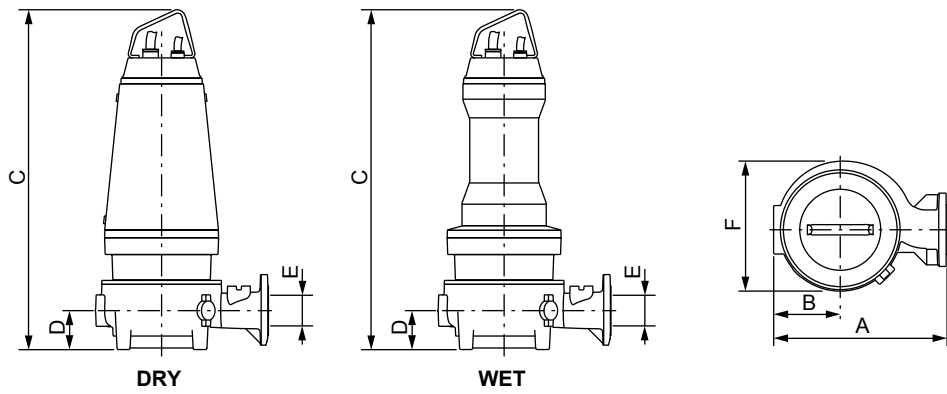
Free passage: 35x30 mm
 Discharge: DN65 - PN10-16 EN 1092-2
 Suction: DN80



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
1.8/2 B	3	230/400/460	Y Δ	6.8/3.9/3.4	0.78	2.1	1.8	85.5	IE3
2.2/2 B	3	230/400/460	Y Δ	7.8/4.5/3.9	0.82	2.5	2.2	86.5	IE3

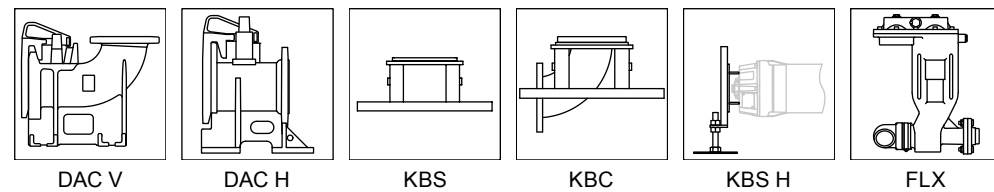
Overall dimensions and weight



	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	-

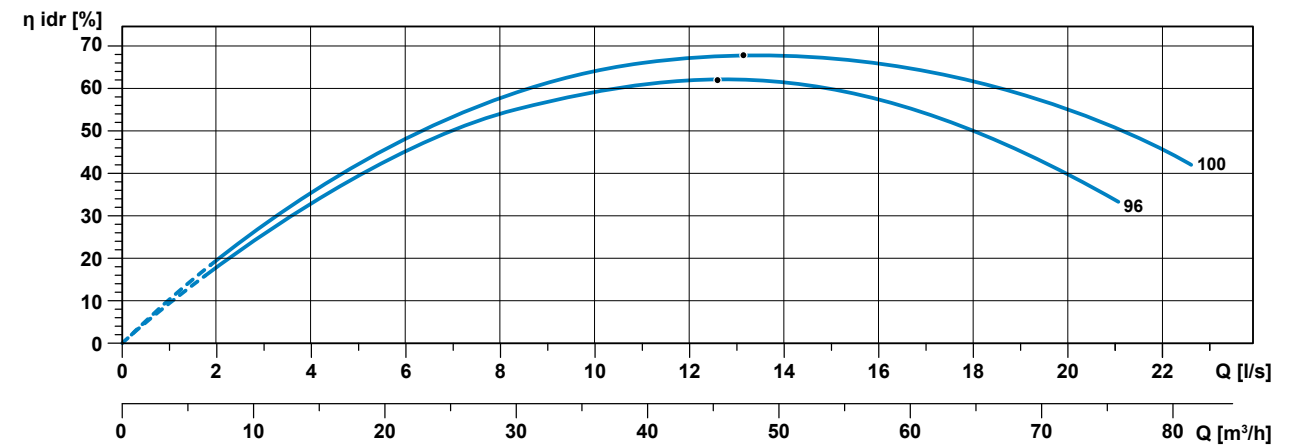
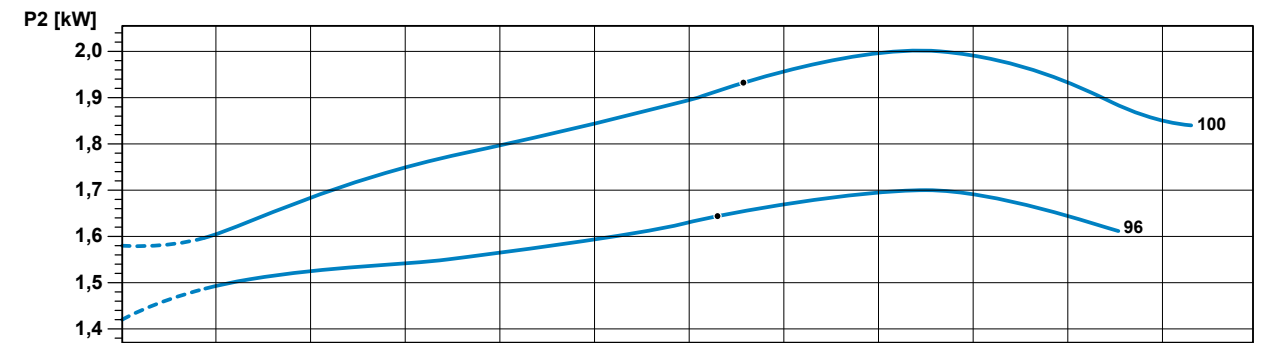
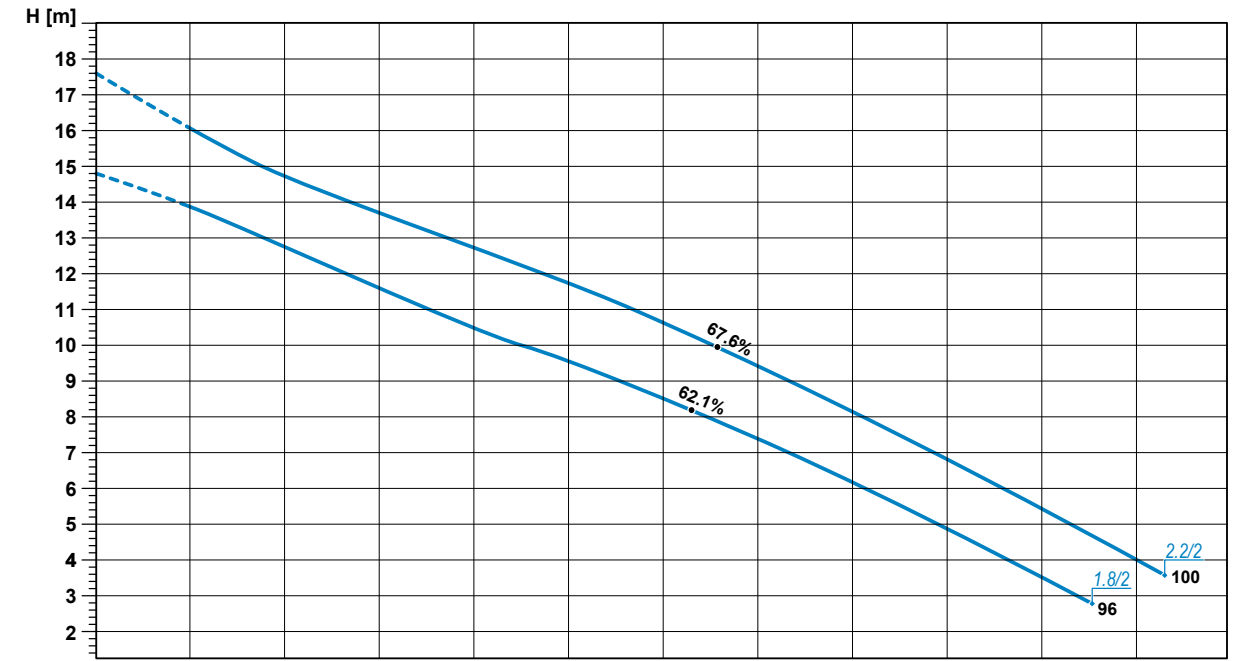
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)
 80 mm discharge bore available

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQB 065C

5.5 - 11 kW - 2 poles

MQB 065C

Hydraulics

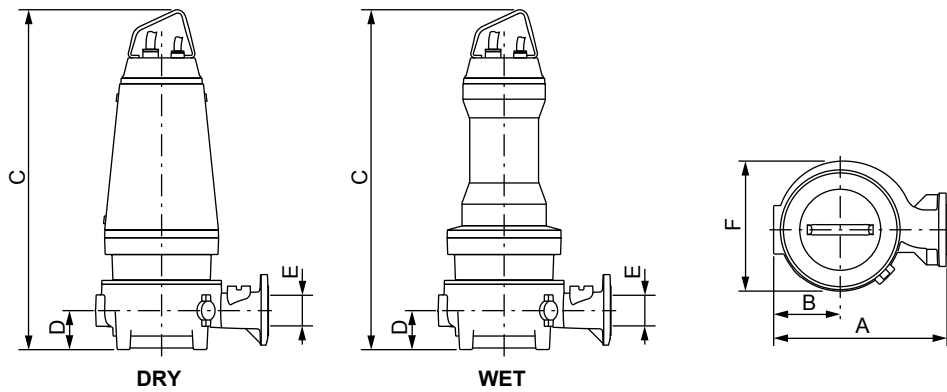
Open channel impeller
 Free passage: 40x35 mm
 Discharge: DN65 - PN10-16 EN 1092-2
 Suction: DN80



Motor

Type	Phases	V	Start	A.	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
5.5/2 B	3	230/400/460	Y Δ	17.8/10.2/8.9	0.87	6.1	5.5	89.6	IE3
7.5/2 B	3	230/400/460	Y Δ	24.8/14.2/12.4	0.84	8.3	7.5	90.2	IE3
9/2 B	3	230/400/460	Y Δ	29.3/16.8/14.6	0.85	9.9	9.0	91.0	IE3
11/2 B	3	230/400/460	Y Δ	36.8/21.2/18.4	0.82	12.1	11.0	91.1	IE3

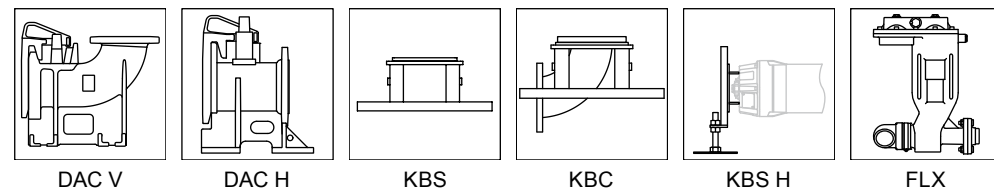
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 065C 5.5/2 BW	340	136	765	-	80	65	253	74.7	-
MQB 065C 7.5/2 BW	340	136	833	-	80	65	253	99.0	-
MQB 065C 9/2 BW	340	136	833	-	80	65	253	102.0	-
MQB 065C 11/2 BW	340	136	833	-	80	65	253	105.0	-

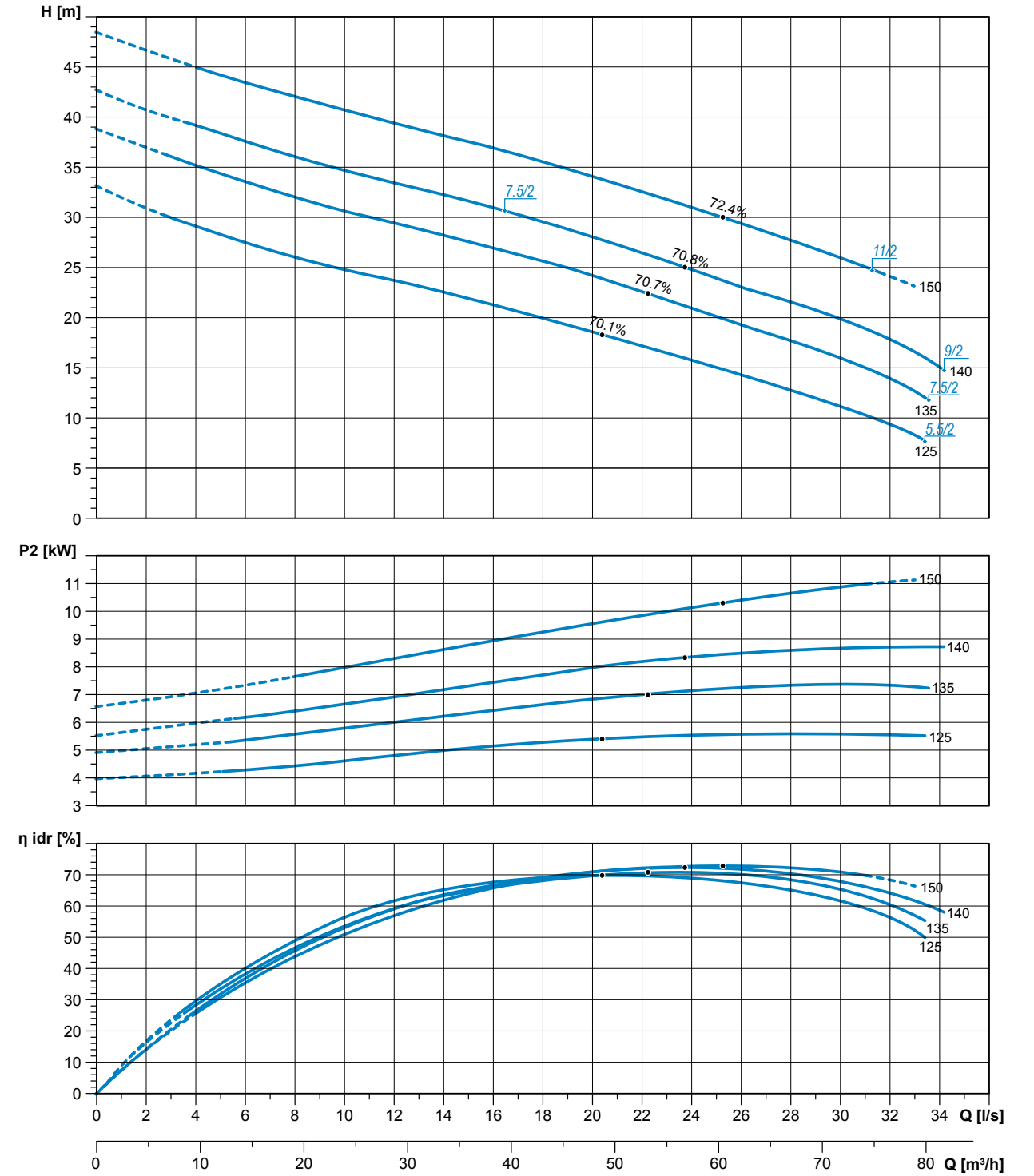
(*) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)
 80 mm discharge bore available

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQB 080A

7.5 - 9 kW - 2 poles

MQB 080A

Hydraulics

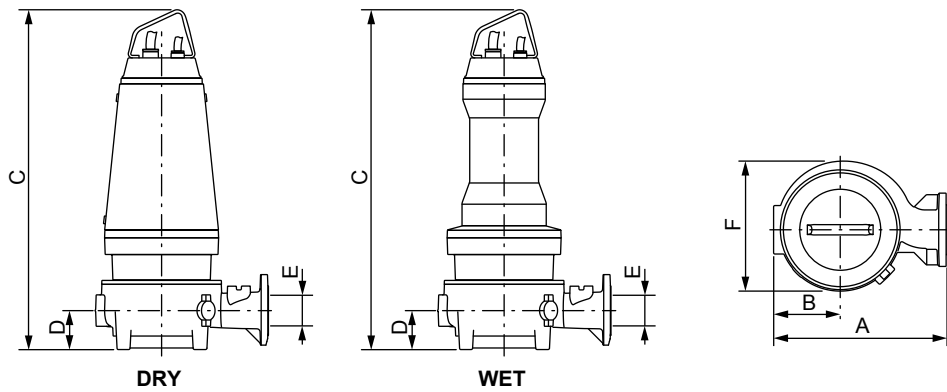
Open channel impeller
 Free passage: 40 mm
 Discharge: DN80 - PN10-16 EN 1092-2
 Suction: DN80



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7.5/2 B	3	230/400/460	Y Δ	24.8/14.2/12.4	0.84	8.3	7.5	90.2	IE3
9/2 B	3	230/400/460	Y Δ	29.3/16.8/14.6	0.85	9.9	9.0	91.0	IE3

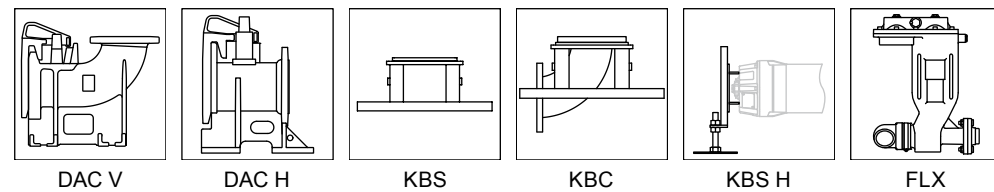
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
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	-

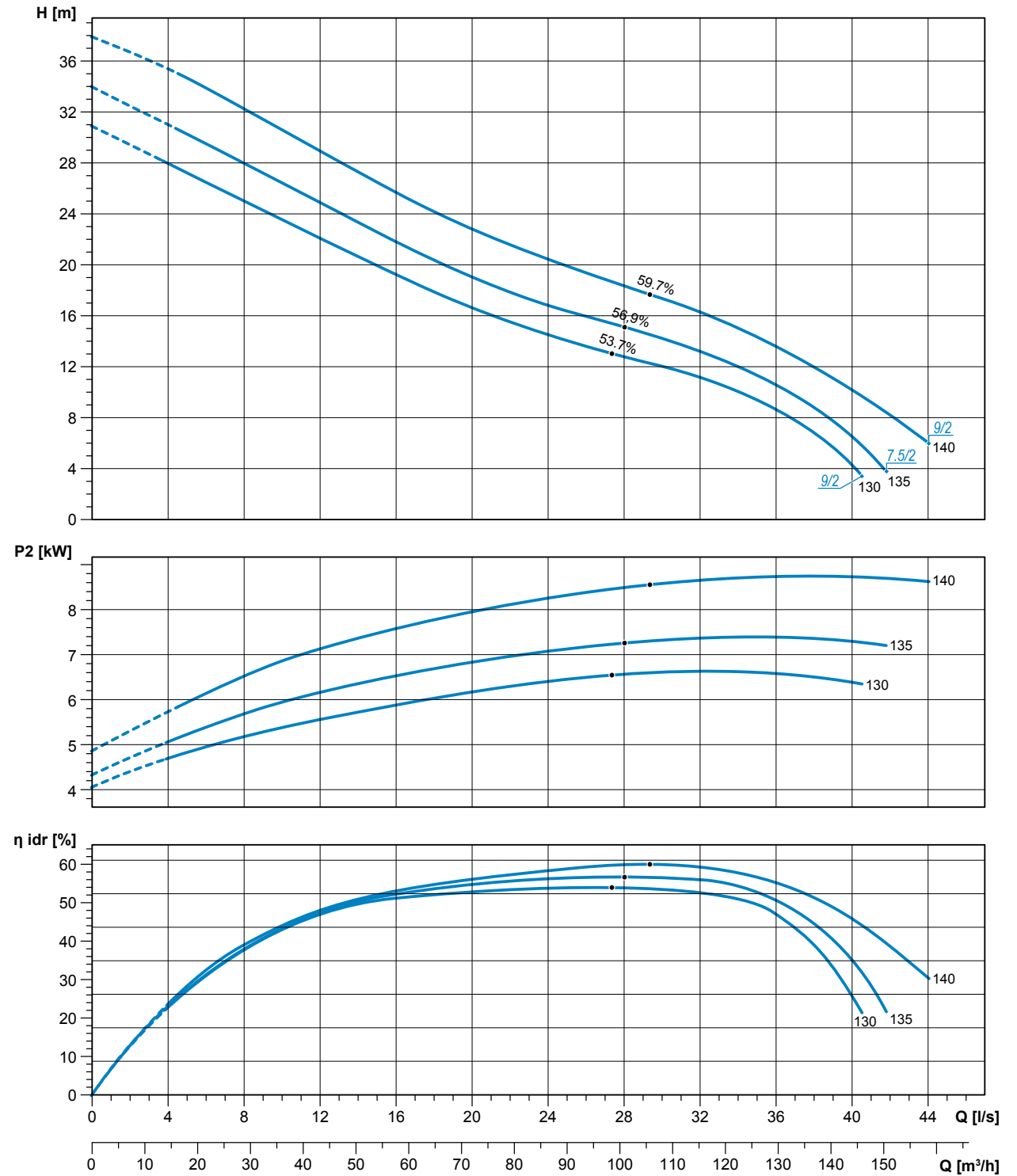
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQB 080B

7.5 - 11 kW - 2 poles

MQB 080B

Hydraulics

Open channel impeller

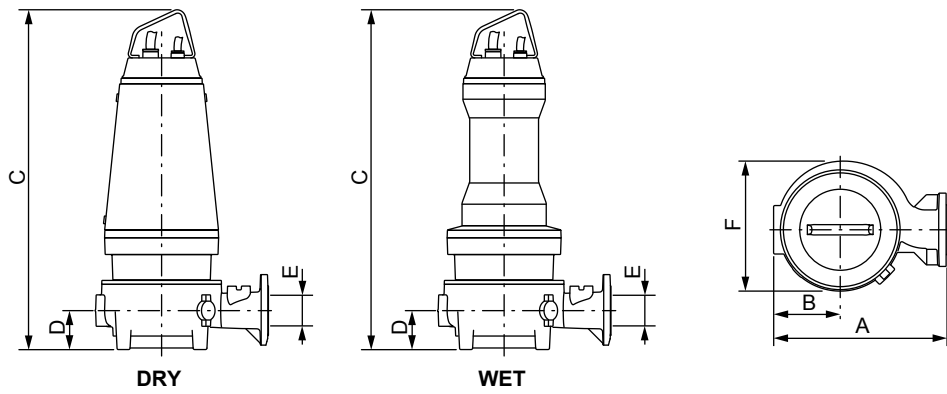
Free passage: 55 x 50 mm
 Discharge: DN80 - PN10-16 EN 1092-2
 Suction: DN80



Motor

Type	Phases	V	Start	A.	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7.5/2 B	3	230/400/460	Y Δ	24.8/14.2/12.4	0.84	8.3	7.5	90.2	IE3
9/2 B	3	230/400/460	Y Δ	29.3/16.8/14.6	0.85	9.9	9.0	91.0	IE3
11/2 B	3	230/400/460	Y Δ	36.8/21.2/18.4	0.82	12.1	11.0	91.1	IE3

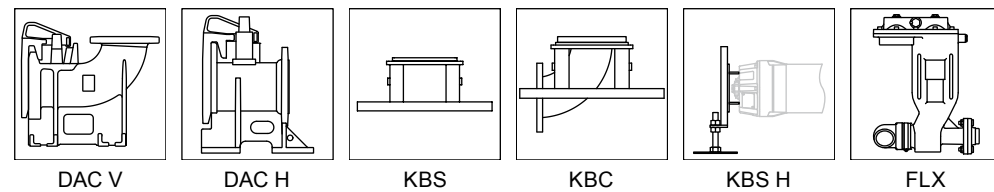
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
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	-

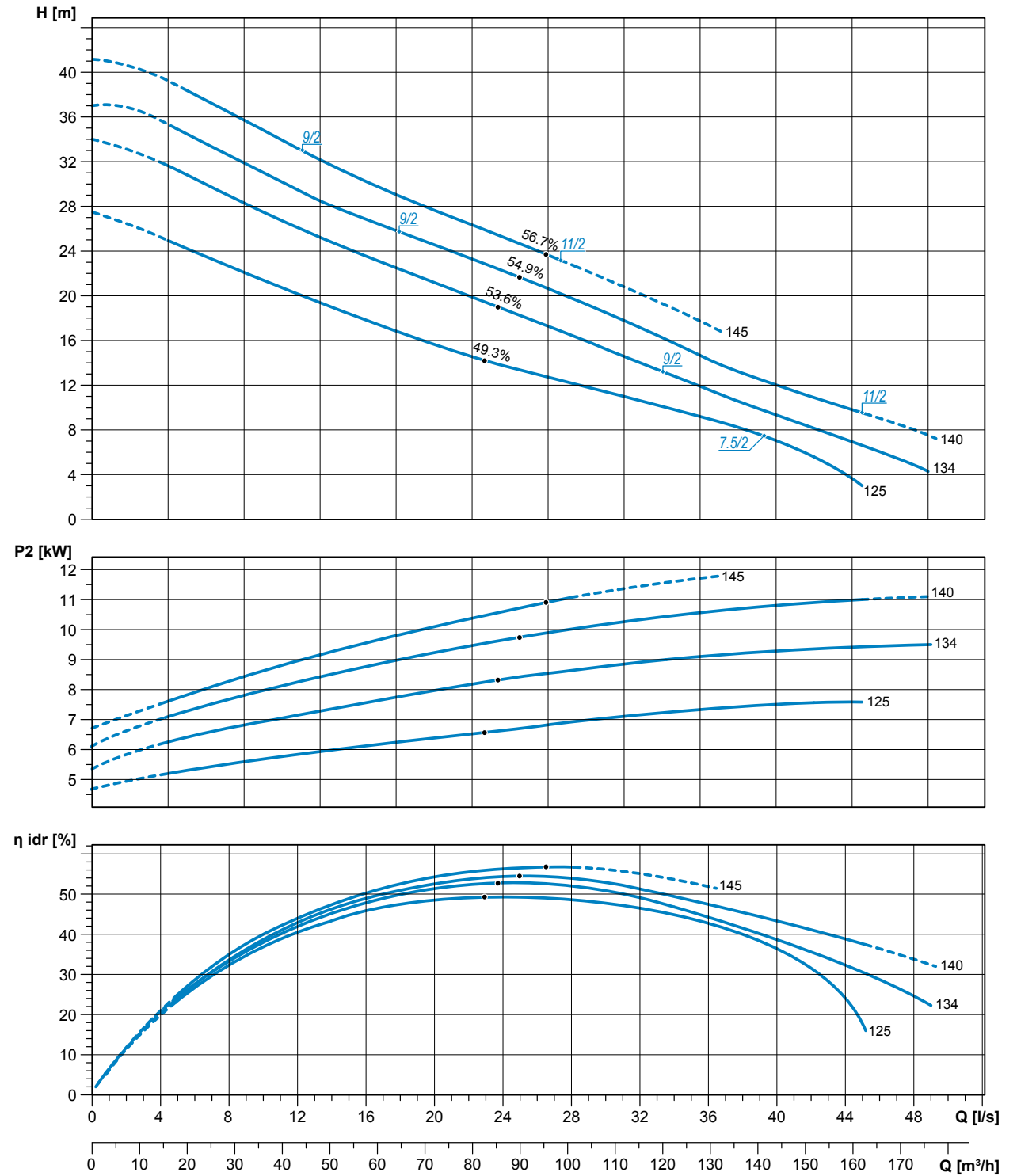
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

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

7.5 - 11 kW - 4 poles

MQB 080D

Hydraulics

Open channel impeller

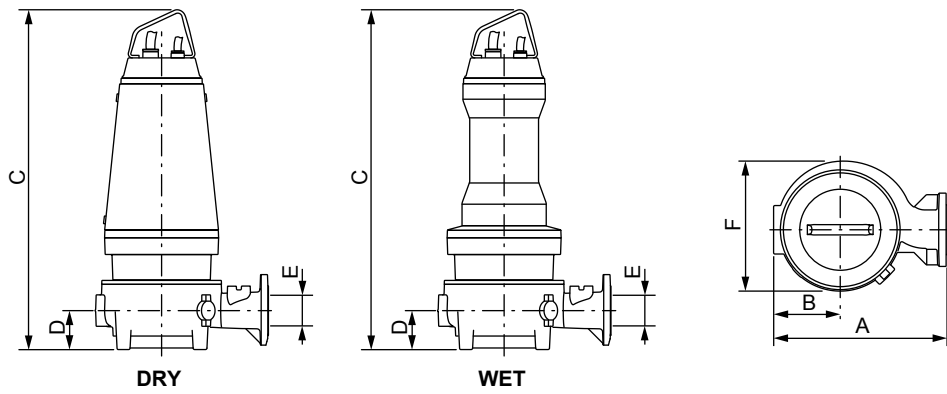
Free passage: 65 x 60 mm
 Discharge: DN80 - PN10-16 EN 1092-2
 Suction: DN150



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7.5/4 A	3	230/400/460	Y Δ	25.6/14.8/12.8	0.80	8.2	7.5	91.7	IE3
9/4 A	3	230/400/460	Y Δ	32.7/18.8/16.3	0.76	9.8	9.0	91.7	IE3
11/4 A	3	230/400/460	Y Δ	37.6/21.6/18.8	0.80	11.9	11.0	92.4	IE3
15/4 A	3	230/400/460	Y Δ	48.9/28.1/24.4	0.83	16.1	15.0	93.0	IE3

Overall dimensions and weight

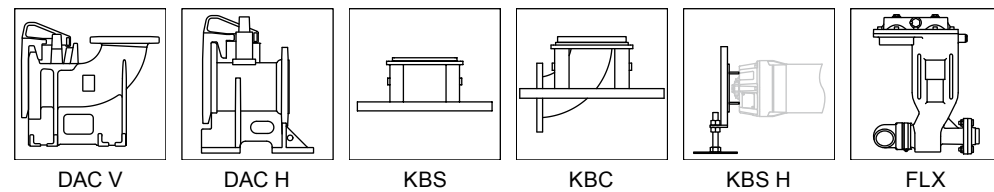


	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (*)
MQB 080D 7.5/4 AW (D)	481	188	1025	1025	124	80	375	226.3	263
MQB 080D 9/4 AW (D)	481	188	1115	1115	124	80	375	247.3	280.3
MQB 080D 11/4 AW (D)	494	201	1165	1165	124	80	403	298.5	345.5
MQB 080D 15/4 AW (D)	494	201	1165	1165	124	80	403	312.2	359.2

(*) Weight for the DRY version includes cooling fluid

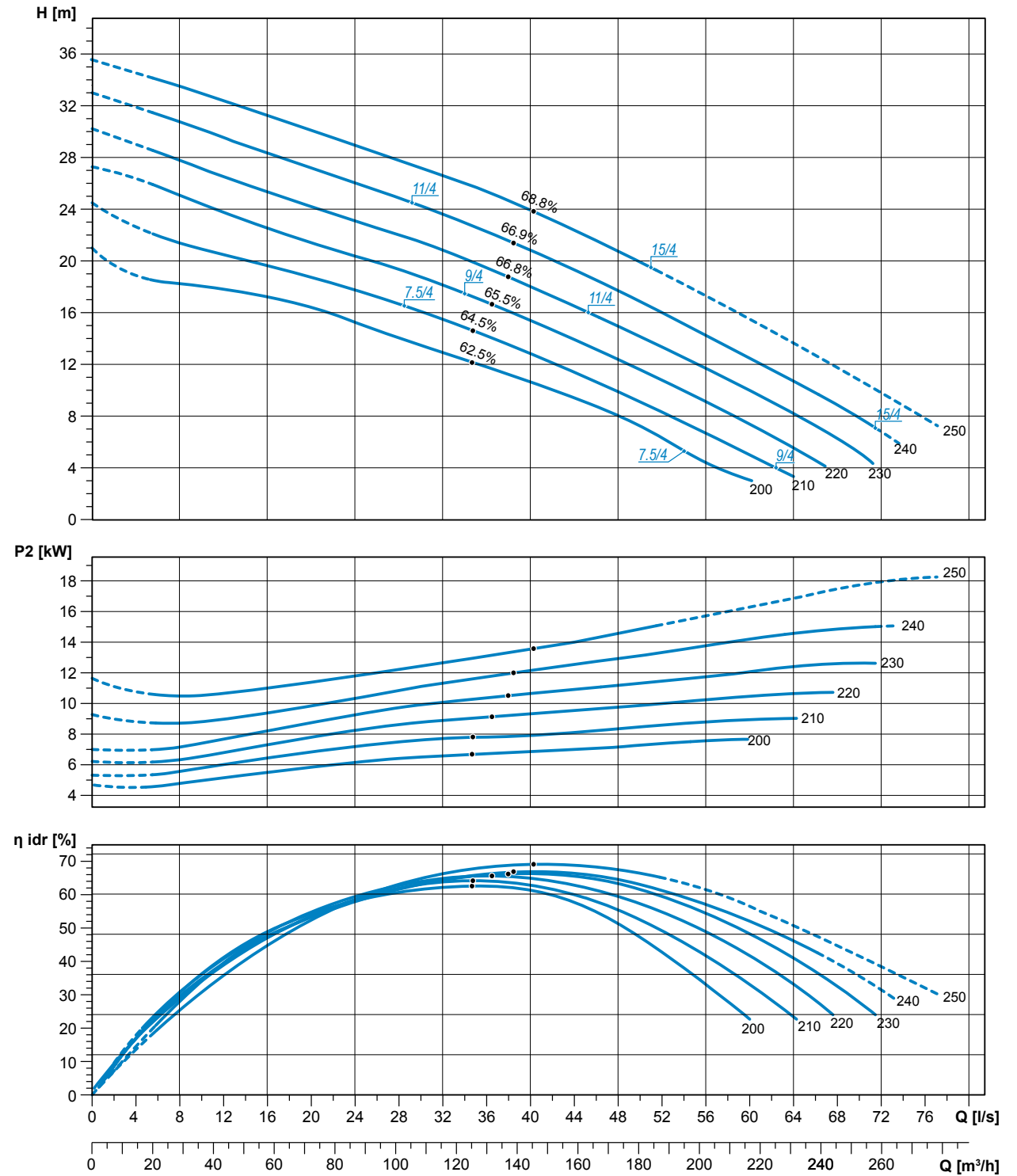
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

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 080G

3 - 5.5 kW - 4 poles

MQB 080G

Hydraulics

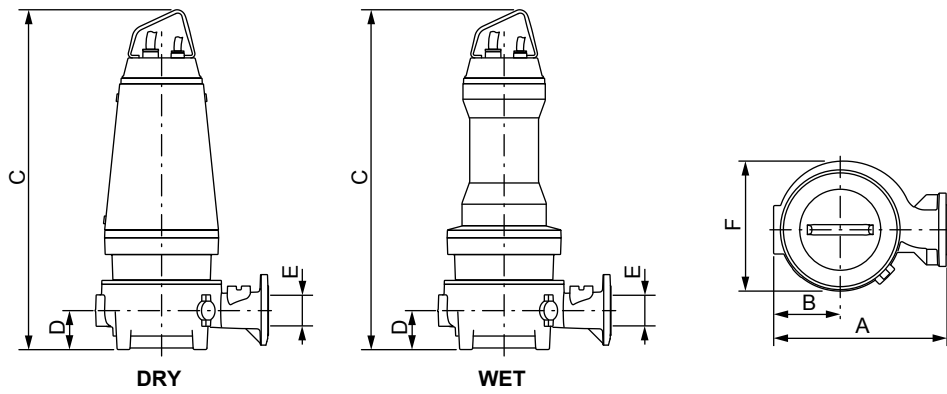
Open channel impeller
 Free passage: 40 x 35 mm
 Discharge: DN80 - PN10-16 EN 1092-2
 Suction: DN80



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
3/4 A	3	230/400/460	Y Δ	11.6/6.7/5.8	0.73	3.5	3.0	89.5	IE3
4/4 A	3	230/400/460	Y Δ	14.8/8.5/7.4	0.76	4.5	4.0	89.5	IE3
5.5/4 A	3	230/400/460	Y Δ	19.8/11.4/9.9	0.76	6.0	5.5	91.7	IE3

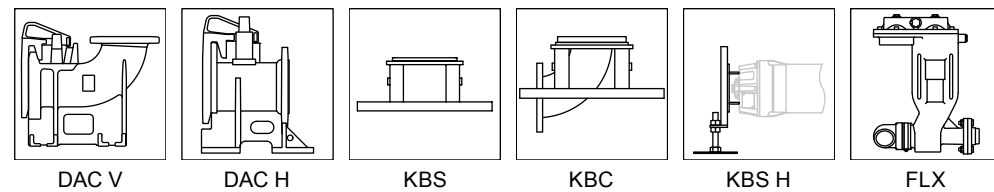
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 080G 3/4 AW	393	151	801	-	88	80	303	125.0	-
MQB 080G 4/4 AW	393	151	901	-	88	80	303	159.0	-
MQB 080G 5.5/4 AW	393	151	901	-	88	80	303	163.0	-

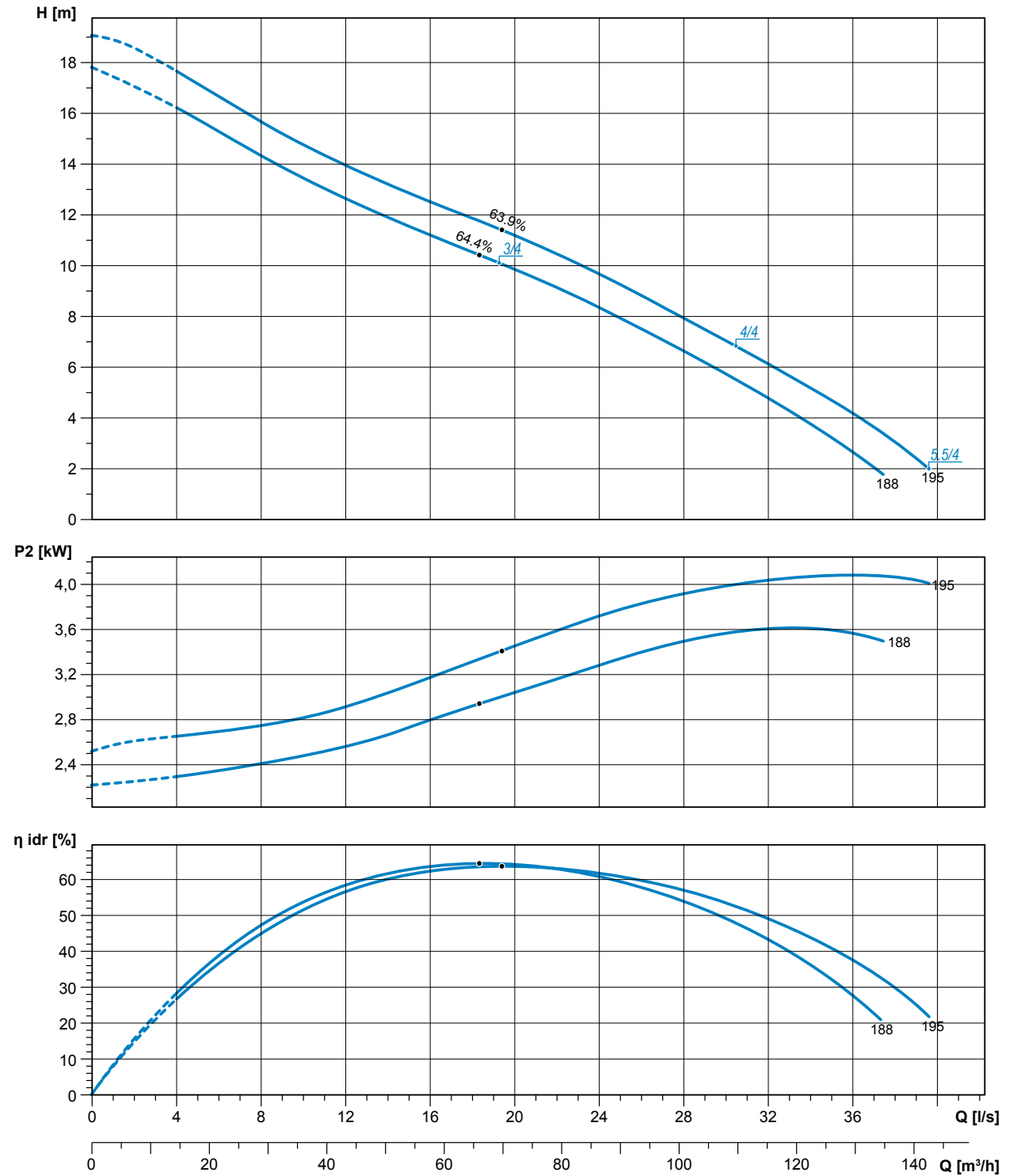
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

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

MQB 080H

4 - 5.5 kW - 4 poles

MQB 080H

Hydraulics

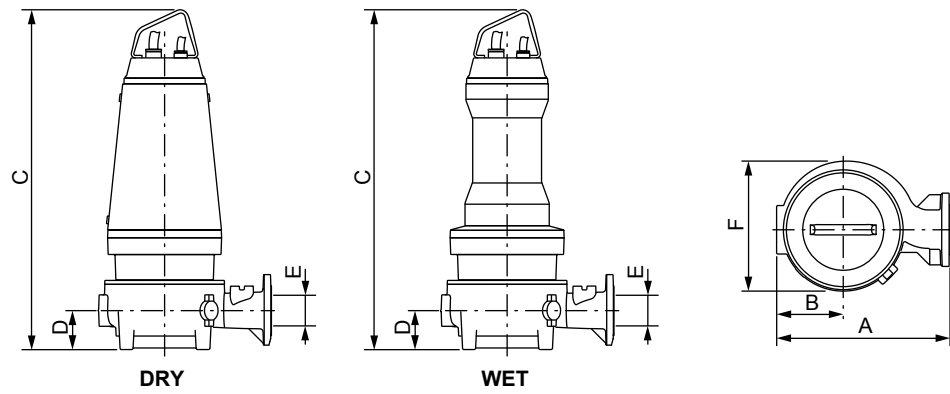
Open channel impeller
 Free passage: 75 mm
 Discharge: DN80 - PN10-16 EN 1092-2
 Suction: DN100



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
4/4 A	3	230/400/460	Y Δ	14.8/8.5/7.4	0.76	4.5	4.0	89.5	IE3
5.5/4 A	3	230/400/460	Y Δ	19.8/11.4/9.9	0.76	6.0	5.5	91.7	IE3

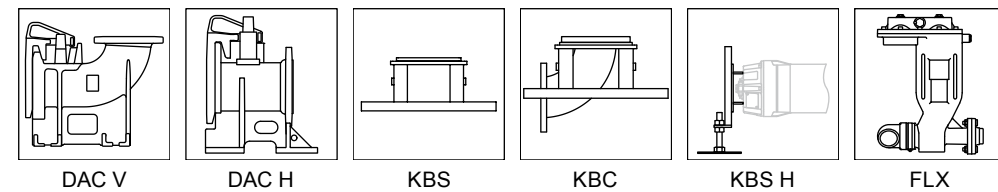
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 080H 4/4 AW	393	151	901	-	88	80	303	143.0	-
MQB 080H 5.5/4 AW	393	151	901	-	88	80	303	163.0	-

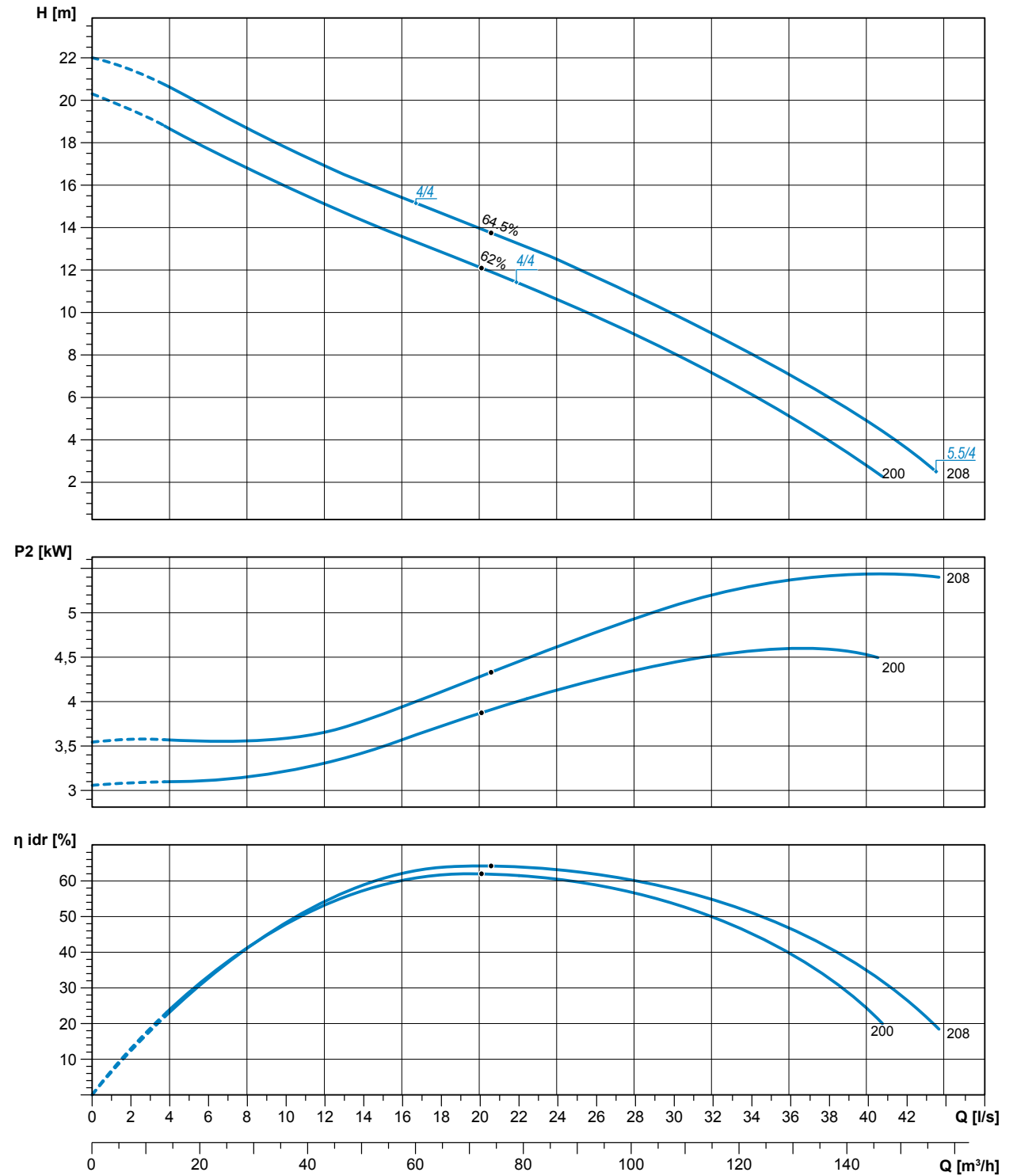
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

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

MQB 080W

15 - 37 kW - 2 poles

MQB 080W

Hydraulics

Open channel impeller

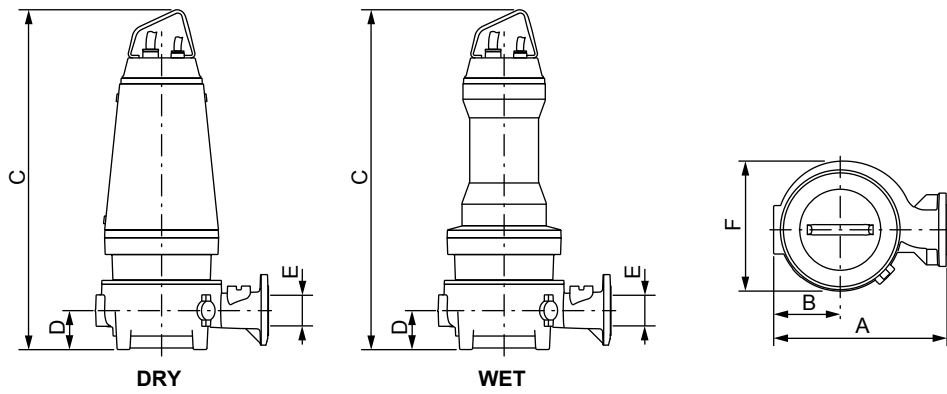
Free passage: 75 mm
 Discharge: DN80 - PN10-16 EN 1092-2
 Suction: DN100



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
15/2 A	3	230/400/460	Y Δ	46.4/26.7/23.2	0.89	16.5	15.0	91.1	IE3
18.5/2 A	3	230/400/460	Y Δ	56.4/34.1/28.2	0.90	20.2	18.5	91.7	IE3
22/2 A	3	230/400/460	Y Δ	76.2/38.1/38.1	0.91	23.9	22.0	92.0	IE3
30/2 A	3	230/400/460	Y Δ	90.2/51.9/45.1	0.90	32.5	30.0	92.4	IE3
37/2 H	3	230/400/460	Y Δ	110.2/63.4/55.1	0.90	40.0	37.0	92.4	IE2

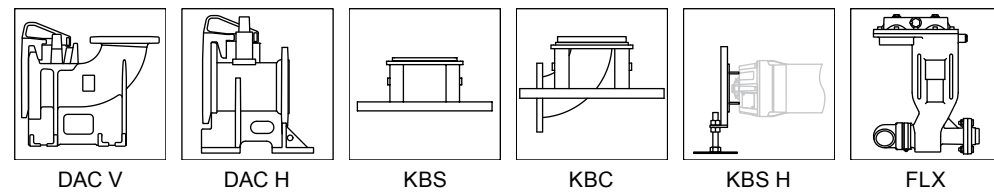
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 080W 15/2 AW (D)	481	188	1115	1115	124	80	375	239.0	274.6
MQB 080W 18.5/2 AW (D)	481	188	1115	1115	124	80	375	248.5	284.1
MQB 080W 22/2 AW (D)	494	201	1165	1165	124	80	403	305.6	352.6
MQB 080W 30/2 AW (D)	494	201	1165	1165	124	80	403	315.8	362.8
MQB 080W 37/2 HW (D)	494	201	1165	1165	124	80	403	315.8	362.8

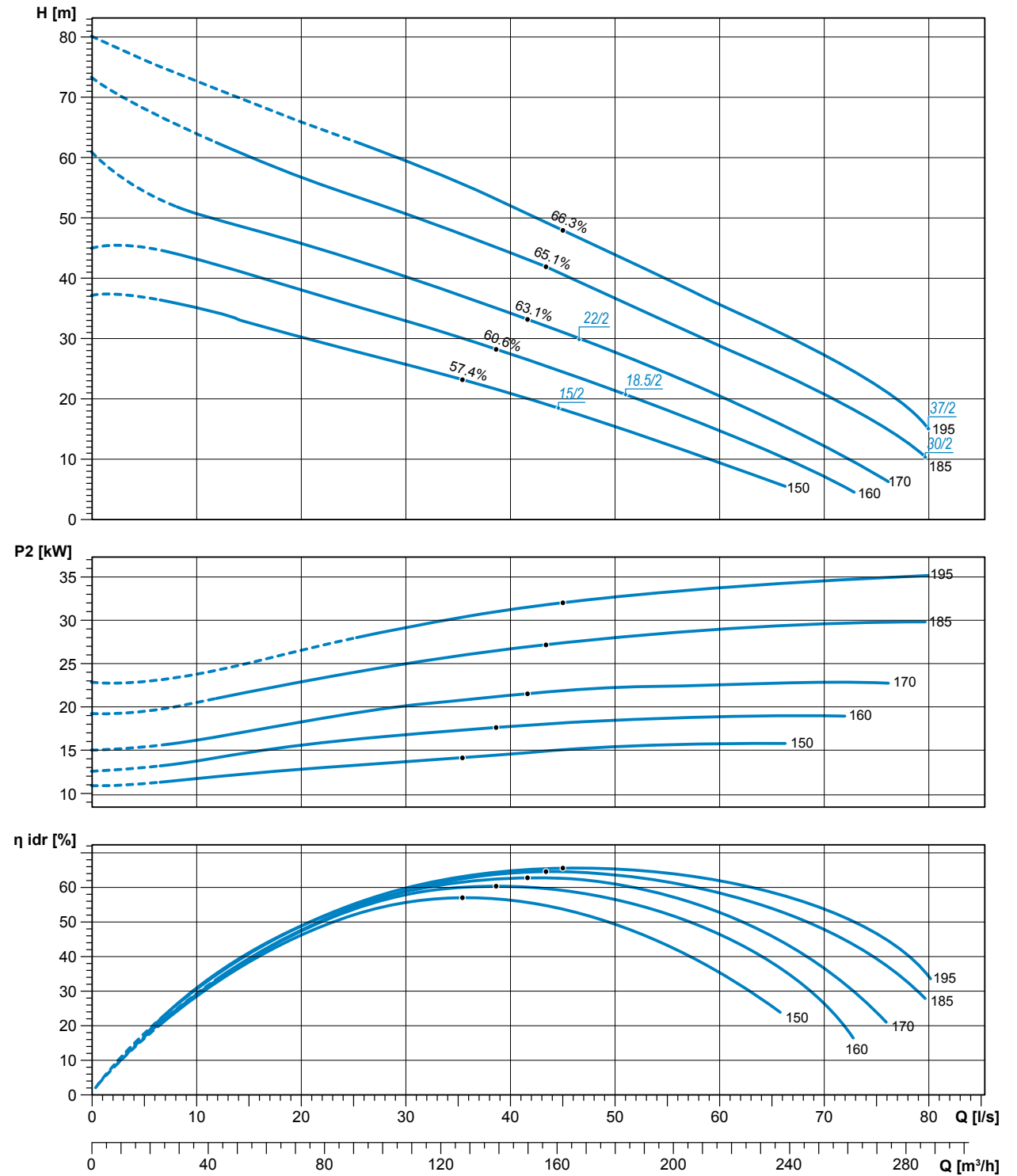
(*) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

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 100A

15 kW - 4 poles

MQB 100A

Hydraulics

Open channel impeller

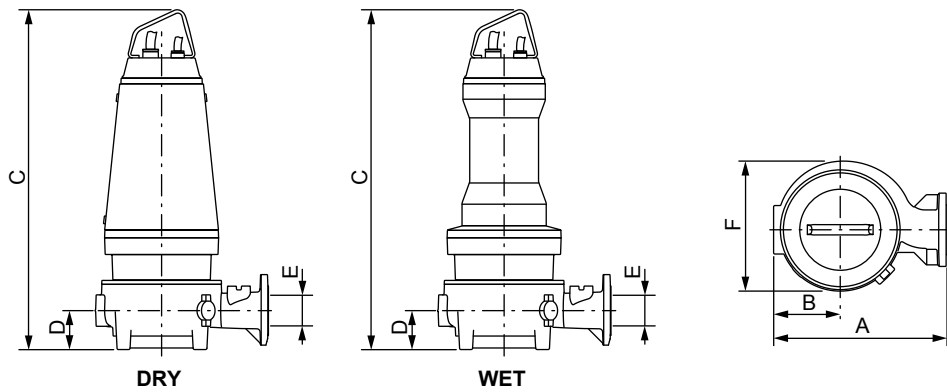
Free passage: 80 mm
 Discharge: DN100 - PN10-16 EN 1092-2
 Suction: DN150



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
15/4 A	3	230/400/460	Y Δ	48.9/28.1/24.4	0.83	16.1	15.0	93.0	IE3

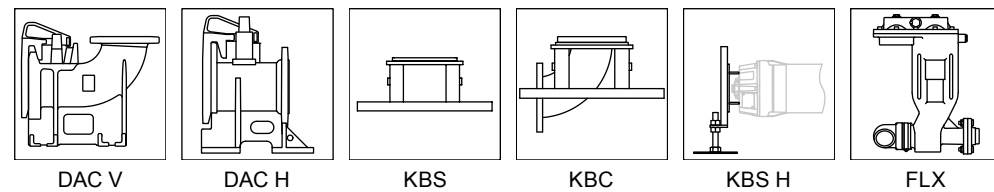
Overall dimensions and weight



	A	B	C mm		D	E	F	Kg	
	mm	mm	WET	DRY	mm	mm	mm	WET	DRY (+)
MQB 100A 15/4 AW (D)	548	208	1166	1166	124	100	414	325.9	372.9

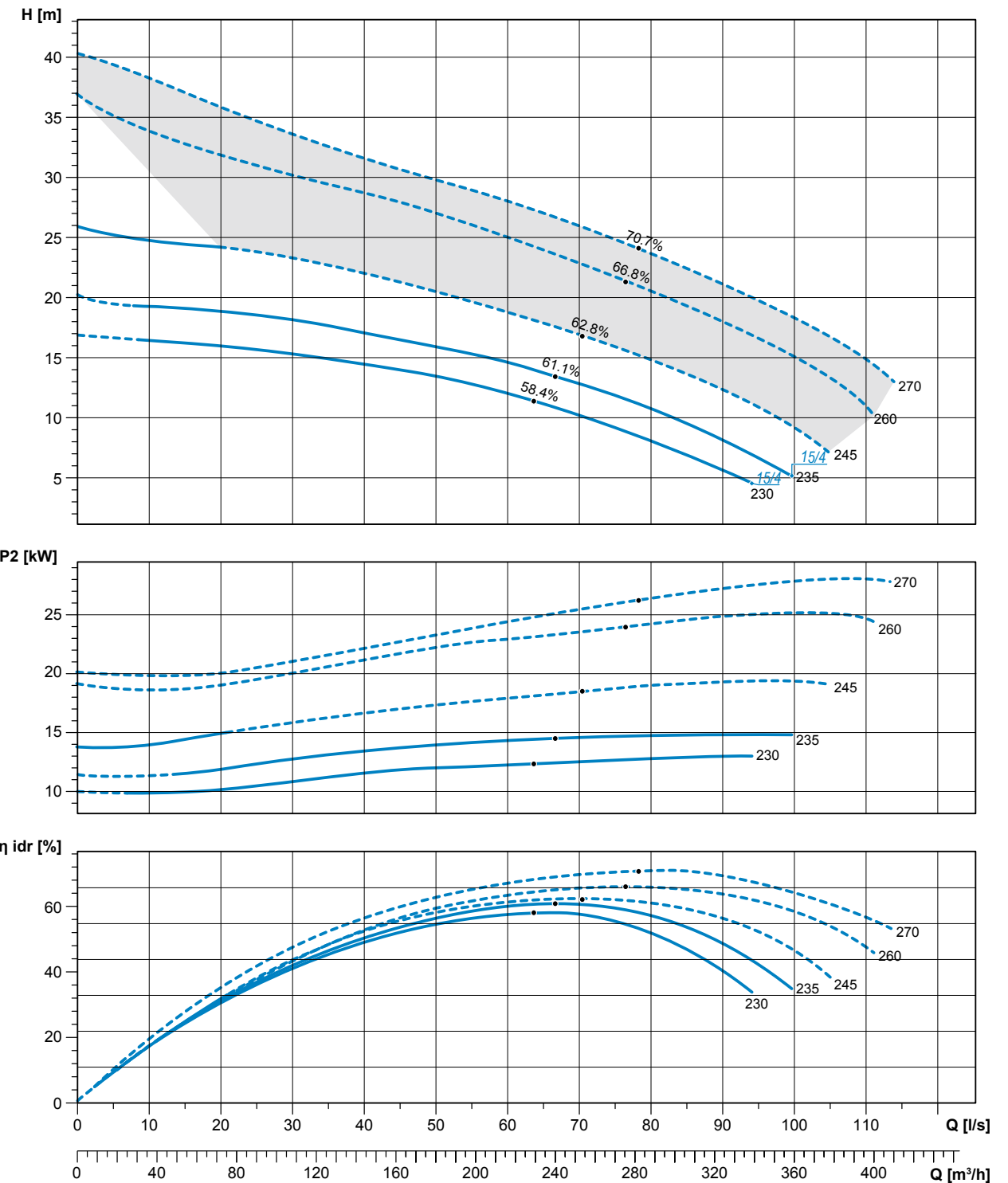
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQB 100B

7.5 - 13 kW - 6 poles

MQB 100B

Hydraulics

Open channel impeller

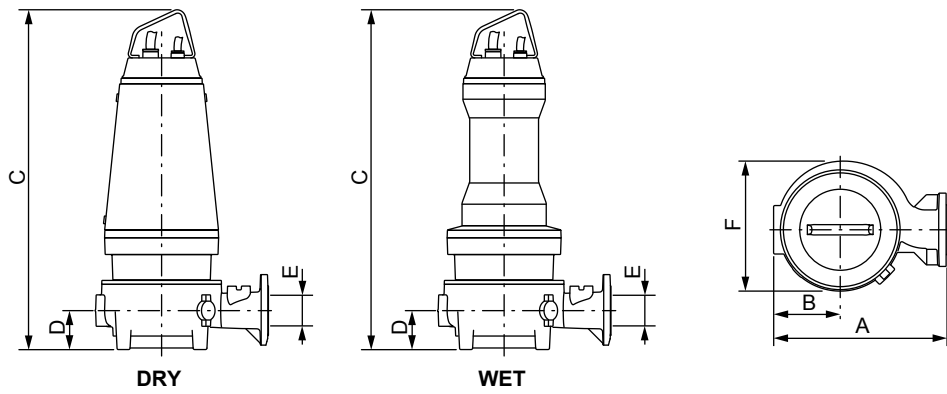
Free passage: 80 mm
 Discharge: DN100 - PN10-16 EN 1092-2
 Suction: DN150



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7.5/6 A	3	230/400/460	Y Δ	29.0/16.7/14.5	0.72	8.2	7.5	91.0	IE3
9/6 A	3	230/400/460	Y Δ	35.4/20.4/17.7	0.70	9.9	9.0	91.3	IE3
11/6 A	3	230/400/460	Y Δ	42.1/24.2/21.0	0.73	12.0	11.0	91.9	IE3
13/6 H	3	230/400/460	Y Δ	46.0/26.5/23.0	0.79	14.4	13.0	90.2	IE2

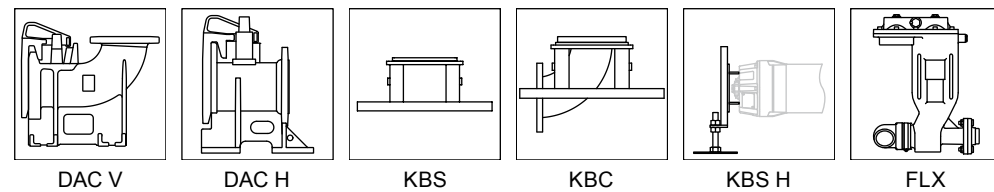
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 100B 7.5/6 AW (D)	590	240	1169	1169	121	100	471	280.1	327.1
MQB 100B 9/6 AW (D)	590	240	1169	1169	121	100	471	287.8	334.8
MQB 100B 11/6 AW (D)	590	240	1169	1169	121	100	471	298.1	345.1
MQB 100B 13/6 HW (D)	590	240	1169	1169	121	100	471	298.1	345.1

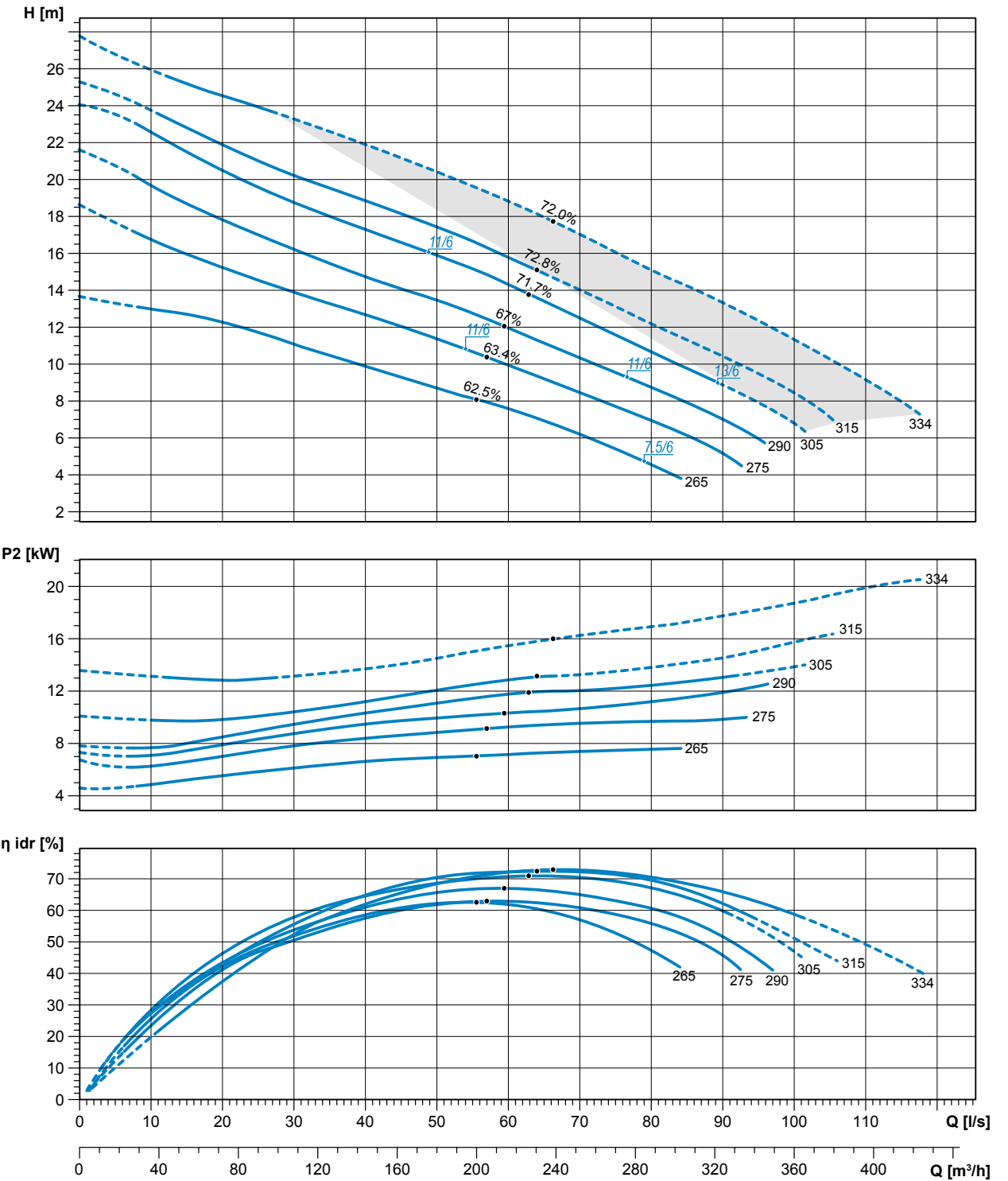
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQB 100E

7.5 - 15 kW - 4 poles

MQB 100E

Hydraulics

Open channel impeller

Free passage: 80 mm

Discharge: DN100 - PN10-16 EN 1092-2

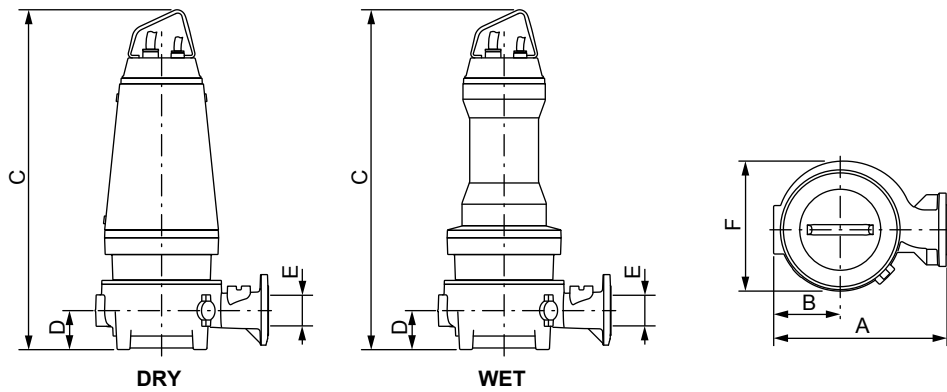
Suction: DN150



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7.5/4 A	3	230/400/460	Y Δ	25.6/14.8/12.8	0.80	8.2	7.5	91.7	IE3
9/4 A	3	230/400/460	Y Δ	32.7/18.8/16.3	0.76	9.8	9.0	91.7	IE3
11/4 A	3	230/400/460	Y Δ	37.6/21.6/18.8	0.80	11.9	11.0	92.4	IE3
15/4 A	3	230/400/460	Y Δ	48.9/28.1/24.4	0.83	16.1	15.0	93.0	IE3

Overall dimensions and weight

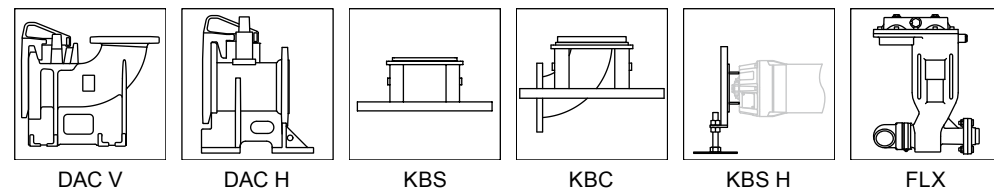


	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 100E 7.5/4 AW (D)	550	210	1025	1025	125	100	415	235.0	270.0
MQB 100E 9/4 AW (D)	550	210	1120	1120	125	100	415	256.0	289.0
MQB 100E 11/4 AW (D)	550	210	1165	1165	125	100	415	306.9	352.9
MQB 100E 15/4 AW (D)	550	210	1115	1165	125	100	415	320.9	367.9

(*) Weight for the DRY version includes cooling fluid

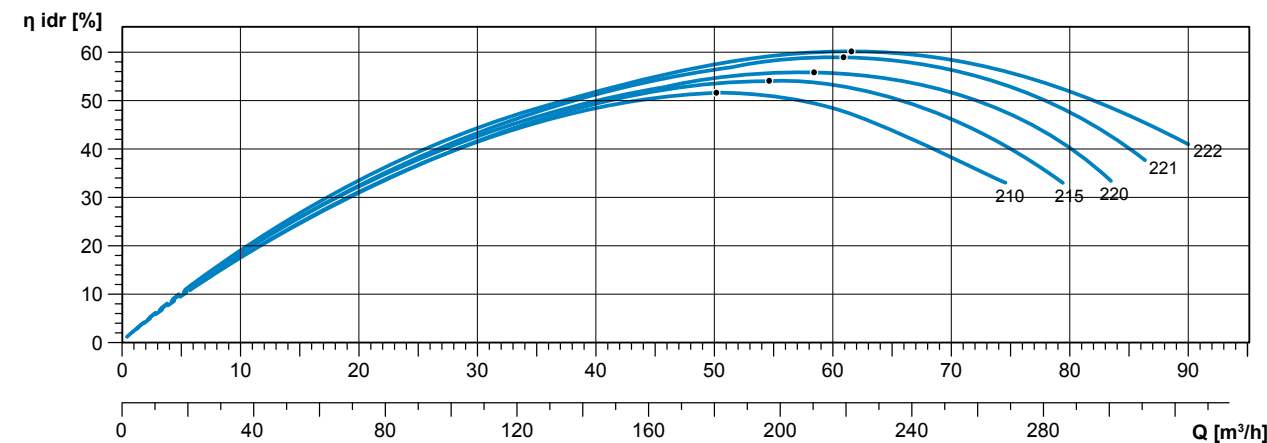
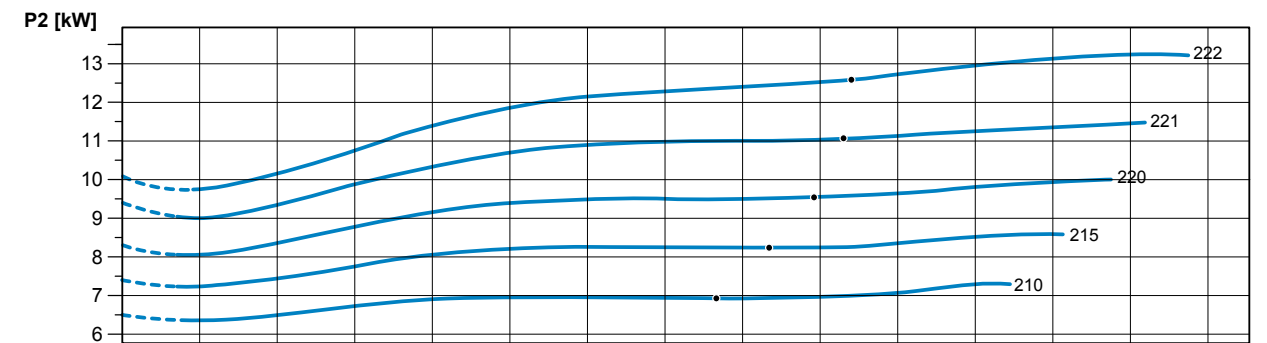
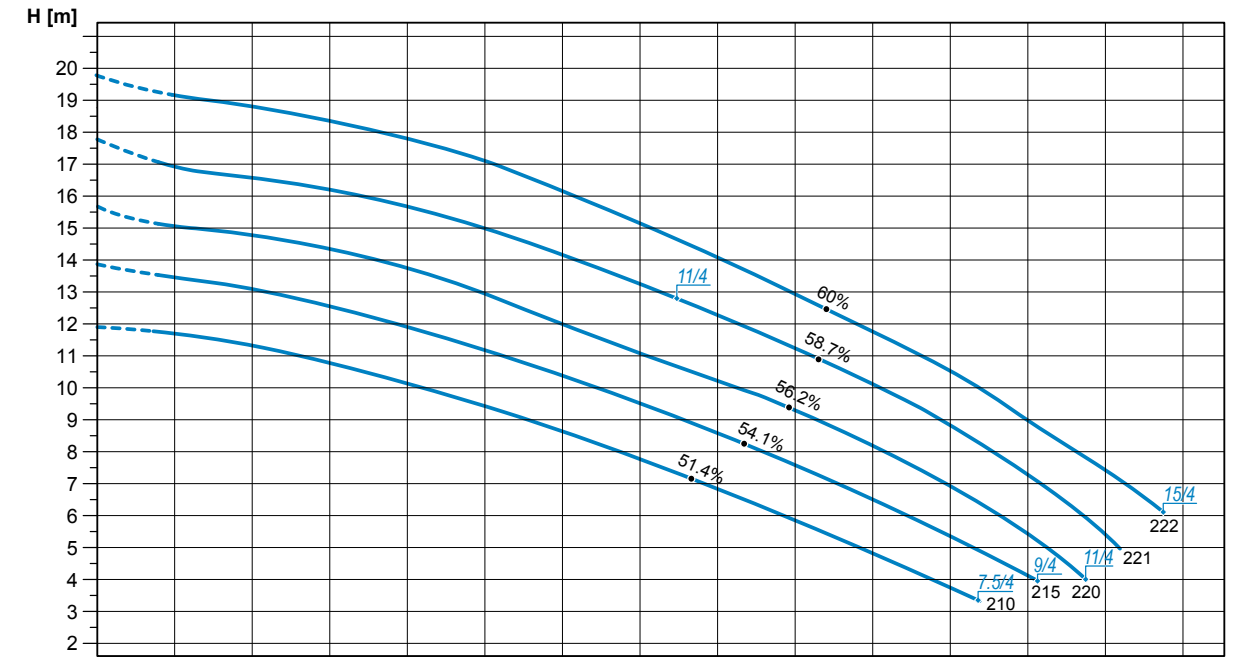
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQB 100F

30 - 37 kW - 2 poles

MQB 100F

Hydraulics

Open channel impeller

Free passage: 45 mm

Discharge: DN100 - PN10-16 EN 1092-2

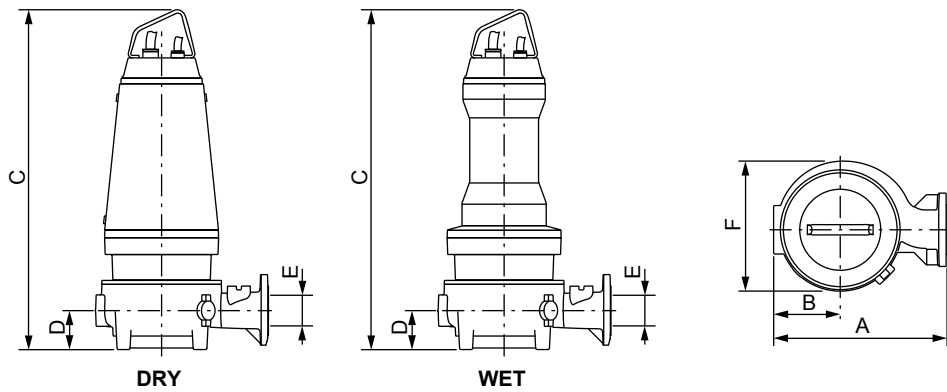
Suction: DN150



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
30/2 A	3	230/400/460	Y Δ	90.2/51.9/45.1	0.90	32.5	30.0	92.4	IE3
37/2 H	3	230/400/460	Y Δ	110.2/63.4/55.1	0.90	40.0	37.0	92.4	IE2

Overall dimensions and weight

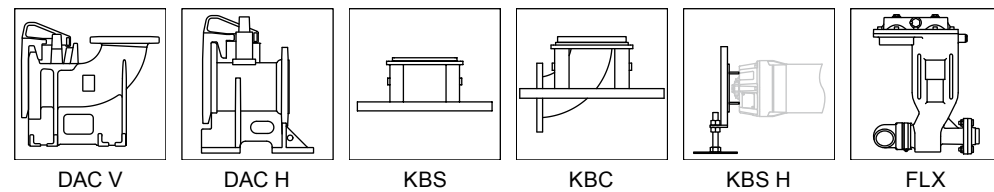


	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 100F 30/2 AW (D)	602	208	1181	1181	124	100	413	351.8	398.8
MQB 100F 37/2 HW (D)	602	208	1181	1181	124	100	413	351.8	398.8

(+) Weight for the DRY version includes cooling fluid

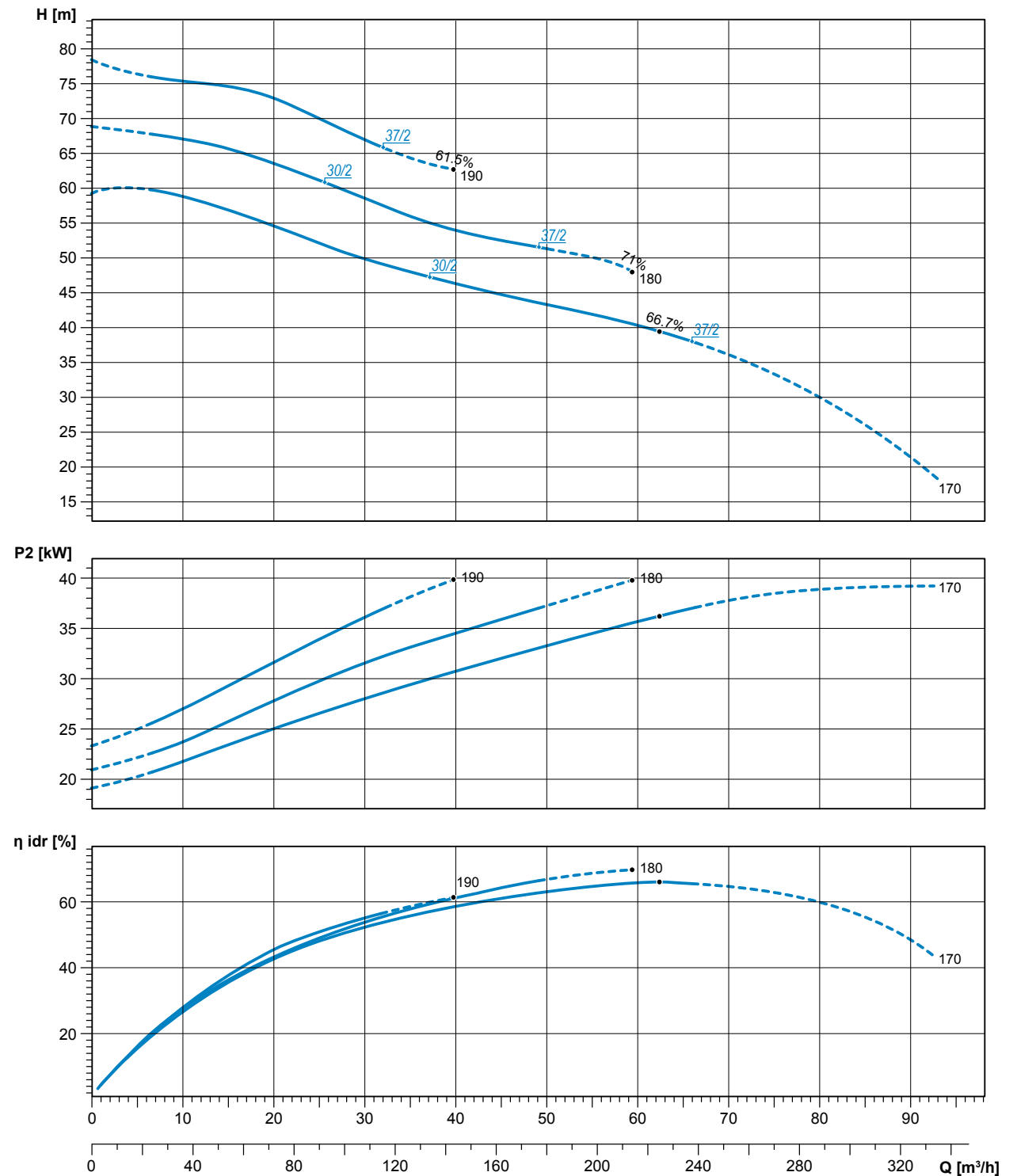
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

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 100F

4 - 15 kW - 4 poles

MQB 100F

Hydraulics

Open channel impeller

Free passage: 45 mm

Discharge: DN100 - PN10-16 EN 1092-2

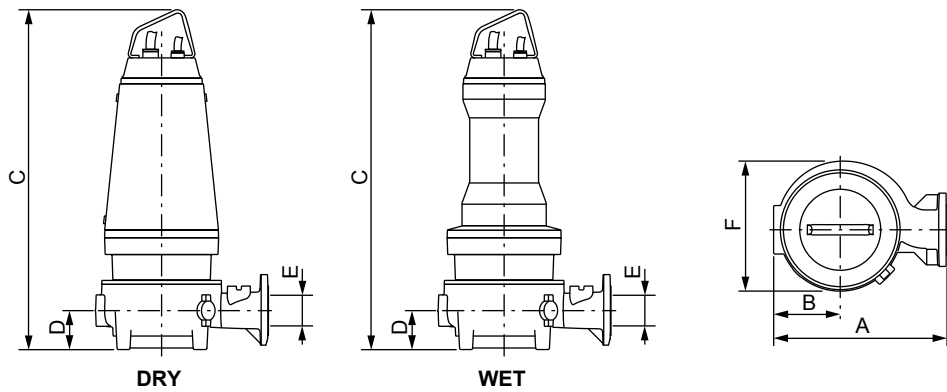
Suction: DN150



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
4/4 A	3	230/400/460	Y Δ	14.8/8.5/7.4	0.76	4.5	4.0	89.5	IE3
5.5/4 A	3	230/400/460	Y Δ	19.8/11.4/9.9	0.76	6.0	5.5	91.7	IE3
7.5/4 A	3	230/400/460	Y Δ	25.6/14.8/12.8	0.80	8.2	7.5	91.7	IE3
9/4 A	3	230/400/460	Y Δ	32.7/18.8/16.3	0.76	9.8	9.0	91.7	IE3
11/4 A	3	230/400/460	Y Δ	37.6/21.6/18.8	0.80	11.9	11.0	92.4	IE3
15/4 A	3	230/400/460	Y Δ	48.9/28.1/24.4	0.83	16.1	15.0	93.0	IE3

Overall dimensions and weight

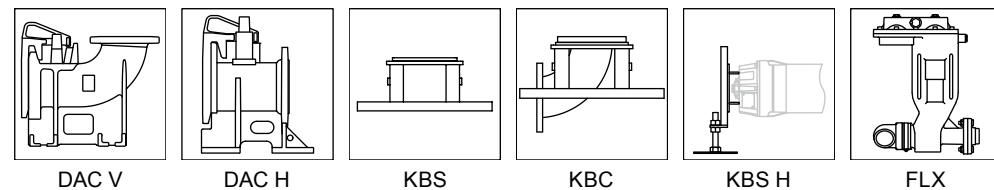


	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 100F 4/4 AW (D)	602	208	964	1040	124	100	407	225.0	294.0
MQB 100F 5.5/4 AW (D)	602	208	964	1040	124	100	407	229.0	298.0
MQB 100F 7.5/4 AW (D)	602	208	1040	1040	124	100	407	261.3	296.3
MQB 100F 9/4 AW (D)	602	208	1130	1130	124	100	407	282.3	315.3
MQB 100F 11/4 AW (D)	602	208	1181	1181	124	100	413	332.2	379.2
MQB 100F 15/4 AW (D)	602	208	1181	1181	124	100	413	347.2	394.2

(*) Weight for the DRY version includes cooling fluid

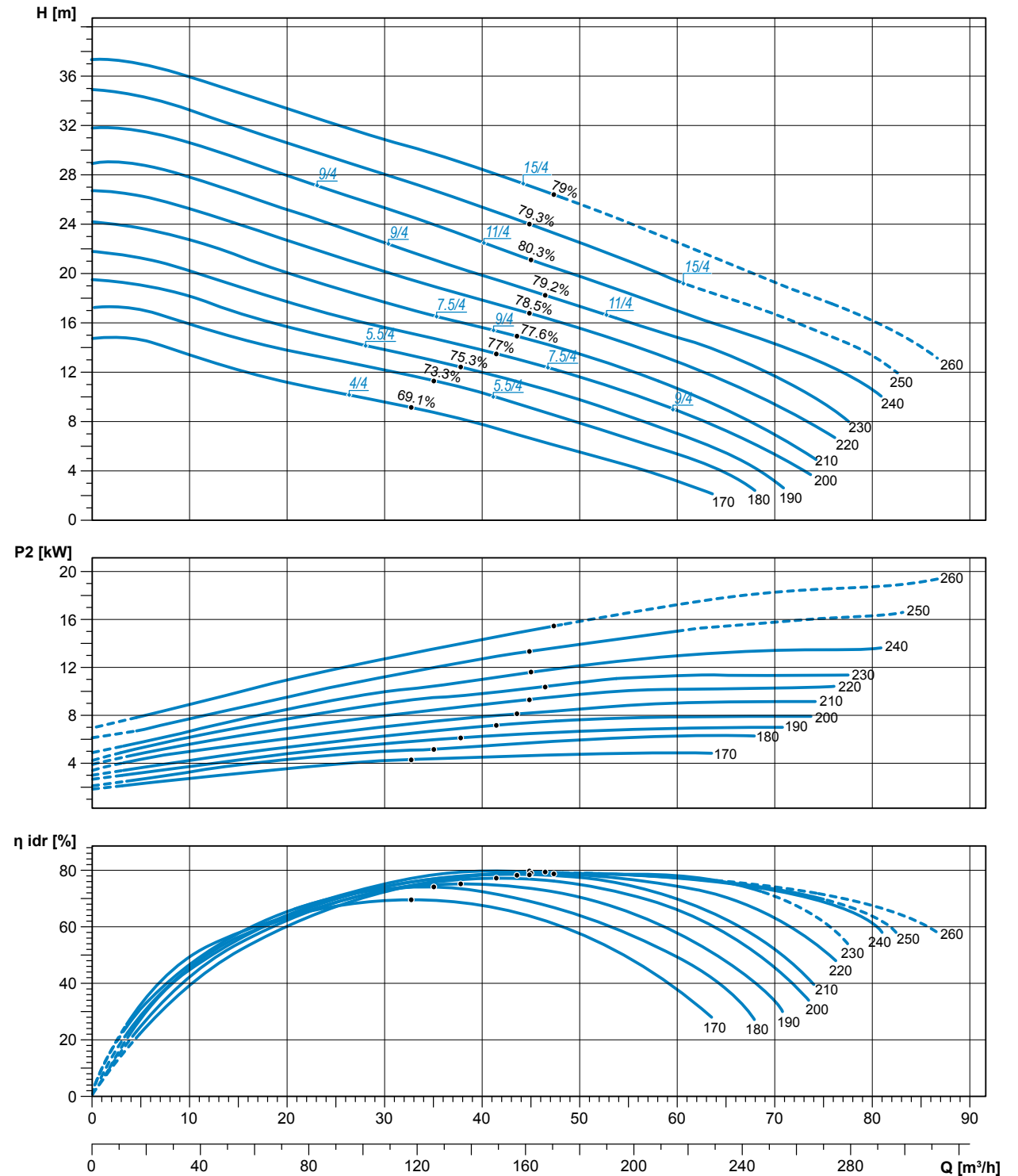
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQB 100J

30 - 37 kW - 2 poles

MQB 100J

Hydraulics

Open channel impeller

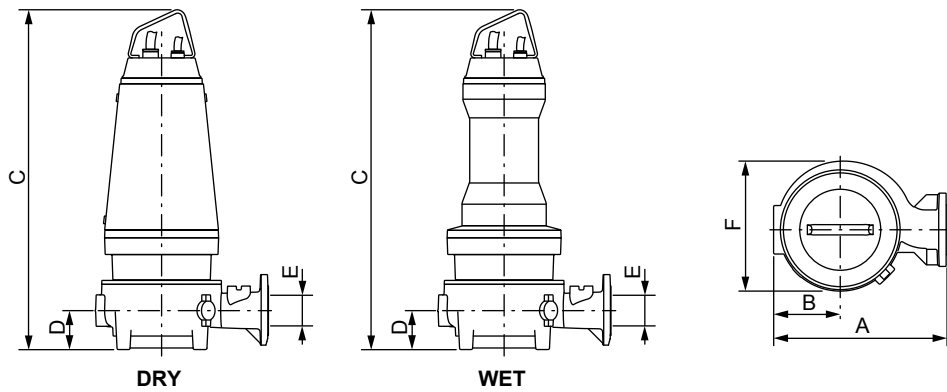
Free passage: 65 mm
 Discharge: DN100 - PN10-16 EN 1092-2
 Suction: DN100



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
30/2 A	3	230/400/460	Y Δ	90.2/51.9/45.1	0.90	32.5	30.0	92.4	IE3
37/2 H	3	230/400/460	Y Δ	110.2/63.4/55.1	0.90	40.0	37.0	92.4	IE2

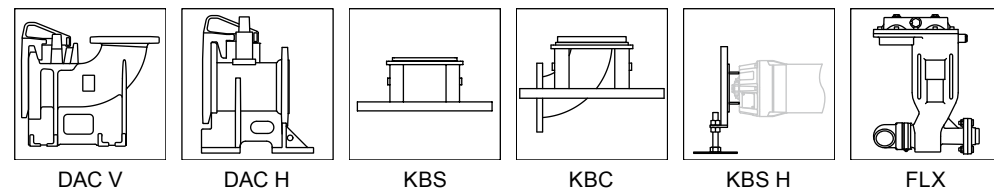
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 100J 30/2 AW (D)	602	208	1181	1181	124	100	413	333.8	380.8
MQB 100J 37/2 AW (D)	602	208	1181	1181	124	100	413	333.8	380.8

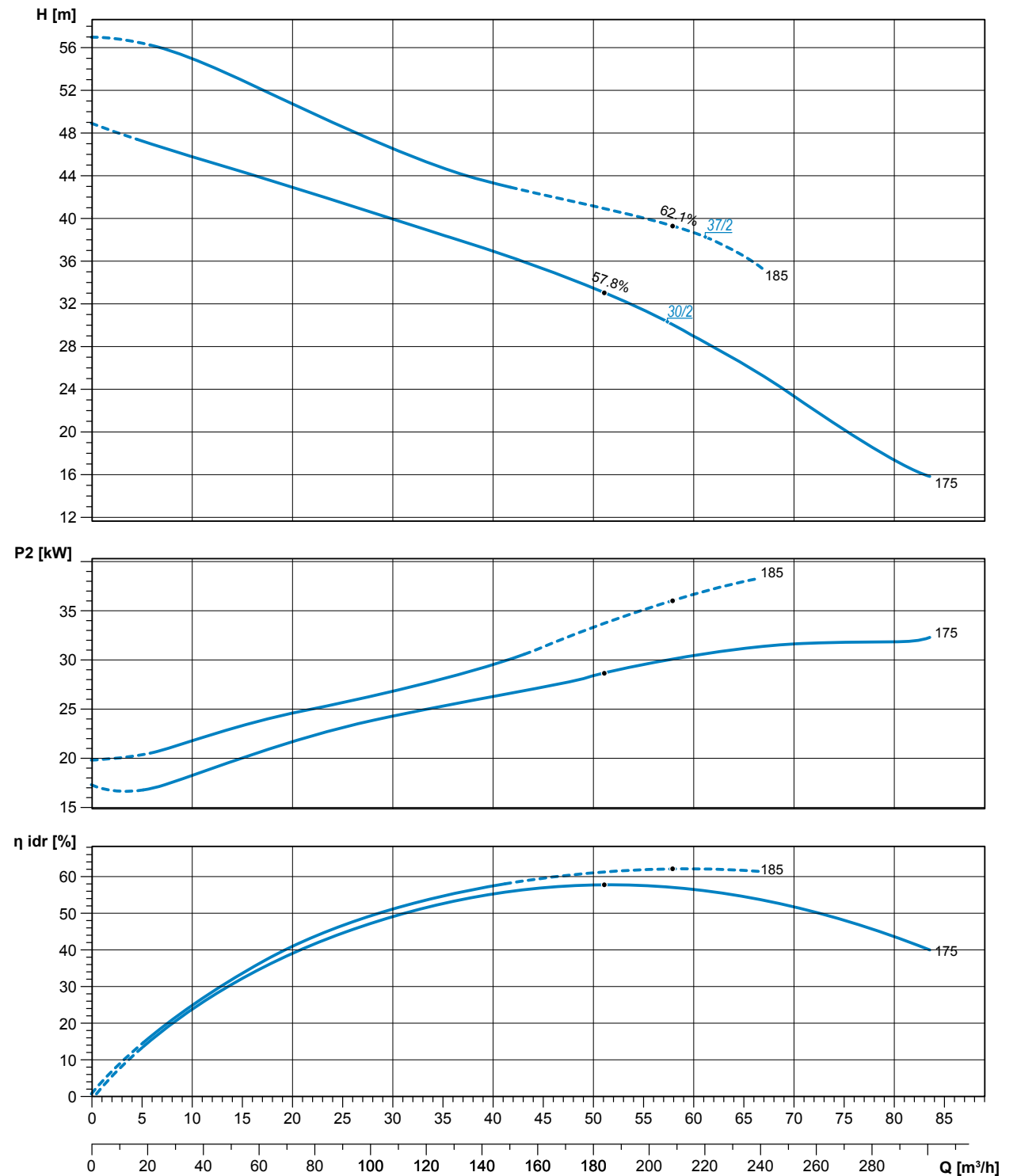
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

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 100J

3 - 11 kW - 4 poles

MQB 100J

Hydraulics

Open channel impeller

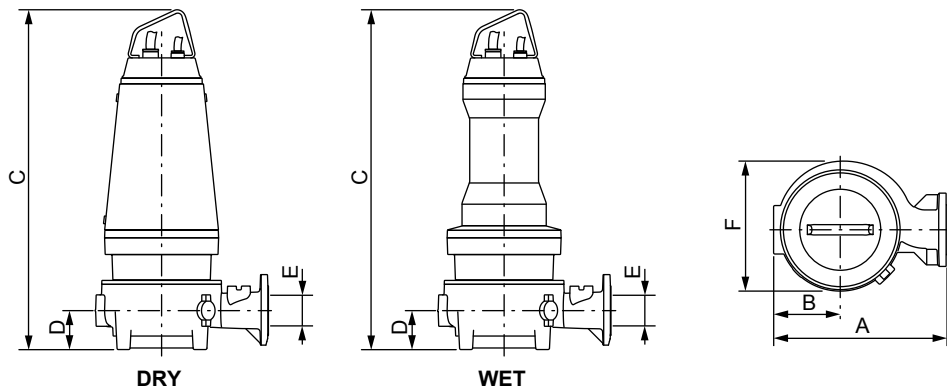
Free passage: 65 mm
 Discharge: DN100 - PN10-16 EN 1092-2
 Suction: DN100



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
3/4 A	3	230/400/460	Y Δ	11.6/6.7/5.8	0.73	3.5	3.0	89.5	IE3
4/4 A	3	230/400/460	Y Δ	14.8/8.5/7.4	0.76	4.5	4.0	89.5	IE3
5.5/4 A	3	230/400/460	Y Δ	19.8/11.4/9.9	0.76	6.0	5.5	91.7	IE3
7.5/4 A	3	230/400/460	Y Δ	25.6/14.8/12.8	0.80	8.2	7.5	91.7	IE3
9/4 A	3	230/400/460	Y Δ	32.7/18.8/16.3	0.76	9.8	9.0	91.7	IE3
11/4 A	3	230/400/460	Y Δ	37.6/21.6/18.8	0.80	11.9	11.0	92.4	IE3

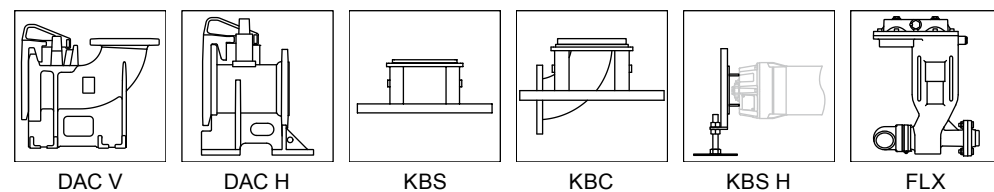
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 100J 3/4 AW	602	208	863	-	124	100	407	173.0	-
MQB 100J 4/4 AW (D)	602	208	964	1039	124	100	407	207.0	276.0
MQB 100J 5.5/4 AW (D)	602	208	964	1039	124	100	407	211.0	280.0
MQB 100J 7.5/4 AW (D)	602	208	1039	1039	124	100	407	243.3	278.3
MQB 100J 9/4 AW (D)	602	208	1130	1130	124	100	407	264.3	297.3
MQB 100J 11/4 AW (D)	602	208	1181	1181	124	100	413	315.2	361.2

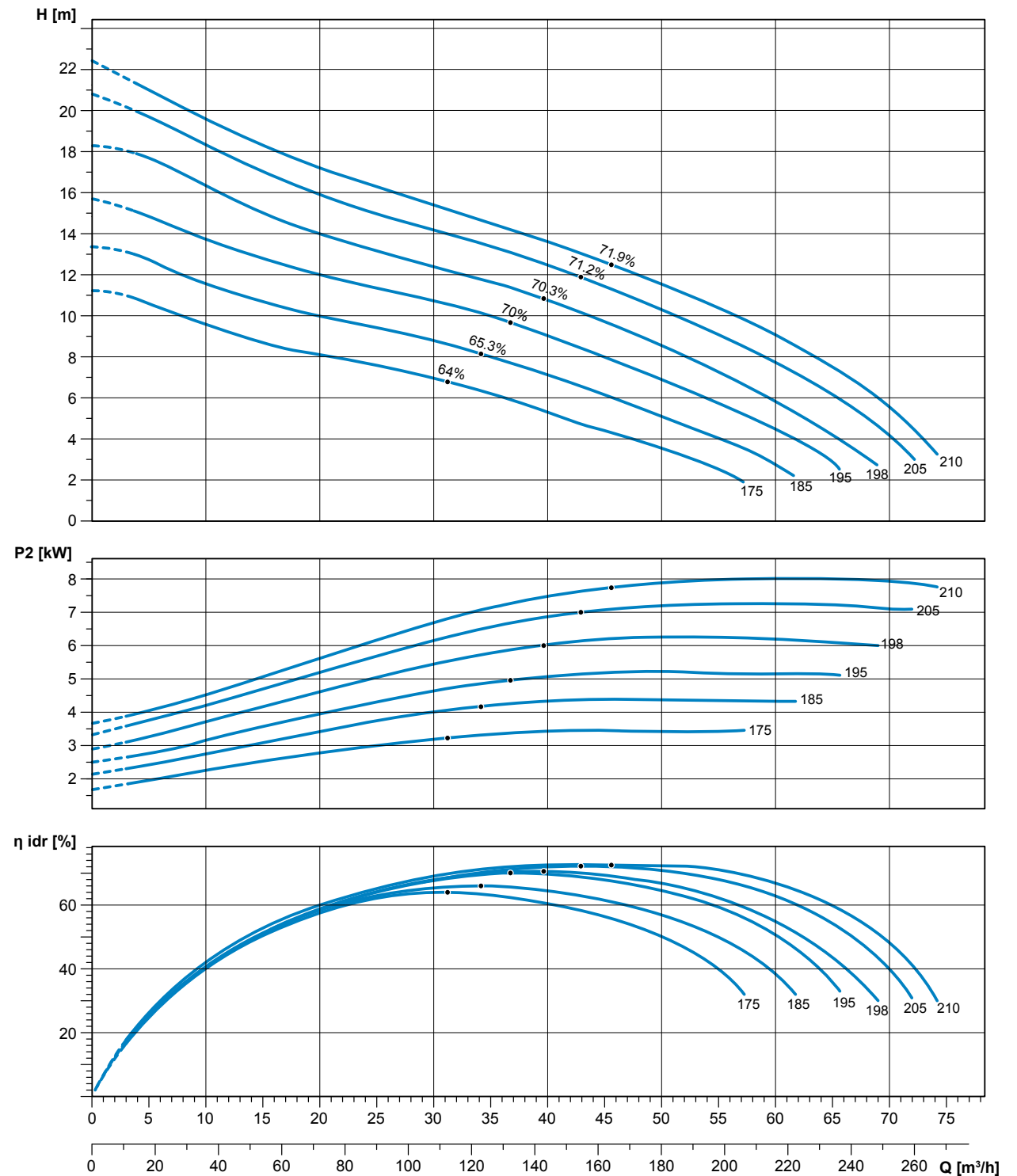
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

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 100K

7.5 - 11 kW - 2 poles

MQB 100K

Hydraulics

Open channel impeller

Free passage: 65 x 60 mm

Discharge: DN100 - PN10-16 EN 1092-2

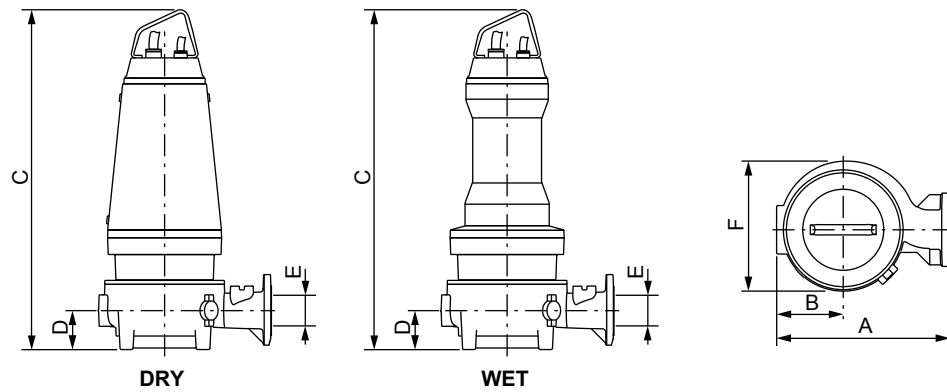
Suction: DN150



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7.5/2 B	3	230/400/460	Y Δ	24.8/14.2/12.4	0.84	8.3	7.5	90.2	IE3
9/2 B	3	230/400/460	Y Δ	29.3/16.8/14.6	0.85	9.9	9.0	91.0	IE3
11/2 B	3	230/400/460	Y Δ	36.8/21.2/18.4	0.82	12.1	11.0	91.1	IE3

Overall dimensions and weight

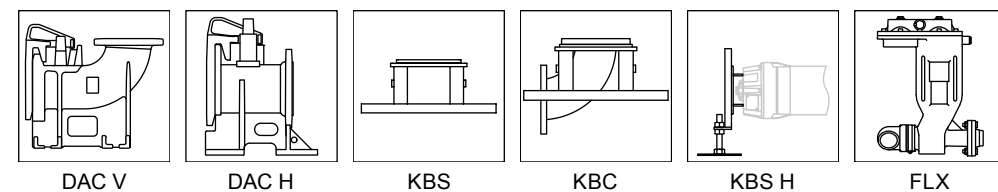


	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 100K 7.5/2 BW	413	160	854	-	103	100	316	114.0	-
MQB 100K 9/2 BW	413	160	854	-	103	100	316	117.0	-
MQB 100K 11/2 BW	413	160	854	-	103	100	316	120.0	-

(+) Weight for the DRY version includes cooling fluid

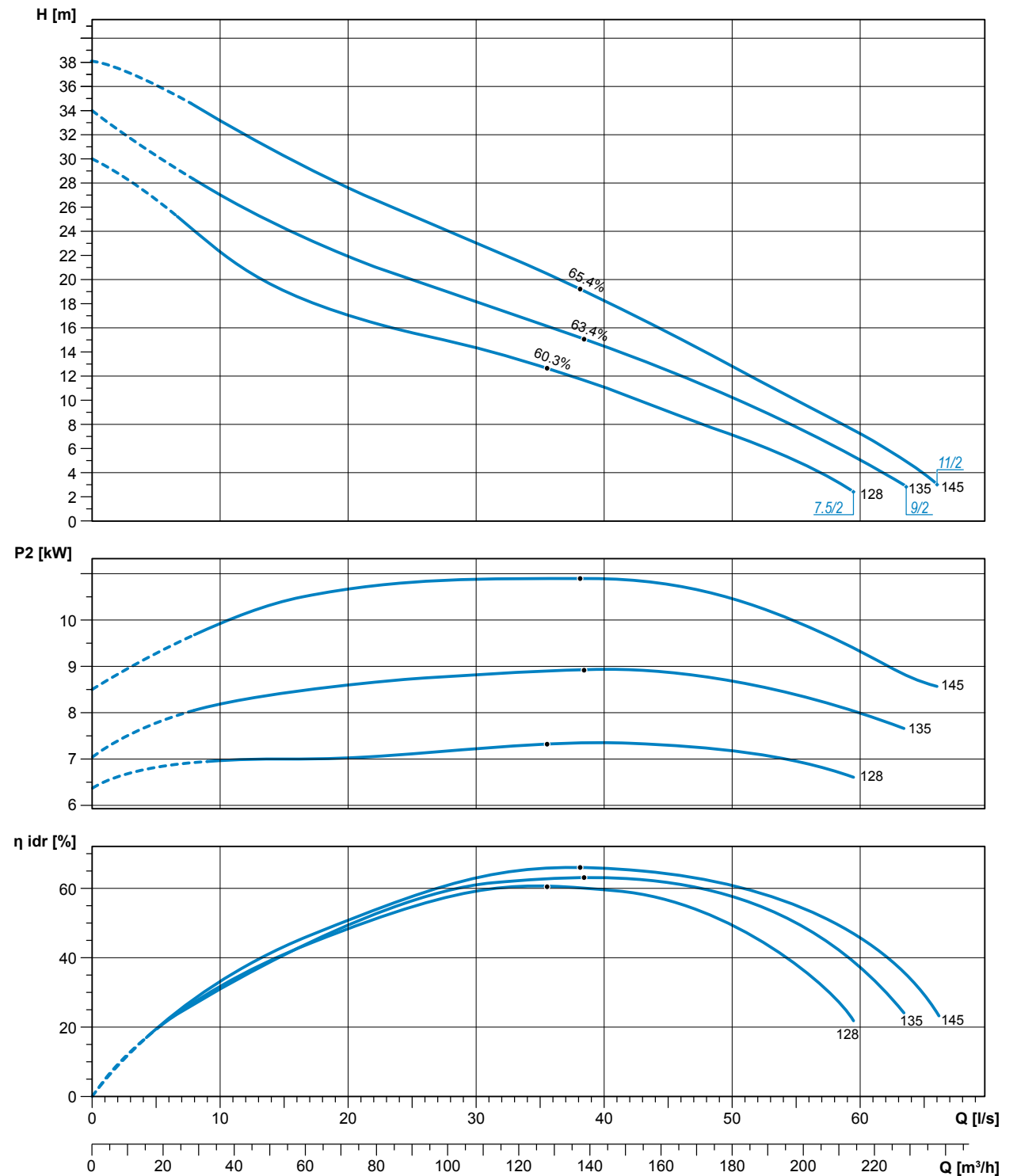
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

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

MQB 100K

1.1 - 2.2 kW - 4 poles

MQB 100K

Hydraulics

Open channel impeller

Free passage: 65 x 60 mm

Discharge: DN100 - PN10-16 EN 1092-2

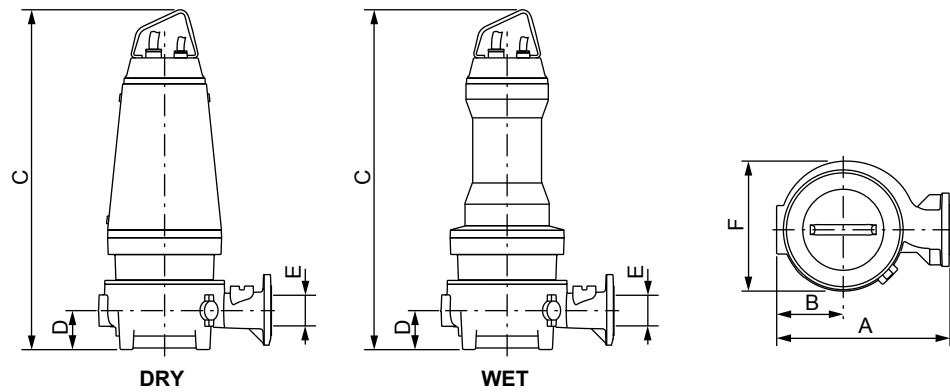
Suction: DN150



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
1.1/4 B	3	230/400/460	Y Δ	4.8/2.7/2.4	0.67	1.3	1.1	86.5	IE3
1.5/4 B	3	230/400/460	Y Δ	6.6/1.7/3.3	0.66	3.8	1.5	86.5	IE3
2.2/4 B	3	230/400/460	Y Δ	8.2/4.7/4.1	0.75	2.5	2.2	89.5	IE3

Overall dimensions and weight

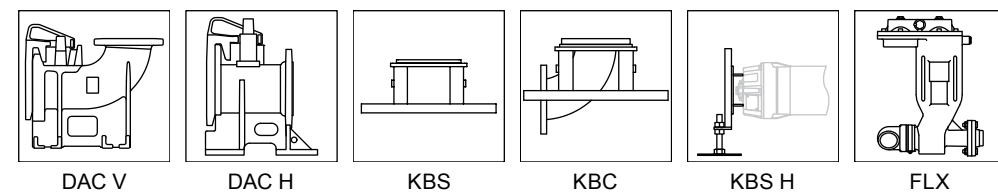


	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 100K 1.1/4 BW	413	160	652	-	103	100	316	55.0	-
MQB 100K 1.5/4 BW	413	160	652	-	103	100	316	56.0	-
MQB 100K 2.2/4 BW	413	160	711	-	103	100	316	79.0	-

(+) Weight for the DRY version includes cooling fluid

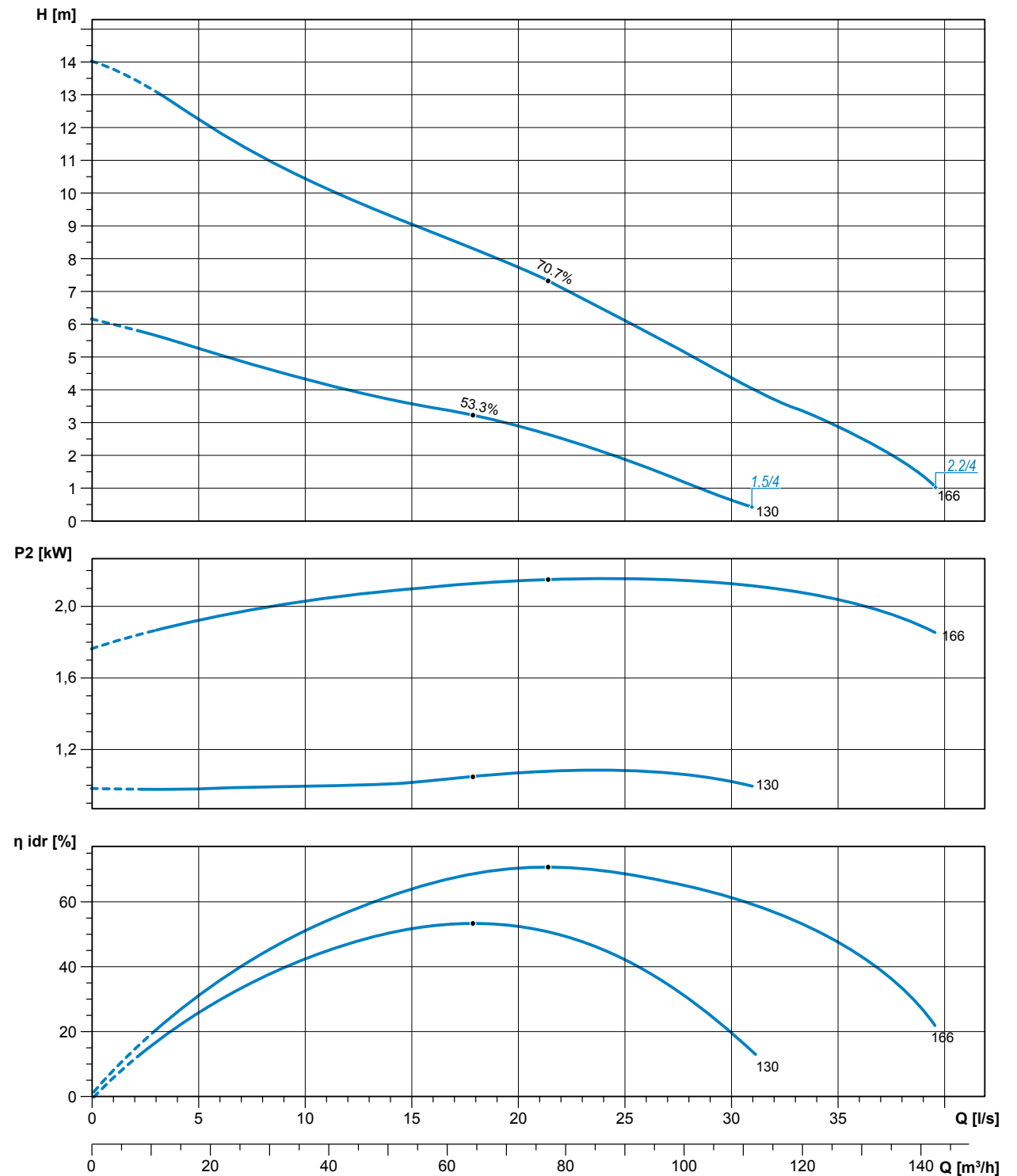
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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 100L

7.5 - 15 kW - 4 poles

MQB 100L

Hydraulics

Open channel impeller

Free passage: 60 mm

Discharge: DN100 - PN10-16 EN 1092-2

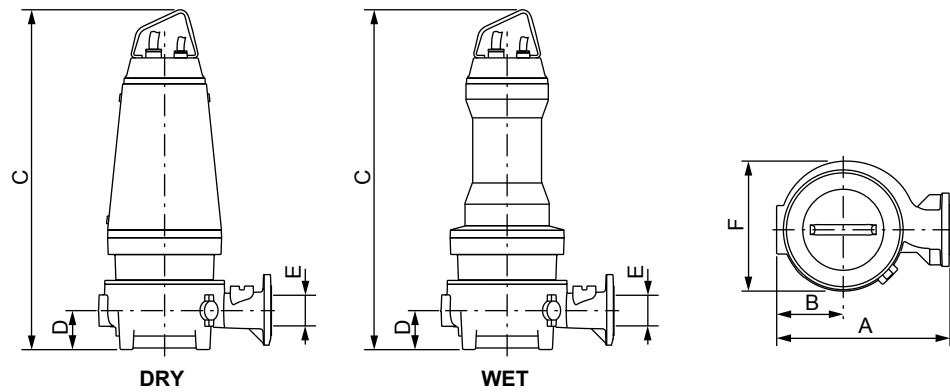
Suction: DN100



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7.5/4 A	3	230/400/460	Y Δ	25.6/14.8/12.8	0.80	8.2	7.5	91.7	IE3
9/4 A	3	230/400/460	Y Δ	32.7/18.8/16.3	0.76	9.8	9.0	91.7	IE3
11/4 A	3	230/400/460	Y Δ	37.6/21.6/18.8	0.80	11.9	11.0	92.4	IE3
15/4 A	3	230/400/460	Y Δ	48.9/28.1/24.4	0.83	16.1	15.0	93.0	IE3

Overall dimensions and weight

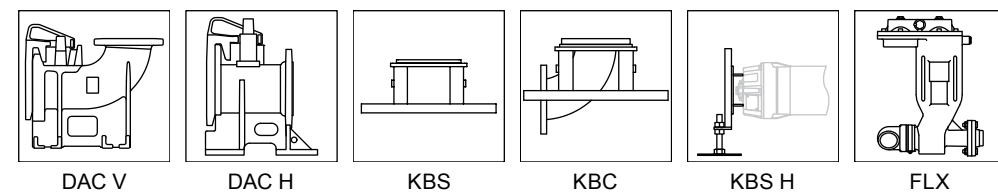


	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 100L 7.5/4 AW (D)	548	208	1025	1115	124	100	414	235.3	270.3
MQB 100L 9/4 AW (D)	548	208	1115	1115	124	100	414	256.3	289.3
MQB 100L 11/4 AW (D)	548	208	1166	1166	124	100	414	307.2	353.2
MQB 100L 15/4 AW (D)	548	208	1166	1166	124	100	414	321.2	368.2

(*) Weight for the DRY version includes cooling fluid

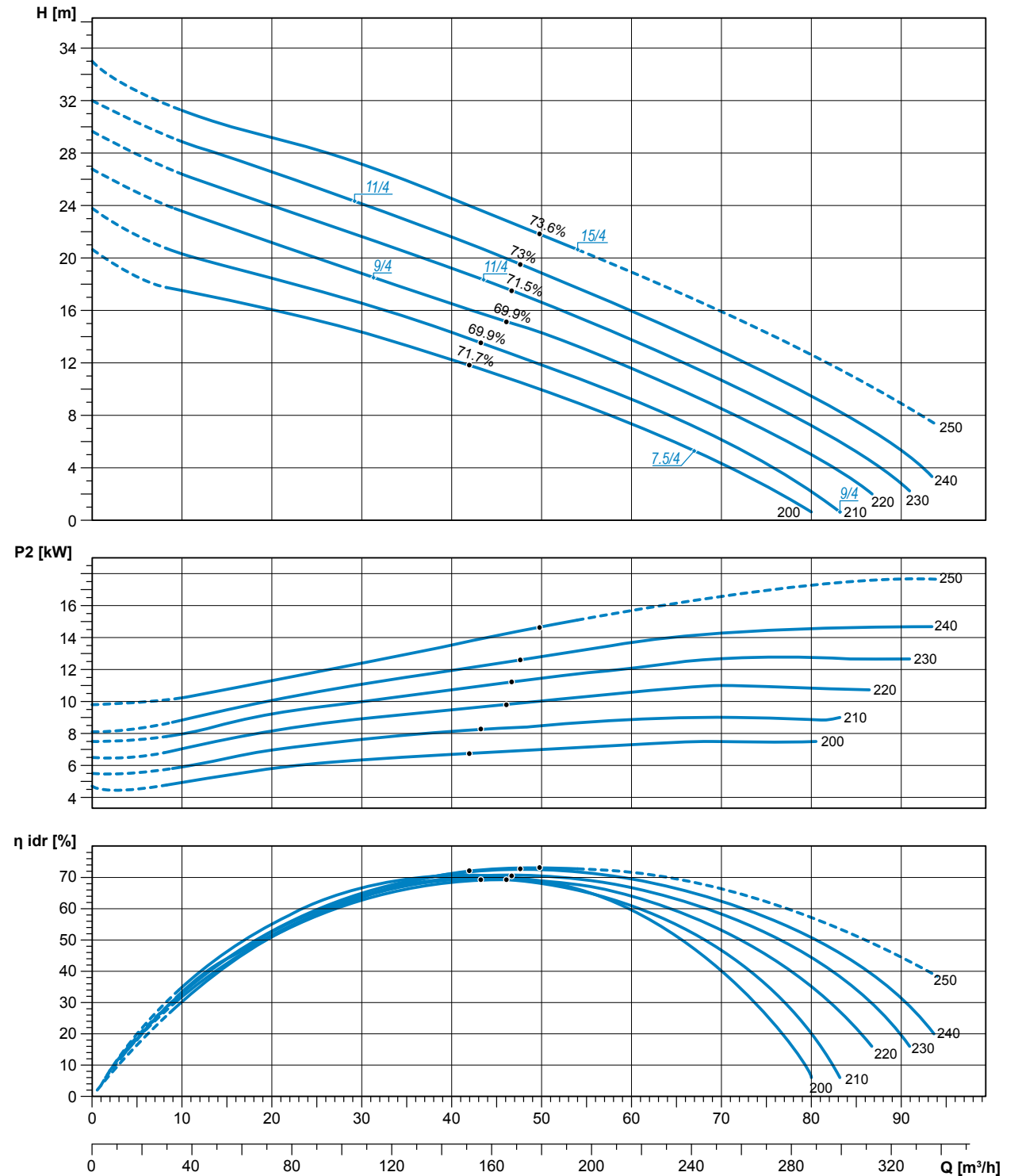
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

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 150A

15 kW - 4 poles

MQB 150A

Hydraulics

Open channel impeller

Free passage: 80 mm

Discharge: DN150 - PN10-16 EN 1092-2

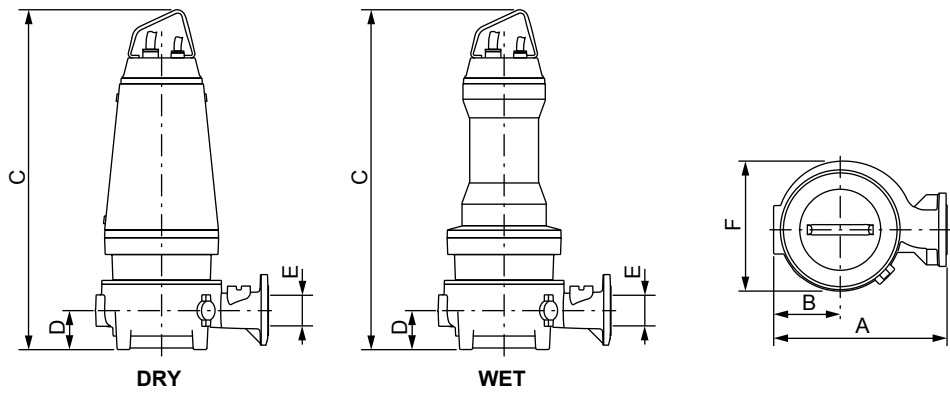
Suction: DN150



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
15/4 A	3	230/400/460	Y Δ	48.9/28.1/24.4	0.83	16.1	15.0	93.0	IE3

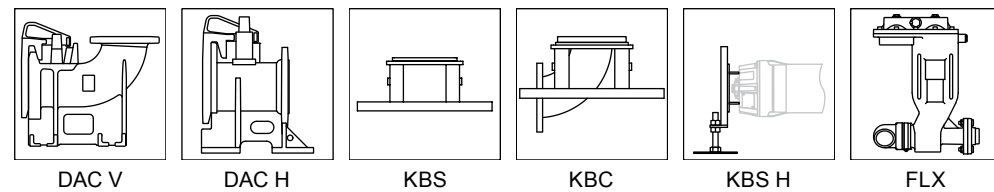
Overall dimensions and weight



MQB 150A 15/4 AW (D)	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)

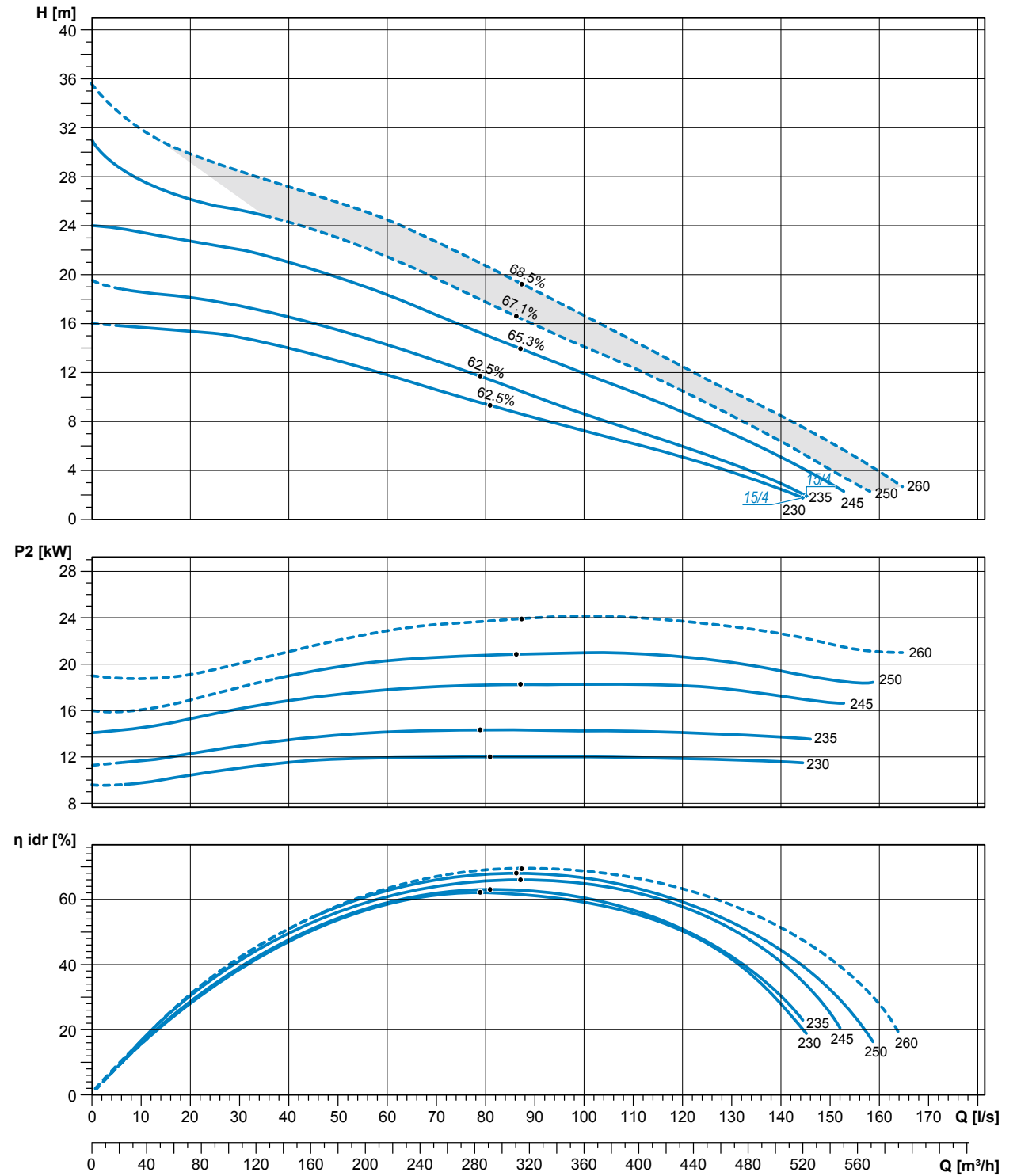
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQB 150D

5.5 - 15 kW - 4 poles

MQB 150D

Hydraulics

Open channel impeller

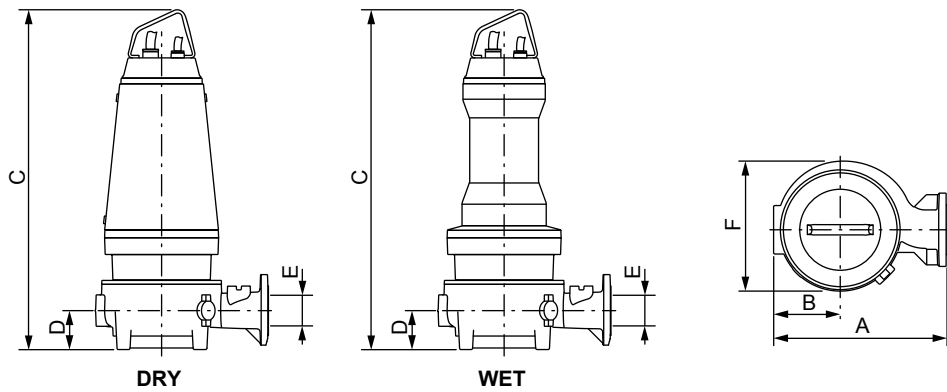
Free passage: 80 mm
 Discharge: DN150 - PN10-16 EN 1092-2
 Suction: DN150



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
5.5/4 A	3	230/400/460	Y Δ	19.8/11.4/9.9	0.76	6.0	5.5	91.7	IE3
7.5/4 A	3	230/400/460	Y Δ	25.6/14.8/12.8	0.80	8.2	7.5	91.7	IE3
9/4 A	3	230/400/460	Y Δ	32.7/18.8/16.3	0.76	9.8	9.0	91.7	IE3
11/4 A	3	230/400/460	Y Δ	37.6/21.6/18.8	0.80	11.9	11.0	92.4	IE3
15/4 A	3	230/400/460	Y Δ	48.9/28.1/24.4	0.83	16.1	15.0	93.0	IE3

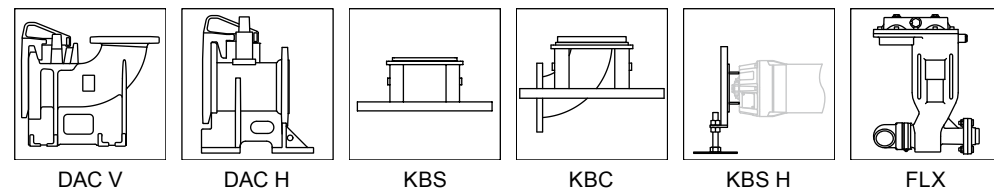
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 150D 5.5/4 AW (D)	612	222	955	1031	130	150	448	251.4	284.4
MQB 150D 7.5/4 AW (D)	612	222	1031	1031	130	150	448	247.7	282.7
MQB 150D 9/4 AW (D)	612	222	1121	1172	130	150	448	268.7	301.7
MQB 150D 11/4 AW (D)	612	222	1172	1172	130	150	448	319.6	365.6
MQB 150D 15/4 AW (D)	612	222	1172	1172	130	150	448	333.6	380.6

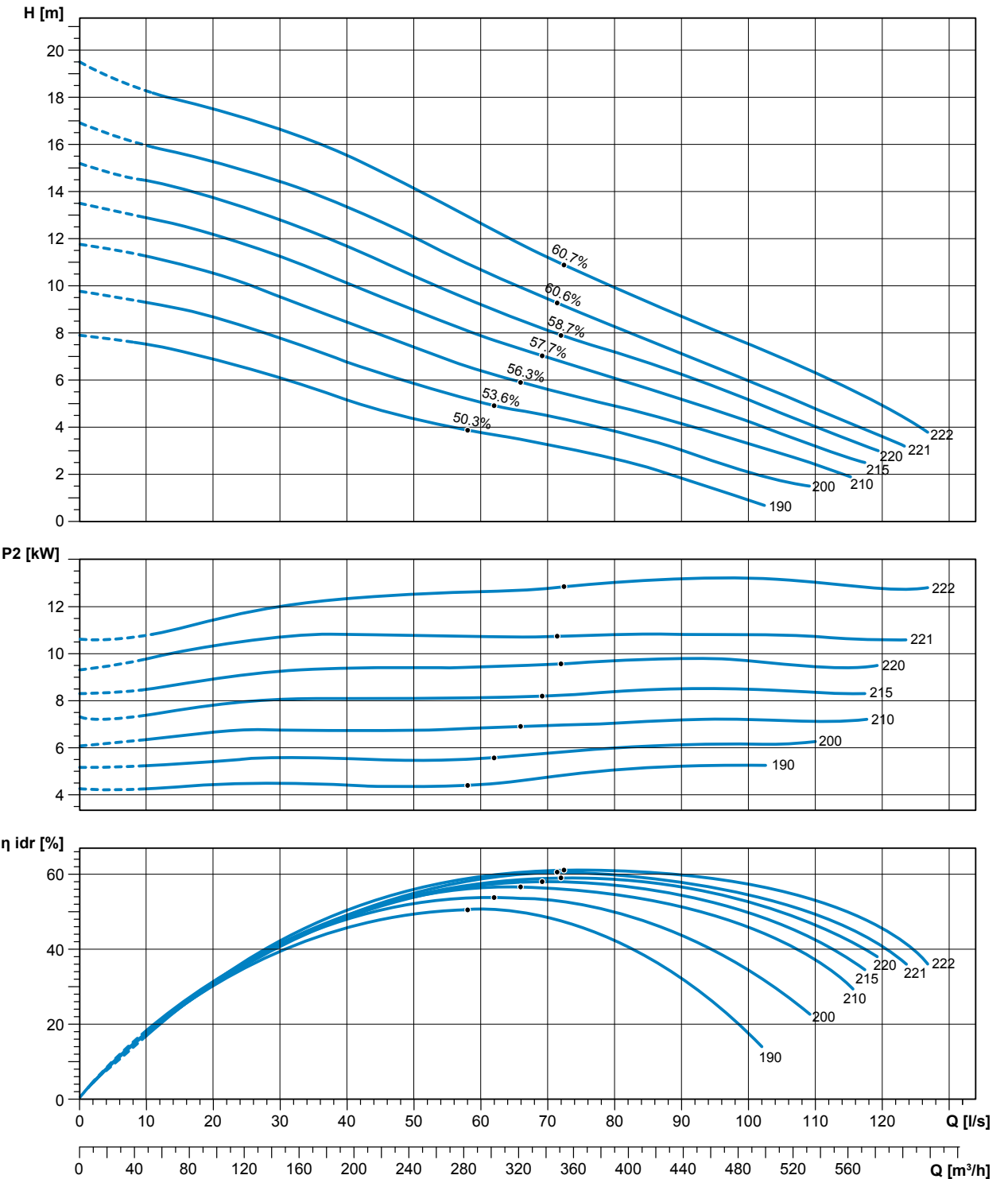
(*) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

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

MQB 150F

9 - 13 kW - 6 poles

MQB 150F

Hydraulics

Open channel impeller

Free passage: 80 mm

Discharge: DN150 - PN10-16 EN 1092-2

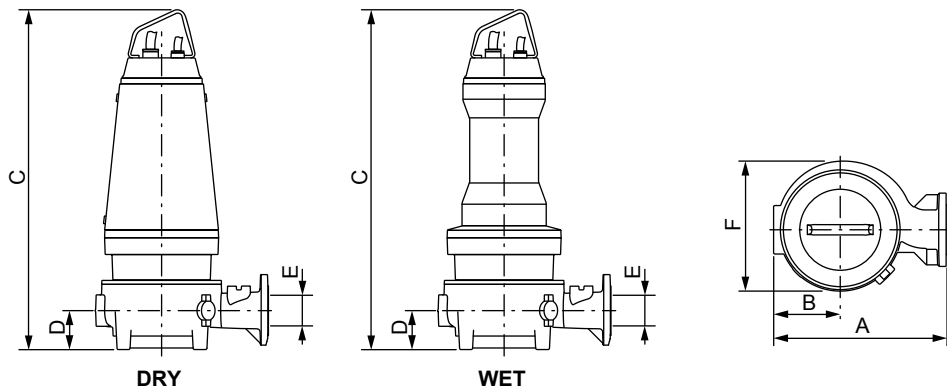
Suction: DN200



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
9/6 A	3	230/400/460	Y Δ	35.4/20.4/17.7	0.70	9.9	9.0	91.3	IE3
11/6 A	3	230/400/460	Y Δ	42.1/24.2/21.0	0.73	12.0	11.0	91.9	IE3
13/6 H	3	230/400/460	Y Δ	46.0/26.5/23.0	0.79	14.4	13.0	90.2	IE2

Overall dimensions and weight

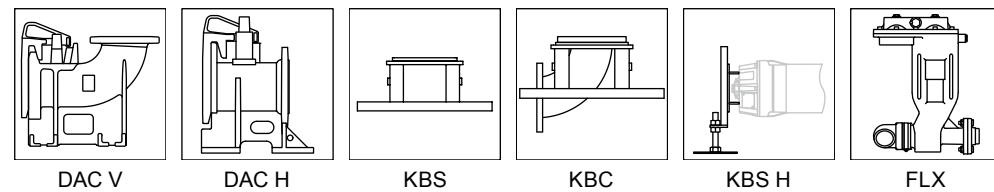


	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 150F 9/6 AW (D)	650	255	1235	1235	170	150	505	322.7	369.7
MQB 150F 11/6 AW (D)	650	255	1235	1235	170	150	505	333.0	380.0
MQB 150F 13/6 HW (D)	650	255	1235	1235	170	150	505	333.0	380.0

(+) Weight for the DRY version includes cooling fluid

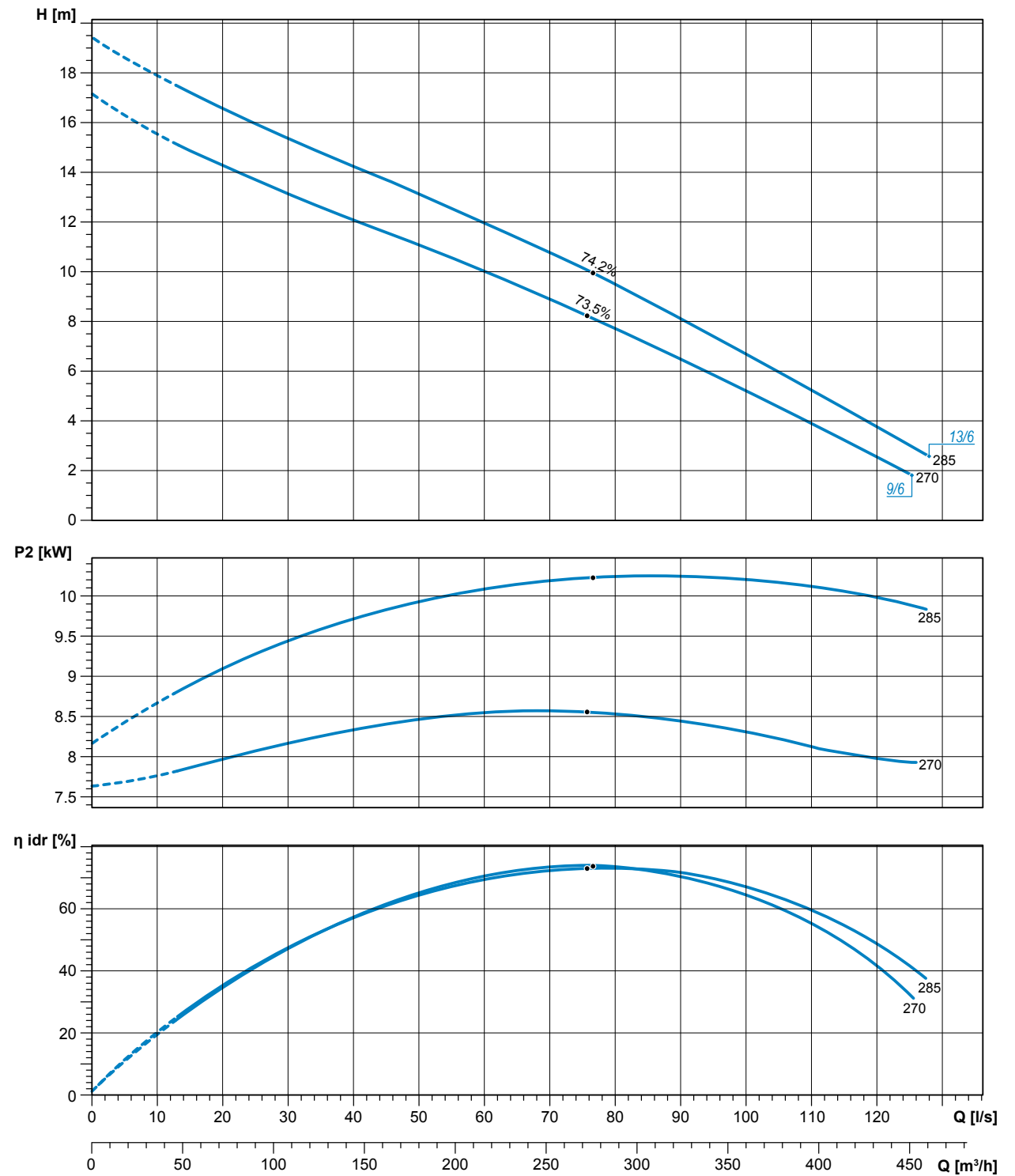
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

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

MQB 150N

7.5 - 15 kW - 4 poles

MQB 150N

Hydraulics

Open channel impeller

Free passage: 80 mm

Discharge: DN150 - PN10-16 EN 1092-2

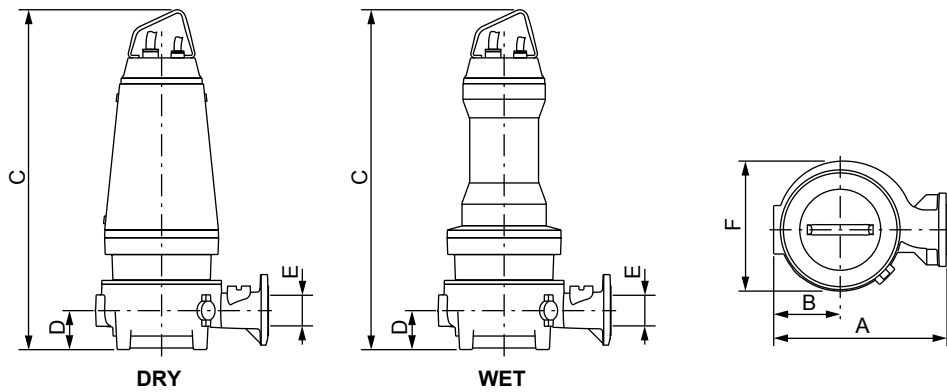
Suction: DN150



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7.5/4 A	3	230/400/460	Y Δ	25.6/14.8/12.8	0.80	8.2	7.5	91.7	IE3
9/4 A	3	230/400/460	Y Δ	32.7/18.8/16.3	0.76	9.8	9.0	91.7	IE3
11/4 A	3	230/400/460	Y Δ	37.6/21.6/18.8	0.80	11.9	11.0	92.4	IE3
15/4 A	3	230/400/460	Y Δ	48.9/28.1/24.4	0.83	16.1	15.0	93.0	IE3

Overall dimensions and weight

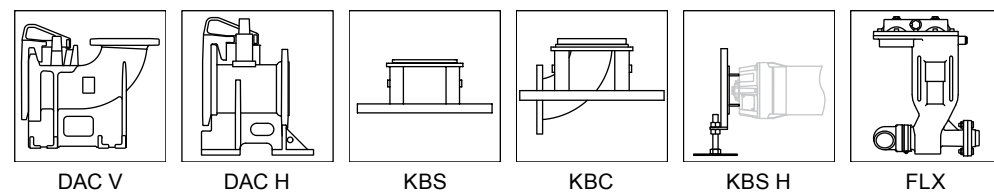


	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 150N 7.5/4 AW (D)	612	222	1032	1032	130	150	448	249.3	284.3
MQB 150N 9/4 AW (D)	612	222	1032	1122	130	150	448	270.3	303.3
MQB 150N 11/4 AW (D)	612	222	1175	1175	130	150	448	321.2	367.2
MQB 150N 15/4 AW (D)	612	222	1175	1175	130	150	448	335.2	382.2

(*) Weight for the DRY version includes cooling fluid

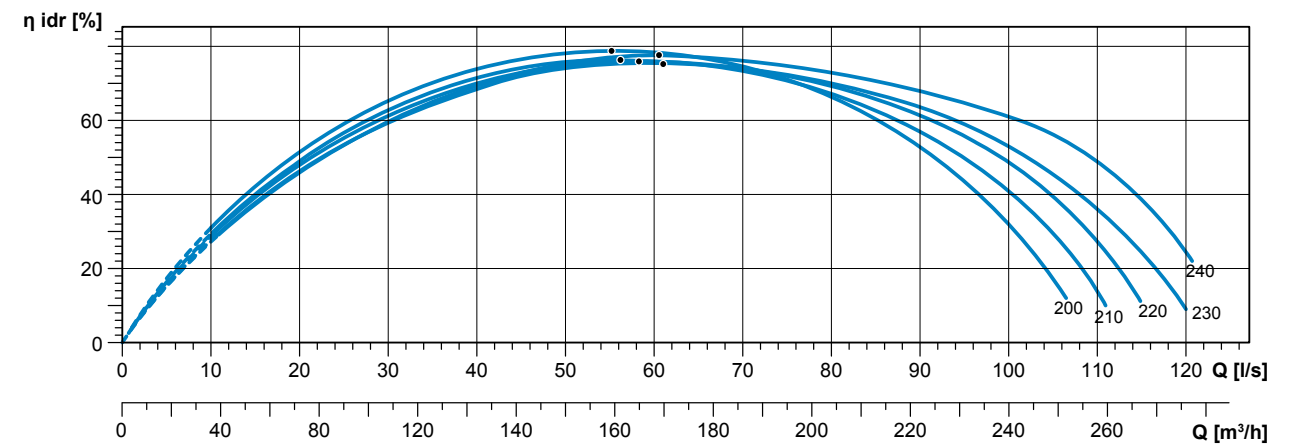
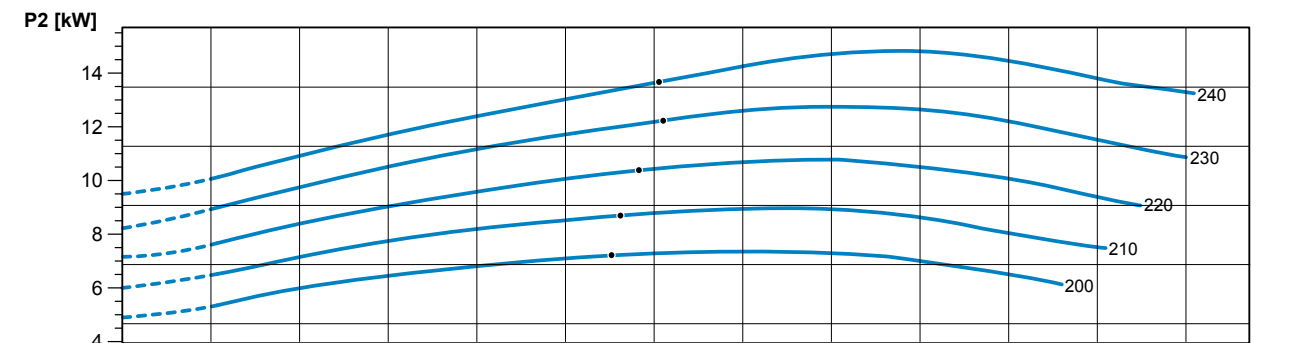
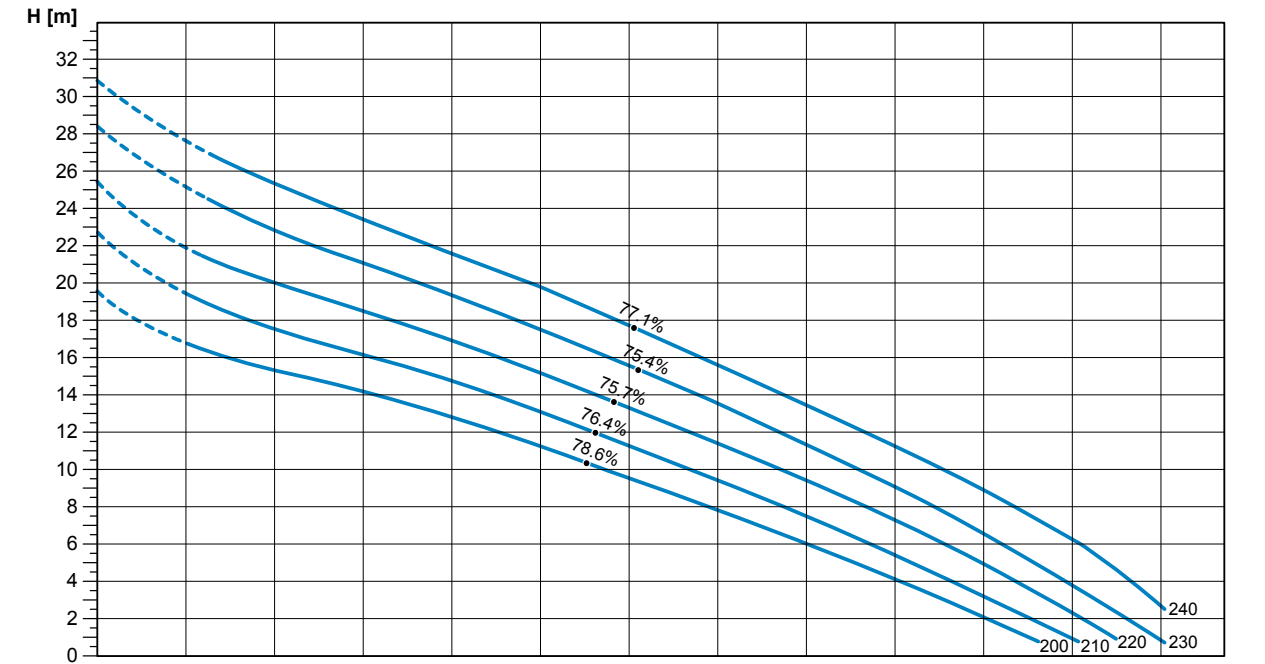
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

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 200B

7.5 - 13 kW - 6 poles

MQB 200B

Hydraulics

Open channel impeller

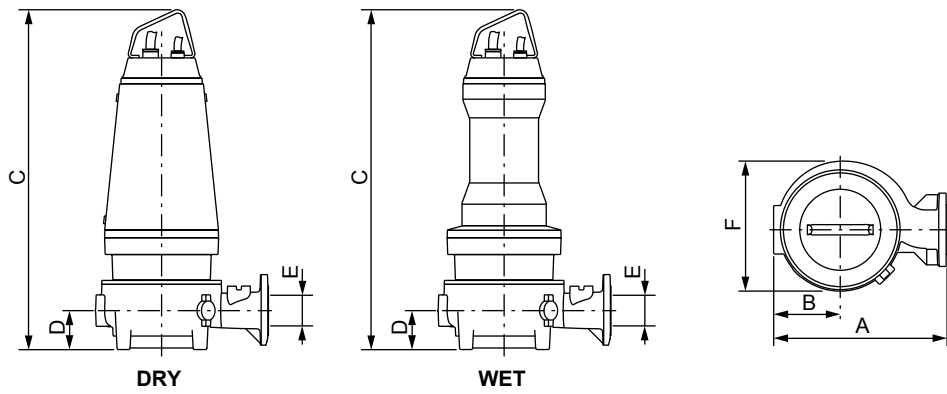
Free passage: 80 mm
 Discharge: DN200 - PN10 EN 1092-2
 Suction: DN200



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7.5/6 A	3	230/400/460	Y Δ	29.0/16.7/14.5	0.72	8.2	7.5	91.0	IE3
9/6 A	3	230/400/460	Y Δ	35.4/20.4/17.7	0.70	9.9	9.0	91.3	IE3
11/6 A	3	230/400/460	Y Δ	42.1/24.2/21.0	0.73	12.0	11.0	91.9	IE3
13/6 H	3	230/400/460	Y Δ	46.0/26.5/23.0	0.79	14.4	13.0	90.2	IE2

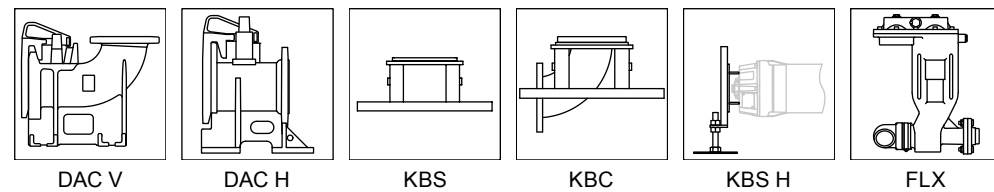
Overall dimensions and weight



	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	325.0	372.0
MQB 200B 9/6 AW (D)	692	273	1233	1233	172	200	540	332.7	379.7
MQB 200B 11/6 AW (D)	692	273	1233	1233	172	200	540	343.0	390.0
MQB 200B 13/6 HW (D)	692	273	1233	1233	172	200	540	343.0	390.0

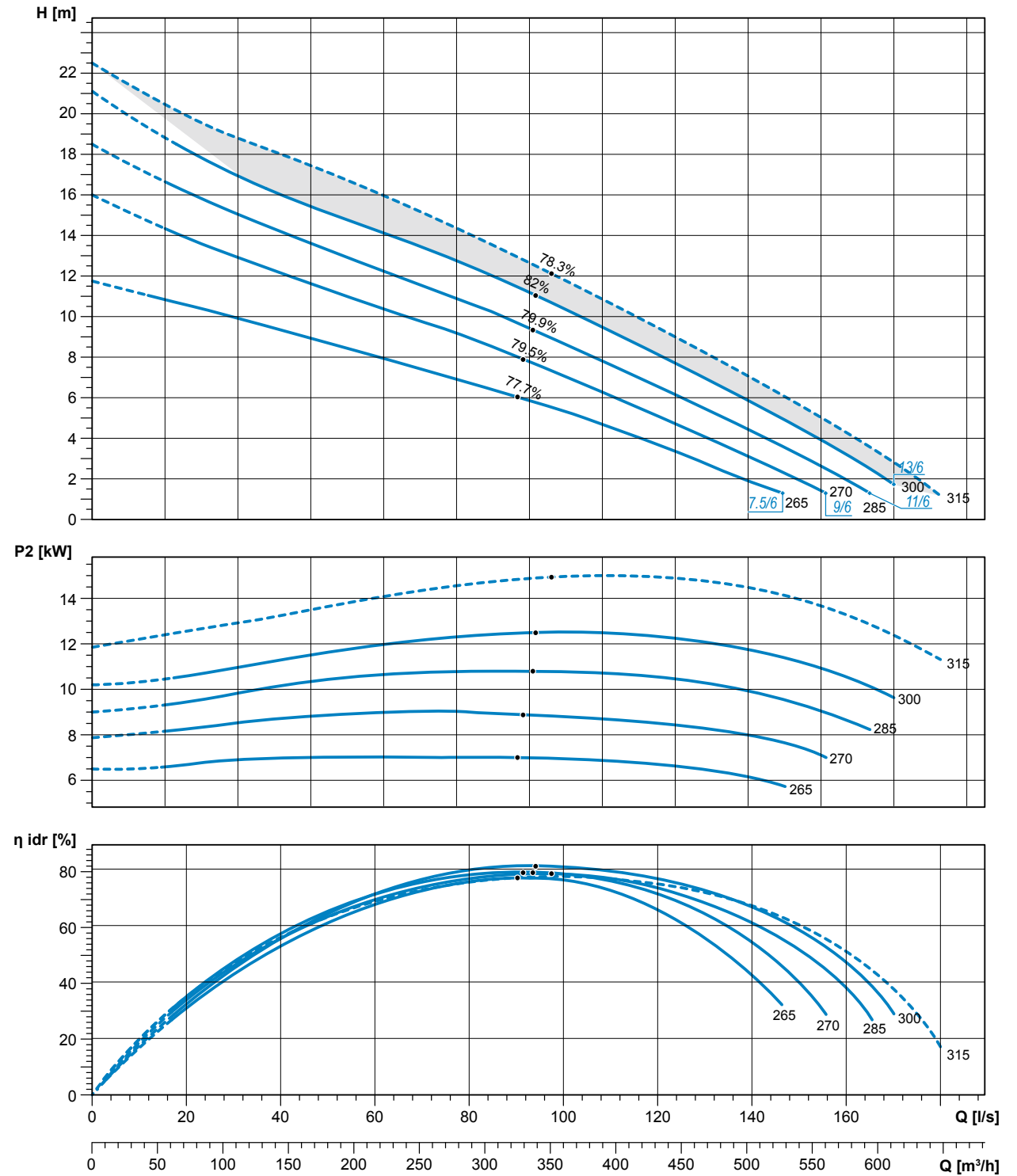
(*) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

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

MQB 250C

9 - 13 kW - 6 poles

MQB 250C

Hydraulics

Open channel impeller

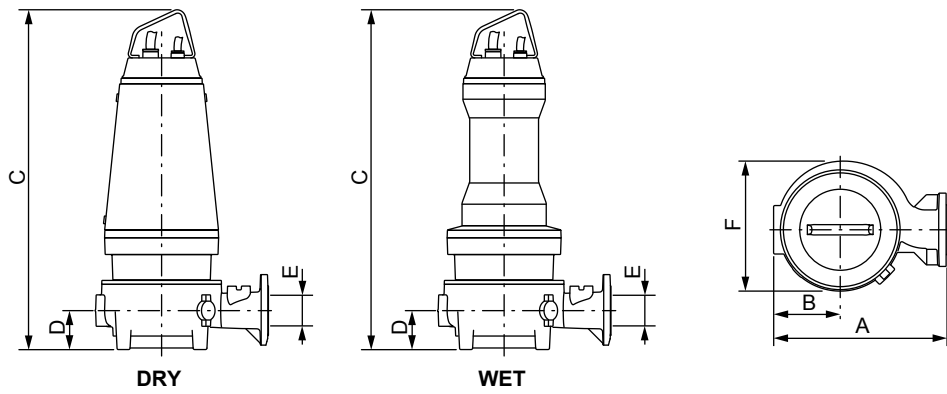
Free passage: 100x70 mm
 Discharge: DN250 - PN10 EN 1092-2
 Suction: DN250



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
9/6 A	3	230/400/460	Y Δ	35.4/20.4/17.7	0.70	9.9	9.0	91.3	IE3
11/6 A	3	230/400/460	Y Δ	42.1/24.2/21.0	0.73	12.0	11.0	91.9	IE3
13/6 H	3	230/400/460	Y Δ	46.0/26.5/23.0	0.79	14.4	13.0	90.2	IE2

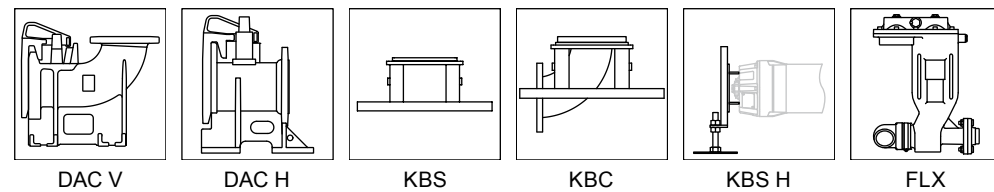
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQB 250C 9/6 AW (D)	808	334	1265	1265	203	250	609	390.0	437.0
MQB 250C 11/6 AW (D)	808	334	1265	1265	203	250	609	400.3	447.3
MQB 250C 13/6 HW (D)	808	334	1265	1265	203	250	609	400.3	447.3

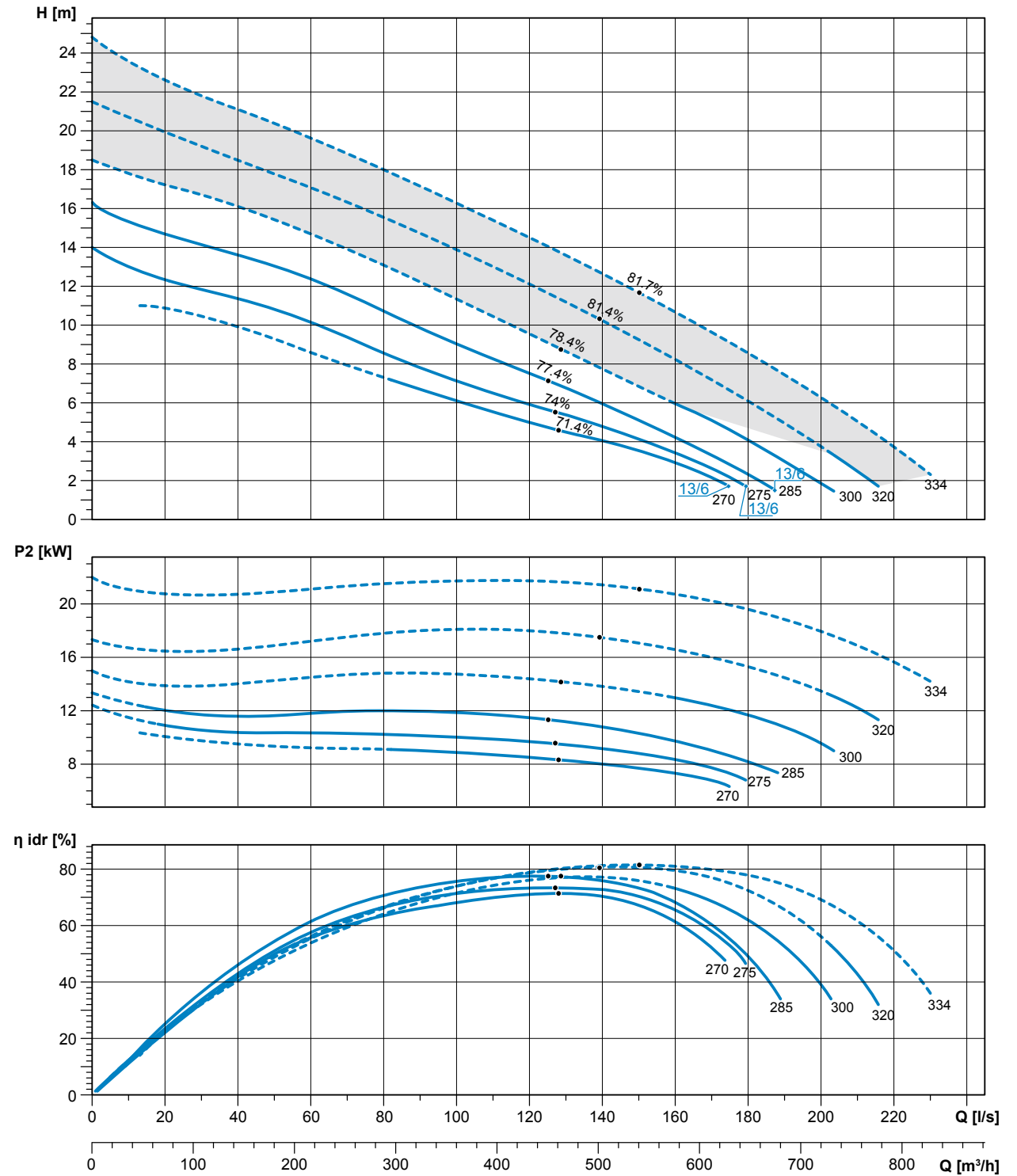
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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 - 11 kW - 2 poles

MQU 065A

Hydraulics

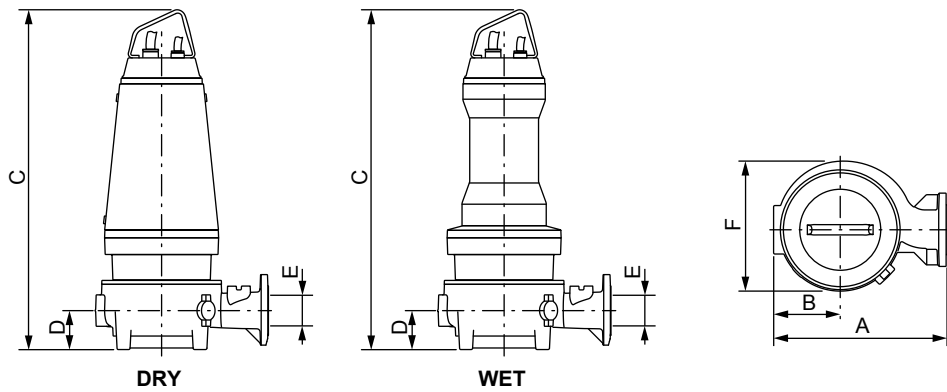
Vortex impeller
 Free passage: 65 mm
 Discharge: DN65 - PN10-16 EN 1092-2
 Suction: DN65



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
4/2 A	3	230/400/460	Y Δ	13.5/7.7/6.8	0.84	4.5	4.0	88.5	IE3
5.5/2 A	3	230/400/460	Y Δ	17.8/10.2/8.9	0.87	6.1	5.5	89.6	IE3
7.5/2 A	3	230/400/460	Y Δ	24.8/14.3/12.4	0.84	8.3	7.5	90.2	IE3
9/2 A	3	230/400/460	Y Δ	29.3/16.8/14.6	0.85	9.9	9.0	91.0	IE3
11/2 A	3	230/400/460	Y Δ	36.8/21.2/18.4	0.82	12.1	11.0	91.1	IE3

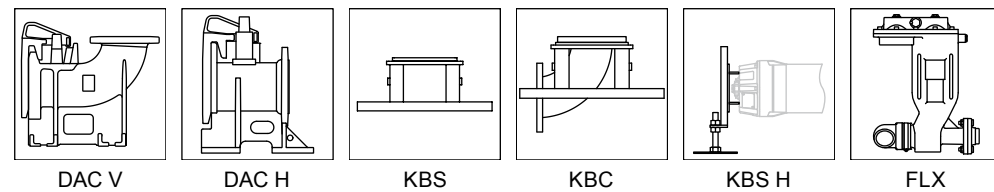
Overall dimensions and weight



	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	-
MQU 065A 11/2 AW	325	140	945	-	90	65	285	145.5	-

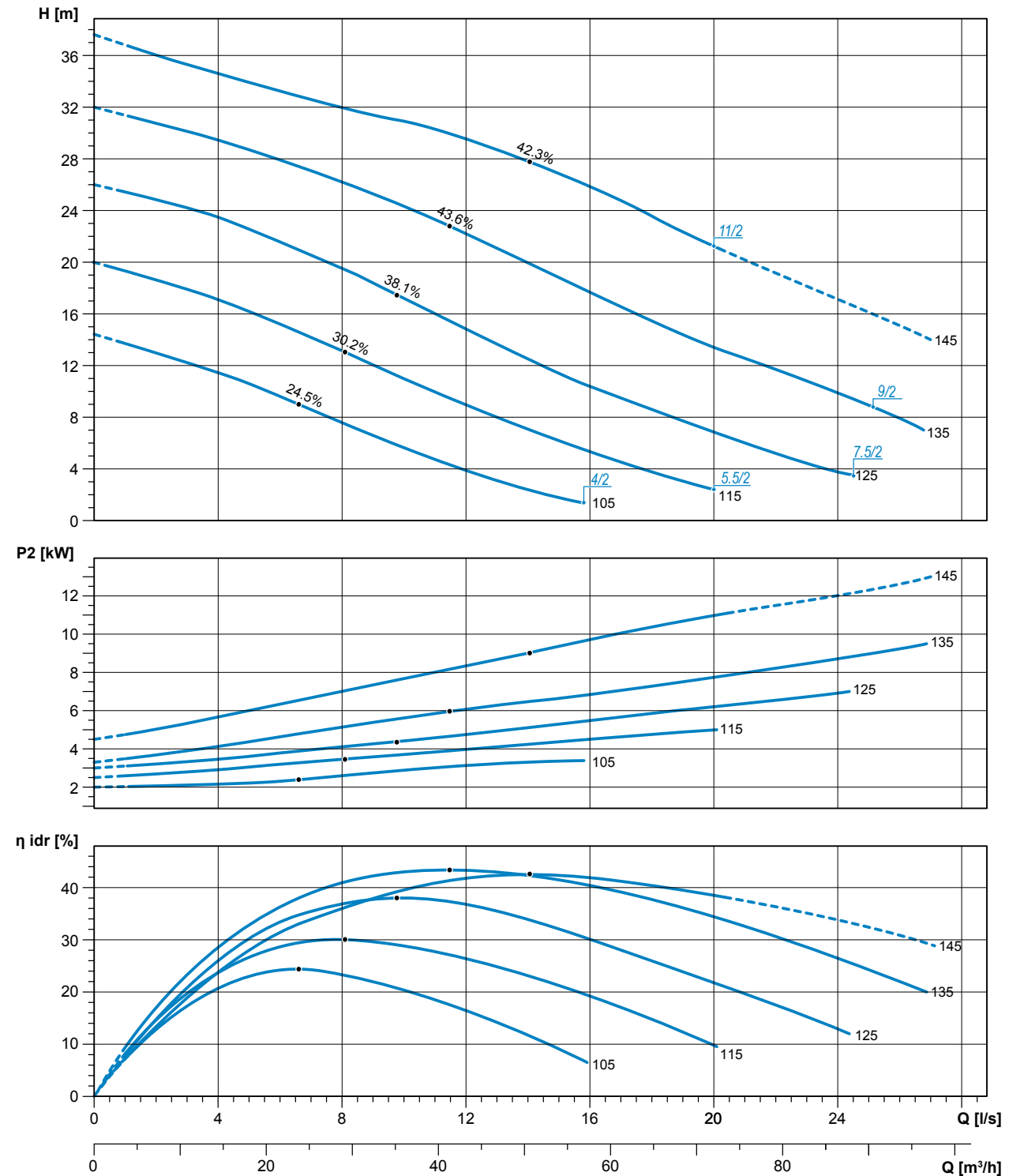
(*) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)
 80 mm discharge bore available

Available accessories



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 080A

5.5 - 11 kW - 2 poles

MQU 080A

Hydraulics

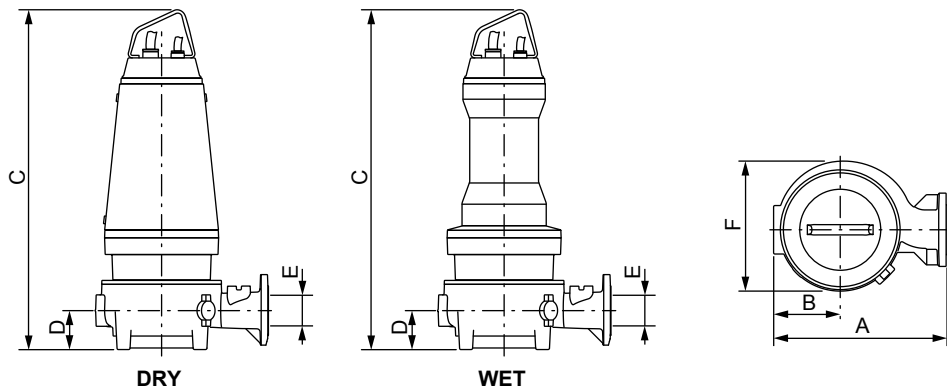
Vortex impeller
 Free passage: 80 mm
 Discharge: DN80 - PN10-16 EN 1092-2
 Suction: DN80



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
5.5/2 A	3	230/400/460	Y Δ	17.8/10.2/8.9	0.87	6.1	5.5	89.6	IE3
7.5/2 A	3	230/400/460	Y Δ	24.8/14.3/12.4	0.84	8.3	7.5	90.2	IE3
9/2 A	3	230/400/460	Y Δ	29.3/16.8/14.6	0.85	9.9	9.0	91.0	IE3
11/2 A	3	230/400/460	Y Δ	36.8/21.2/18.4	0.82	12.1	11.0	91.1	IE3

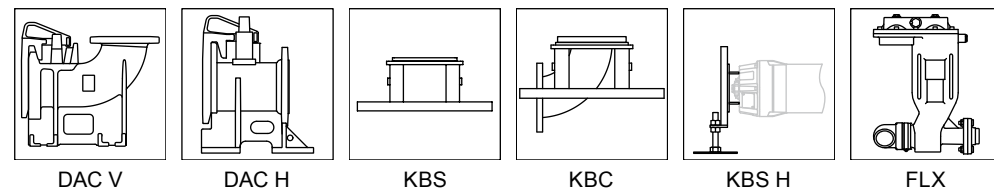
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQU 080A 5.5/2 AW	330	142	854	-	92	80	284	121.9	-
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	-

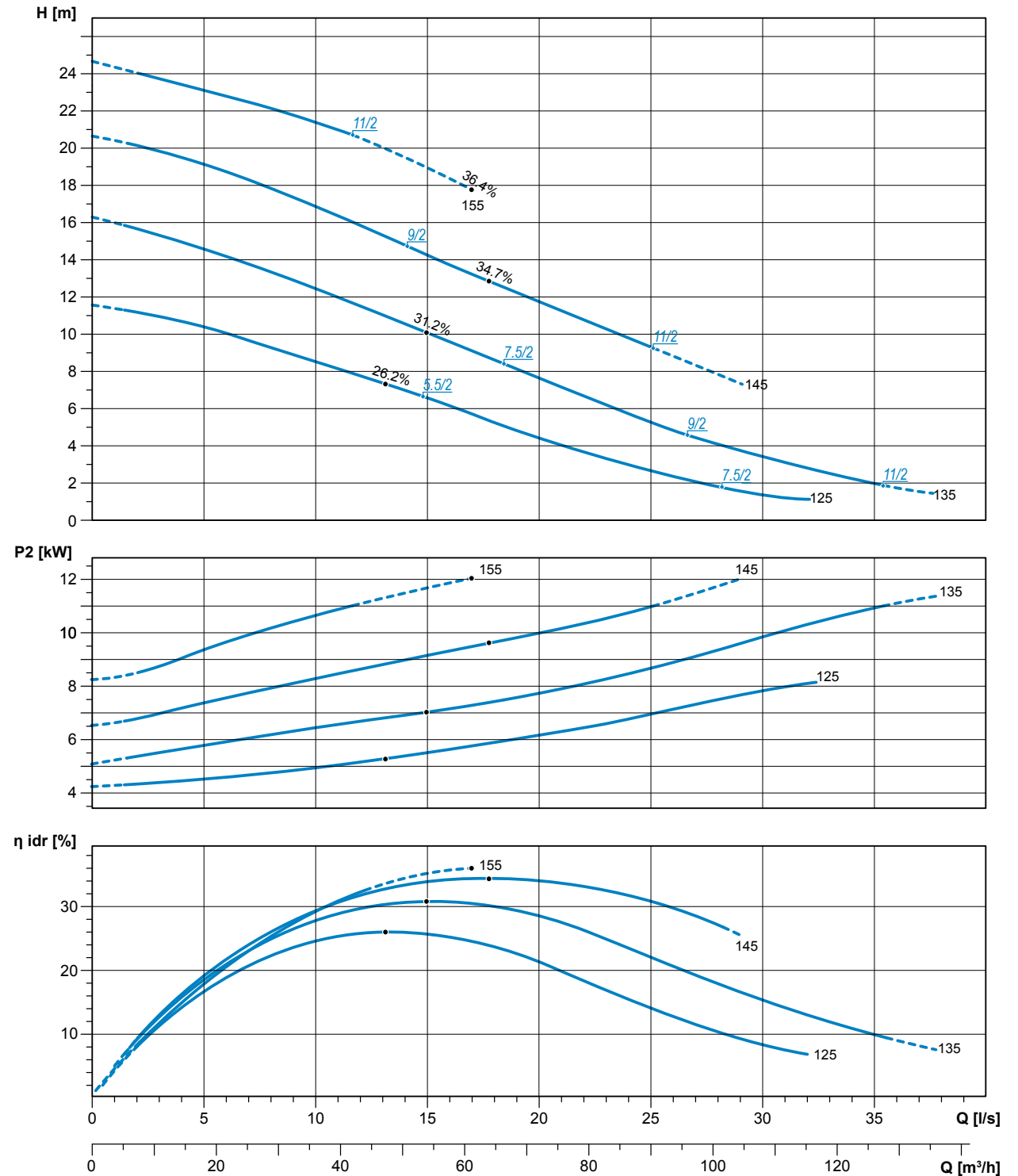
(*) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

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

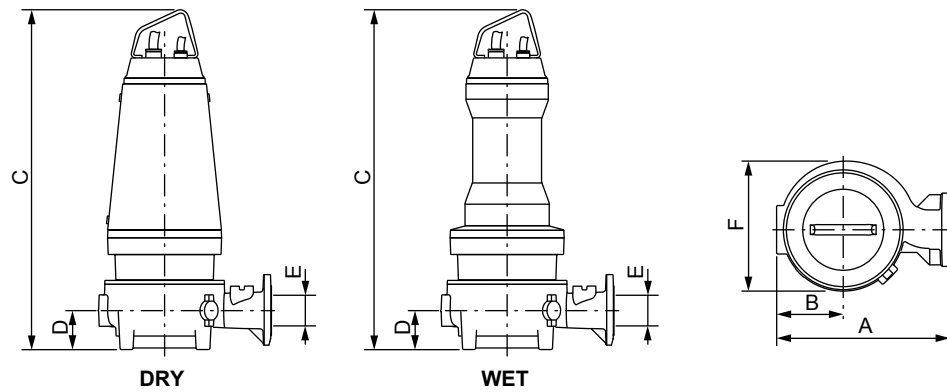
Vortex impeller
 Free passage: 80 mm
 Discharge: DN80 - PN10-16 EN 1092-2
 Suction: DN80



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
7.5/2 A	3	230/400/460	Y Δ	24.8/14.3/12.4	0.84	8.3	7.5	90.2	IE3
9/2 A	3	230/400/460	Y Δ	29.3/16.8/14.6	0.85	9.9	9.0	91.0	IE3
11/2 A	3	230/400/460	Y Δ	36.8/21.2/18.4	0.82	12.1	11.0	91.1	IE3
15/2 A	3	230/400/460	Y Δ	46.4/26.7/23.2	0.89	16.5	15.0	91.1	IE3
18.5/2 A	3	230/400/460	Y Δ	56.4/34.1/28.2	0.90	20.2	18.5	91.7	IE3

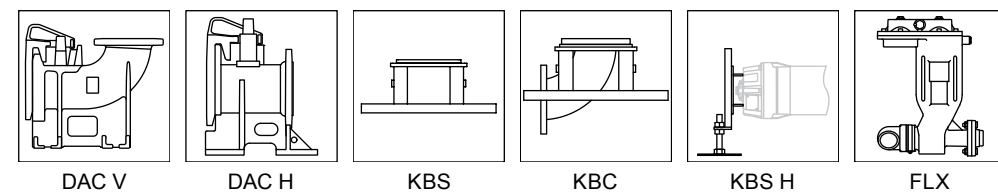
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQU 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

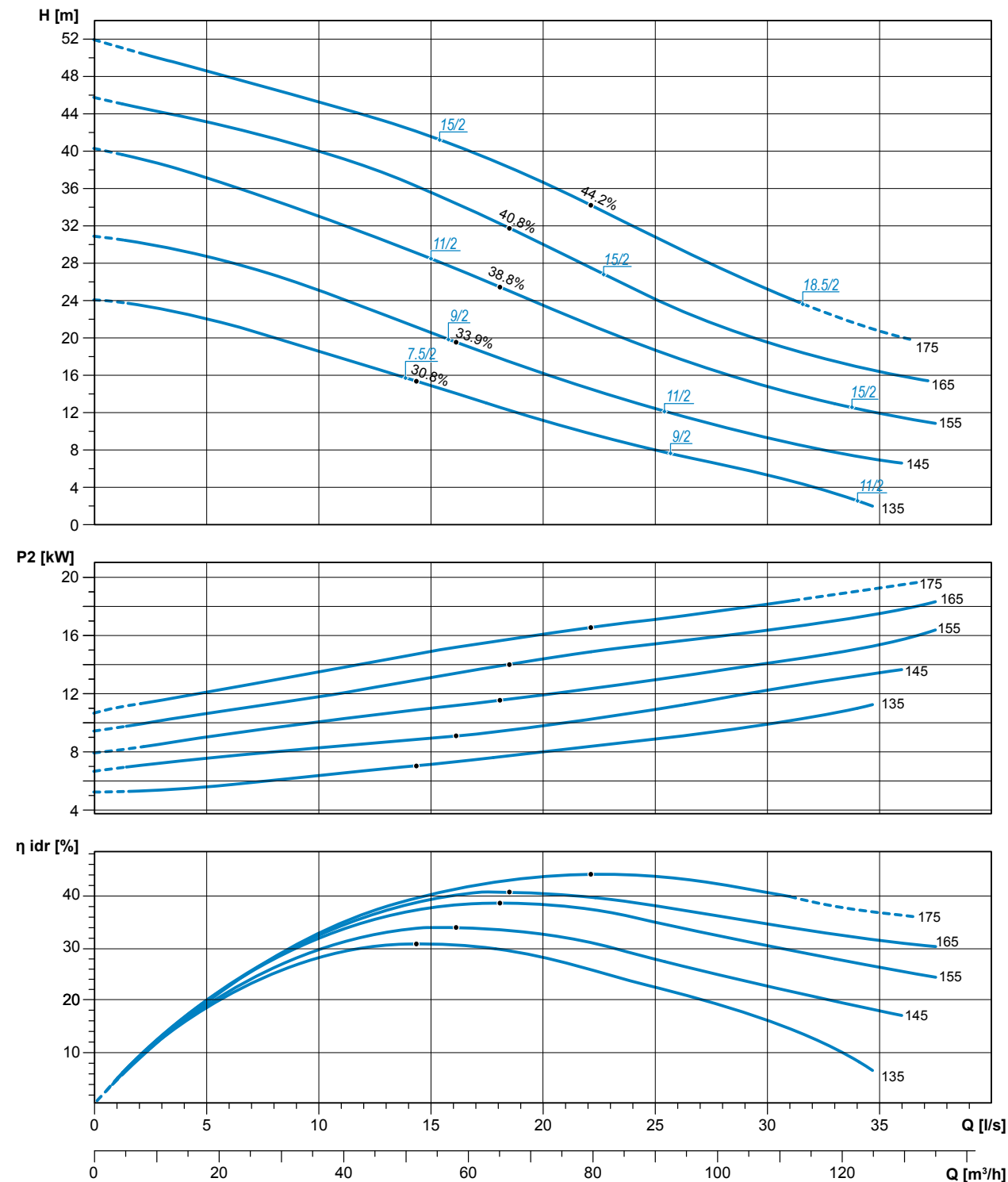
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

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 - 11 kW - 4 poles

MQU 080C

Hydraulics

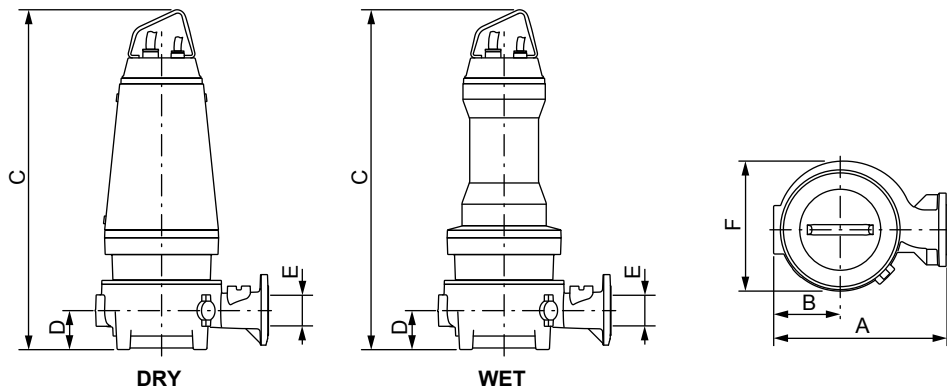
Vortex impeller
 Free passage: 65 mm
 Discharge: DN80 - PN10-16 EN 1092-2
 Suction: DN80



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
3/4 A	3	230/400/460	Y Δ	11.6/6.7/5.8	0.73	3.5	3.0	89.5	IE3
4/4 A	3	230/400/460	Y Δ	14.8/8.5/7.4	0.76	4.5	4.0	89.5	IE3
5.5/4 A	3	230/400/460	Y Δ	19.8/11.4/9.9	0.76	6.0	5.5	91.7	IE3
7.5/4 A	3	230/400/460	Y Δ	25.6/14.8/12.8	0.80	8.2	7.5	91.7	IE3
9/4 A	3	230/400/460	Y Δ	32.7/18.8/16.3	0.76	9.8	9.0	91.7	IE3
11/4 A	3	230/400/460	Y Δ	37.6/21.6/18.8	0.80	11.9	11.0	92.4	IE3

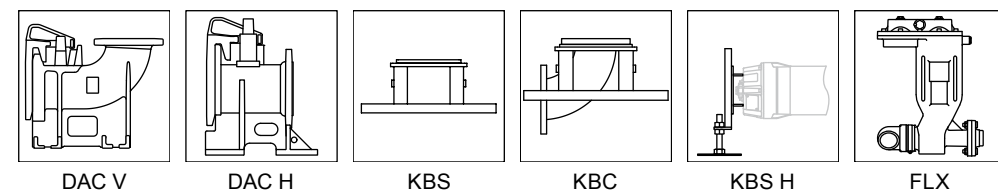
Overall dimensions and weight



	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
MQU 080C 7.5/4 AW (D)	397.5	162.5	1030	1030	90	80	325	218.1	253.1
MQU 080C 9/4 AW (D)	417.5	182.5	1125	1125	90	80	325	239.1	272.1
MQU 080C 11/4 AW (D)	417.5	182.5	1175	1175	90	80	325	290.0	336.0

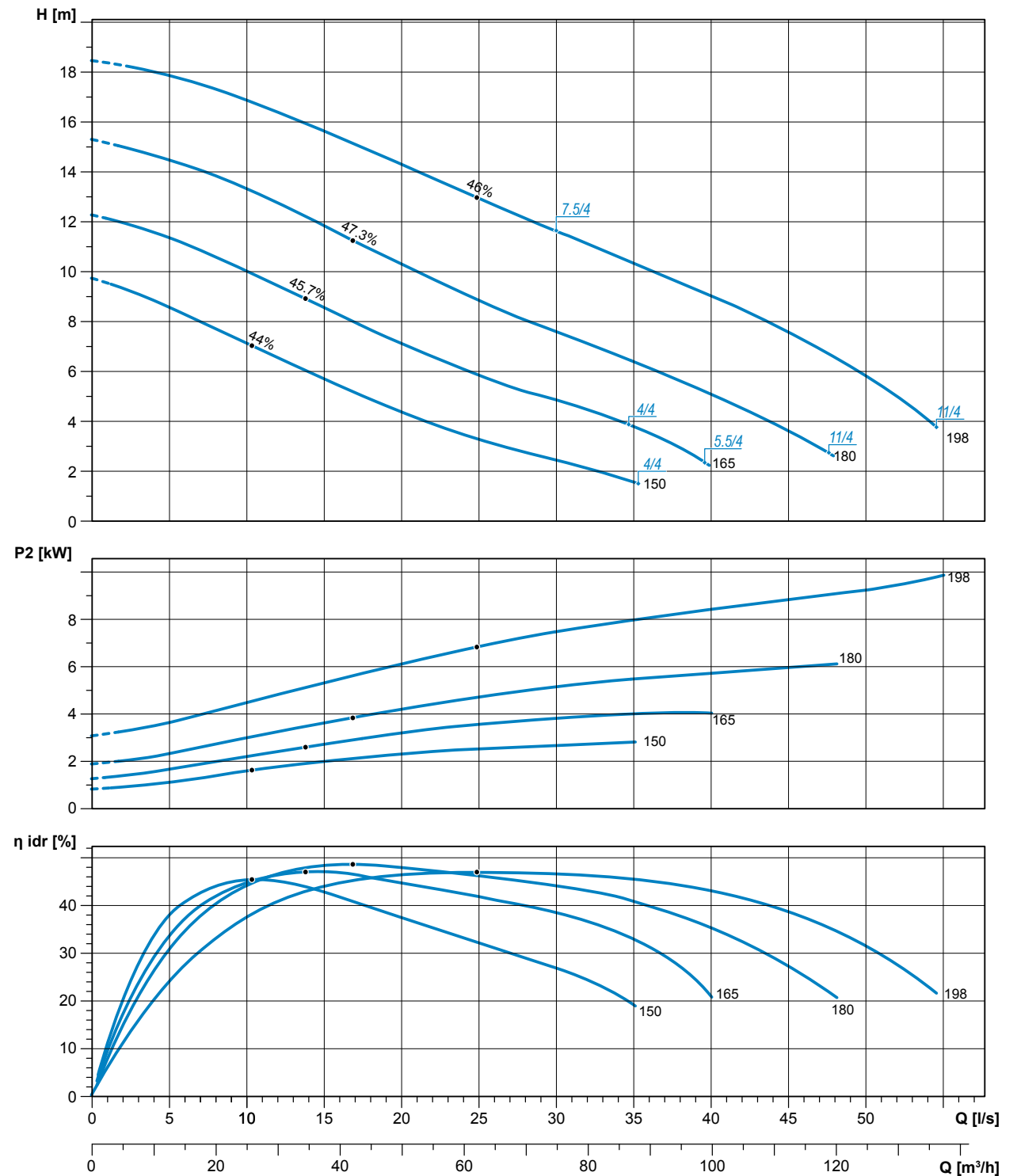
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

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

MQU 080D

22 - 37 kW - 2 poles

MQU 080D

Hydraulics

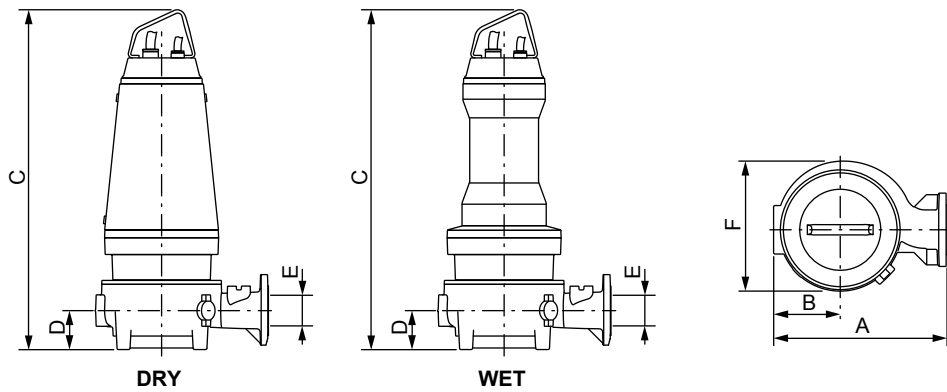
Vortex impeller
 Free passage: 60 mm
 Discharge: DN80 - PN10-16 EN 1092-2
 Suction: DN80



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
22/2 A	3	230/400/460	Y Δ	76.2/38.1/38.1	0.91	23.9	22.0	92.0	IE3
30/2 A	3	230/400/460	Y Δ	90.2/51.9/45.1	0.90	32.5	30.0	92.4	IE3
37/2 H	3	230/400/460	Y Δ	110.2/63.4/55.1	0.90	40.0	37.0	92.4	IE2

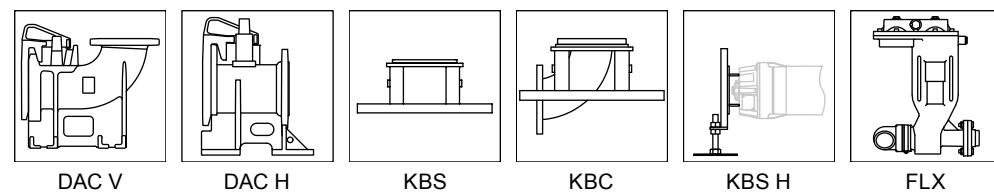
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQU 080D 15/2 AW (D)	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

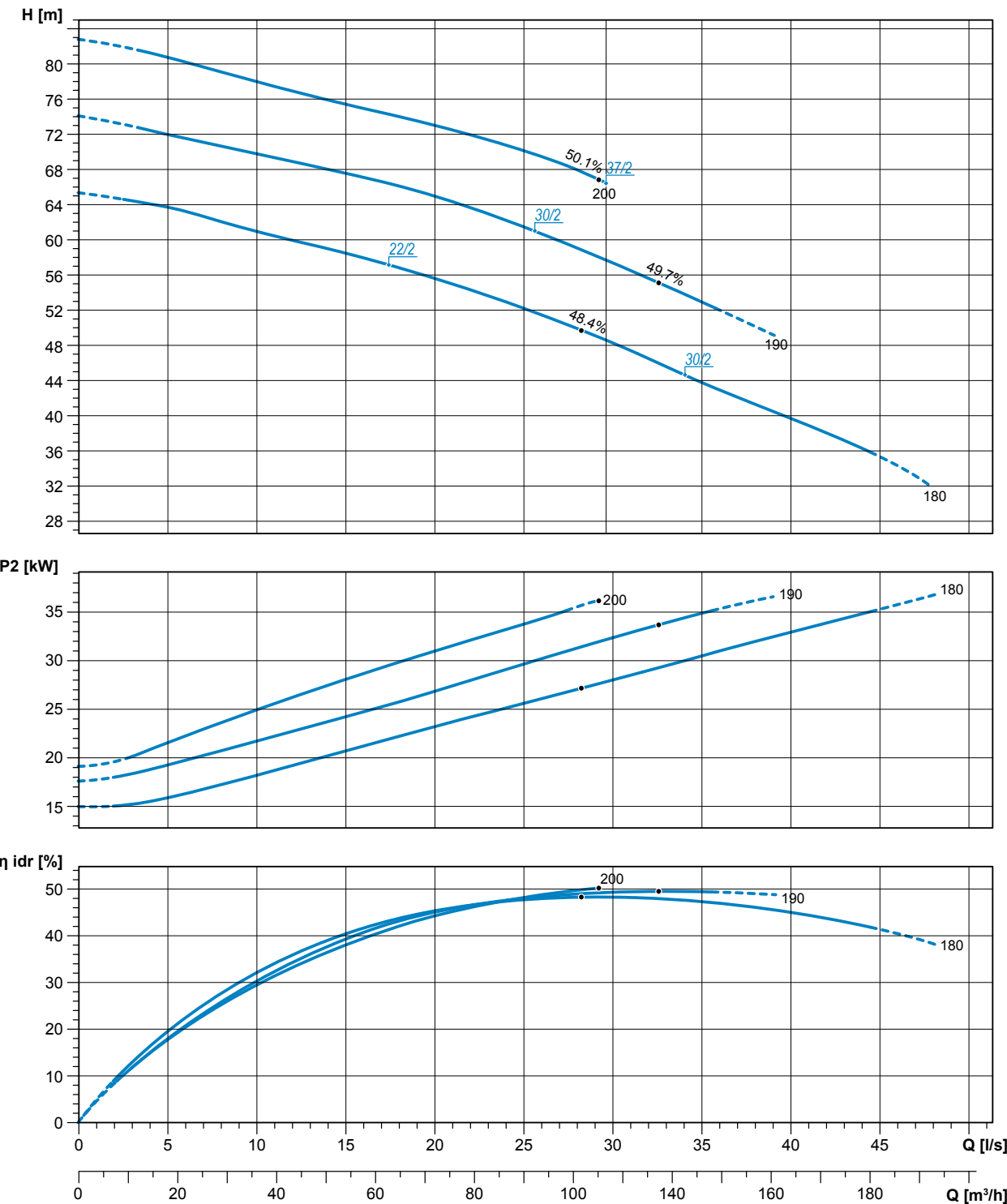
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQU 100A

18.5 - 37 kW - 2 poles

MQU 100A

Hydraulics

Vortex impeller

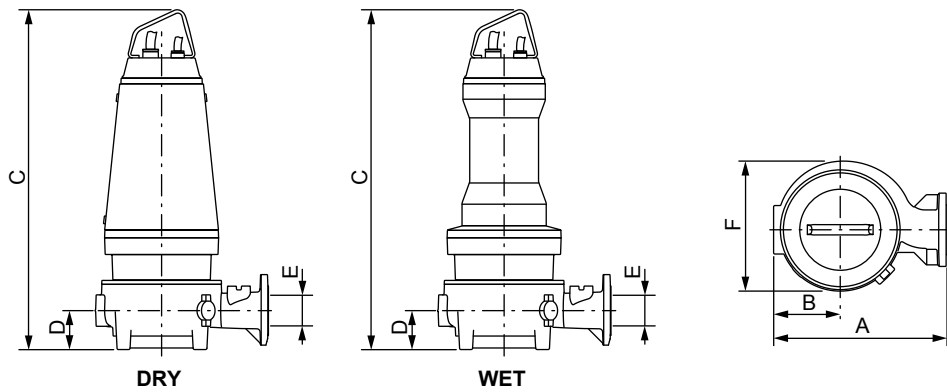
Free passage: 100 mm
 Discharge: DN100 - PN10-16 EN 1092-2
 Suction: DN100



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
18.5/2 A	3	230/400/460	Y Δ	32.4/32.4/28.2	0.90	20.2	18.2	91.7	IE3
22/2 A	3	230/400/460	Y Δ	76.238.1/38.1	0.91	23.9	22.0	92.0	IE3
30/2 A	3	230/400/460	Y Δ	90.2/51.9/45.1	0.90	32.5	30.0	92.4	IE3
37/2 H	3	230/400/460	Y Δ	110.2/63.4/55.1	0.90	40.0	37.0	92.4	IE2

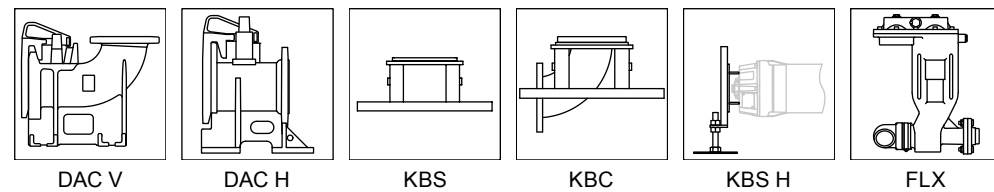
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
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

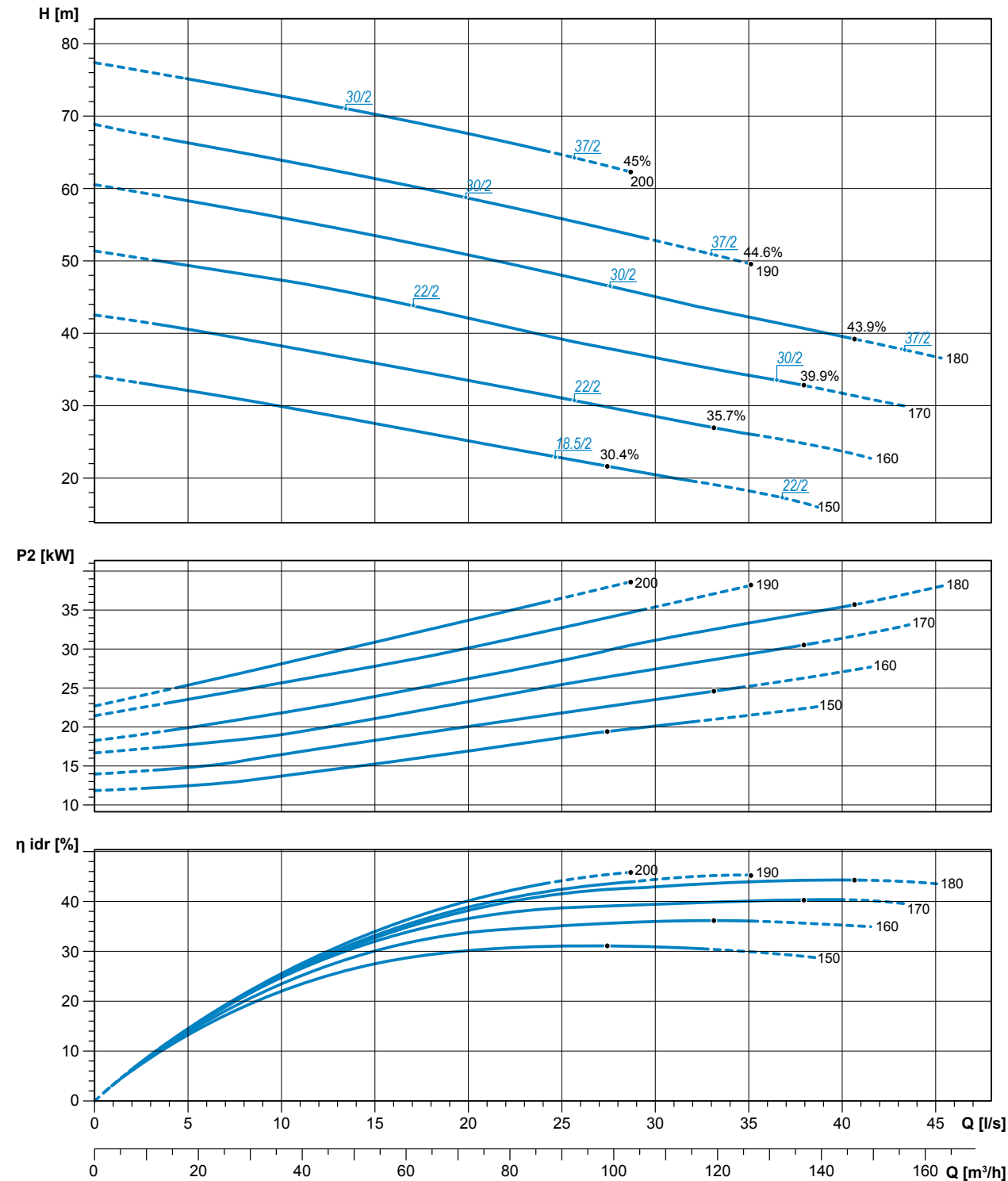
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQU 100B

4 - 15 kW - 4 poles

MQU 100B

Hydraulics

Vortex impeller

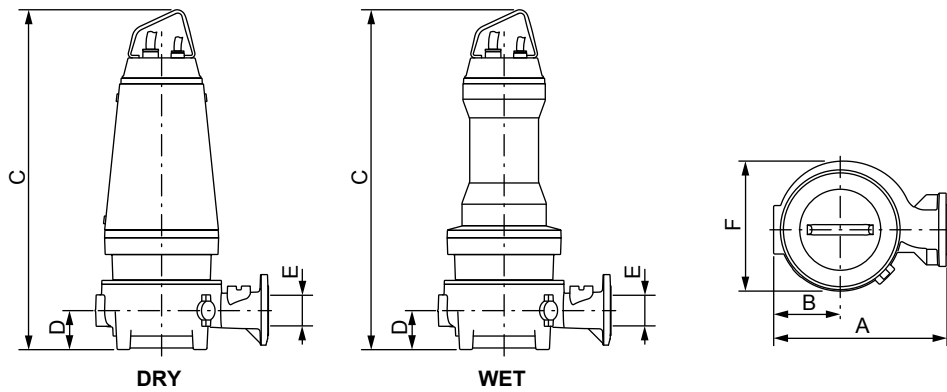
Free passage: 100 mm
 Discharge: DN100 - PN10-16 EN 1092-2
 Suction: DN100



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
4/4 A	3	230/400/460	Y Δ	14.8/8.5/7.4	0.76	4.5	4.0	89.5	IE3
5.5/4 A	3	230/400/460	Y Δ	19.8/11.4/9.9	0.76	6.0	5.5	91.7	IE3
7.5/4 A	3	230/400/460	Y Δ	25.6/14.8/12.8	0.80	8.2	7.5	91.7	IE3
9/4 A	3	230/400/460	Y Δ	32.7/18.8/16.3	0.76	9.8	9.0	91.7	IE3
11/4 A	3	230/400/460	Y Δ	37.6/21.6/18.8	0.80	11.9	11.0	92.4	IE3
15/4 A	3	230/400/460	Y Δ	48.9/28.1/24.4	0.83	16.1	15.0	93.0	IE3

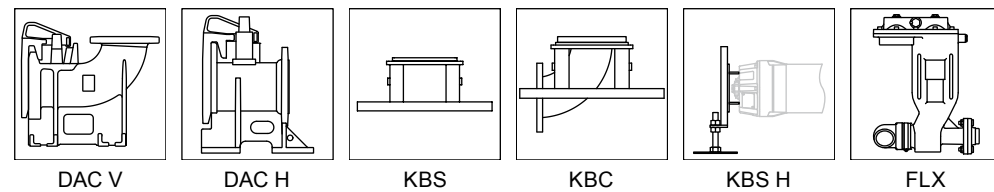
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
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

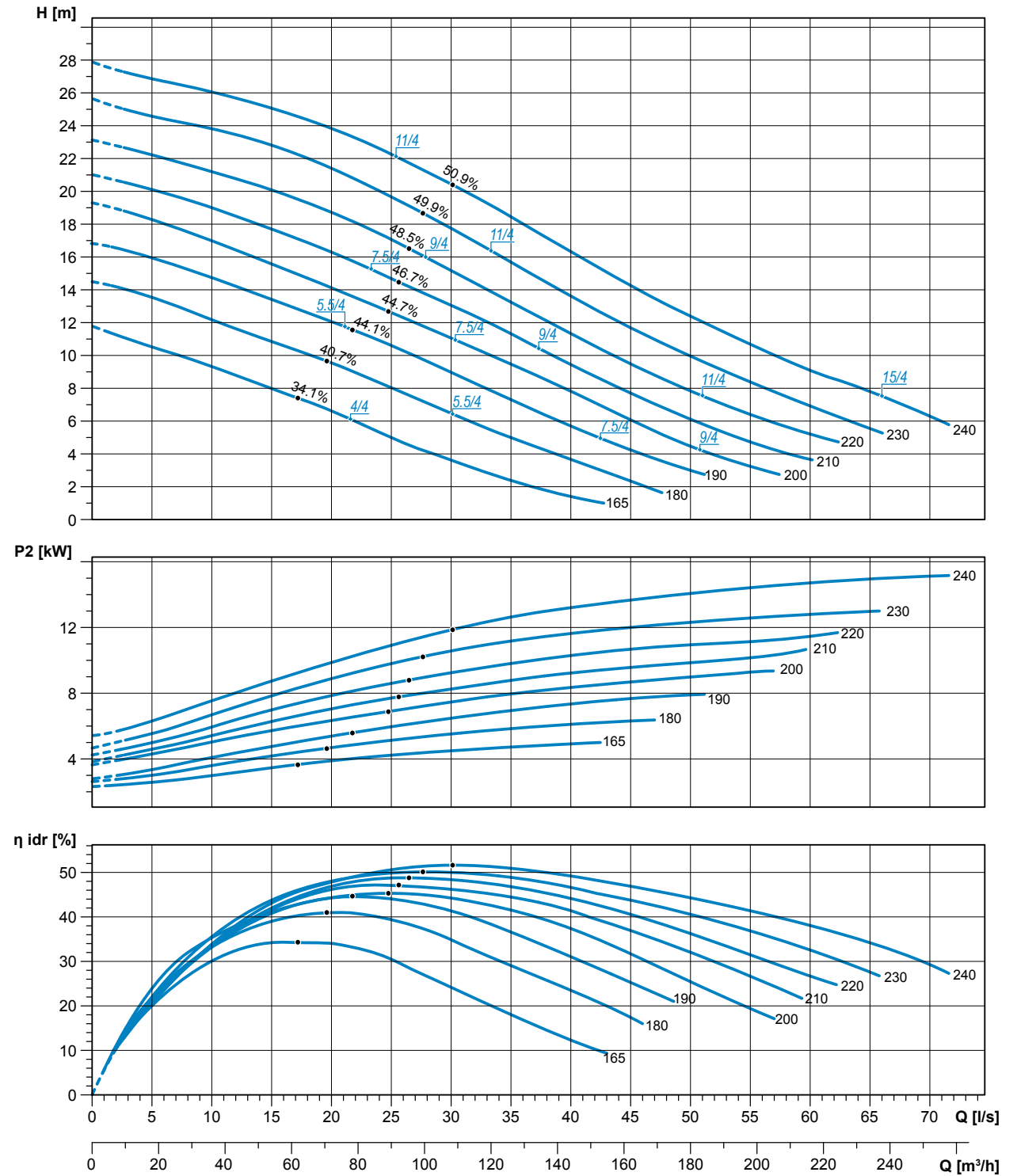
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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 150A

11 - 15 kW - 4 poles

MQU 150A

Hydraulics

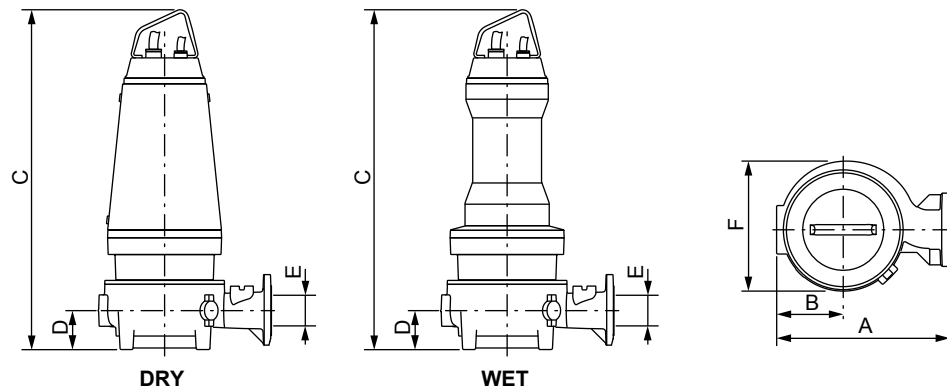
Vortex impeller
 Free passage: 125 mm
 Discharge: DN150 - PN10-16 EN 1092-2
 Suction: DN150



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
11/4 A	3	230/400/460	Y Δ	37.6/21.6/18.8	0.80	11.9	11.0	92.4	IE3
15/4 A	3	230/400/460	Y Δ	48.9/28.1/24.4	0.83	16.1	15.0	93.0	IE3

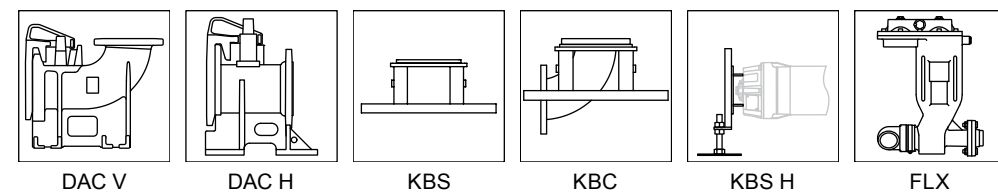
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQU 150A 11/4 AW (D)	545	212	1245	1245	135	150	401	301.9	348.9
MQU 150A 15/4 AW (D)	545	212	1245	1245	135	150	415	315.6	362.6

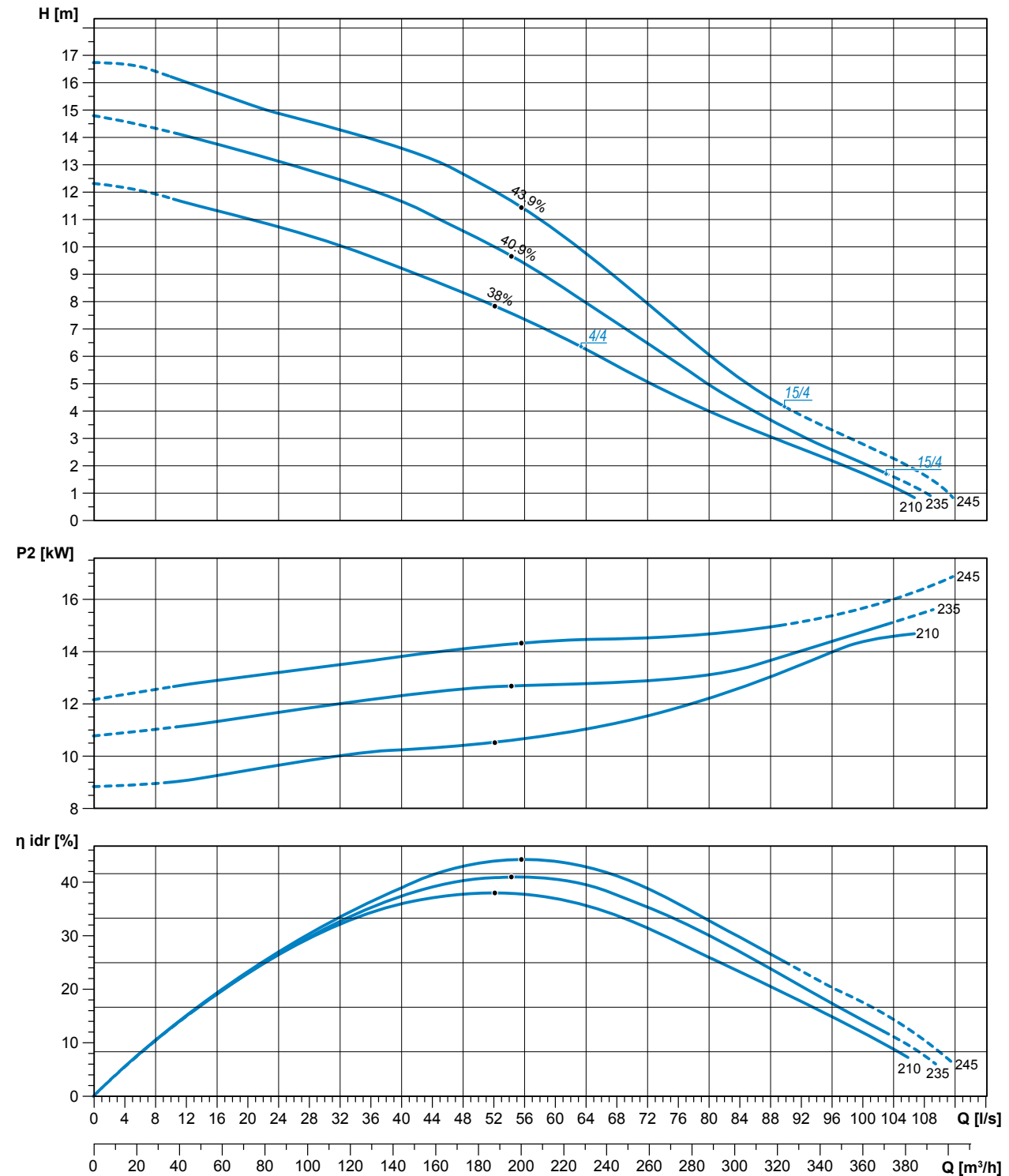
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQG 050A

4 - 11 kW - 2 poles

MQG 050A

Hydraulics

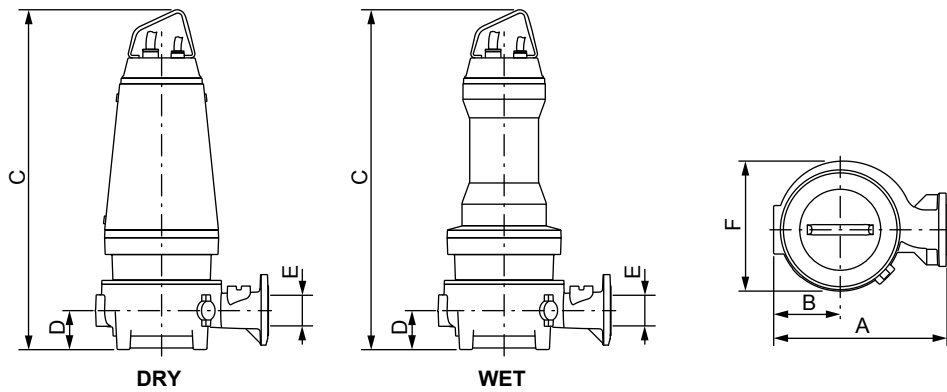
Grinder impeller
 Free passage: -
 Discharge: G2" - DN50 PN10-16 EN 1092-2
 Suction: -



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
4/2 A	3	230/400/460	Y Δ	13.5/7.7/6.8	0.84	4.5	4.0	88.5	IE3
5.5/2 A	3	230/400/460	Y Δ	17.8/10.2/8.9	0.87	6.1	5.5	89.6	IE3
7.5/2 A	3	230/400/460	Y Δ	24.8/14.3/12.4	0.84	8.3	7.5	90.2	IE3
9/2 A	3	230/400/460	Y Δ	29.3/16.8/14.6	0.85	9.9	9.0	91.0	IE3
11/2 A	3	230/400/460	Y Δ	36.8/21.2/18.4	0.82	12.1	11.0	91.1	IE3

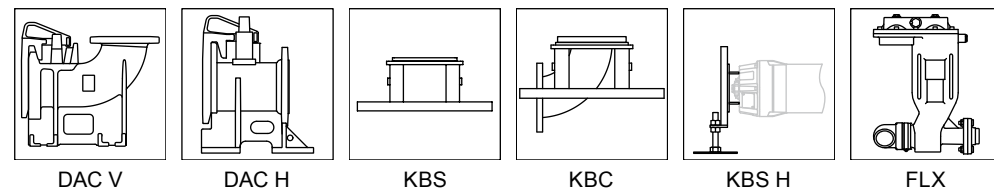
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQG 050A 4/2 AW	362	142	744	-	59	G2"	284	117.9	-
MQG 050A 5.5/2 AW	362	142	744	-	59	G2"	284	120.9	-
MQG 050A 7.5/2 AW	362	142	844	-	59	G2"	284	133.9	-
MQG 050A 9/2 AW	362	142	844	-	59	G2"	284	137.9	-
MQG 050A 11/2 AW	362	142	844	-	59	G2"	284	141.9	-

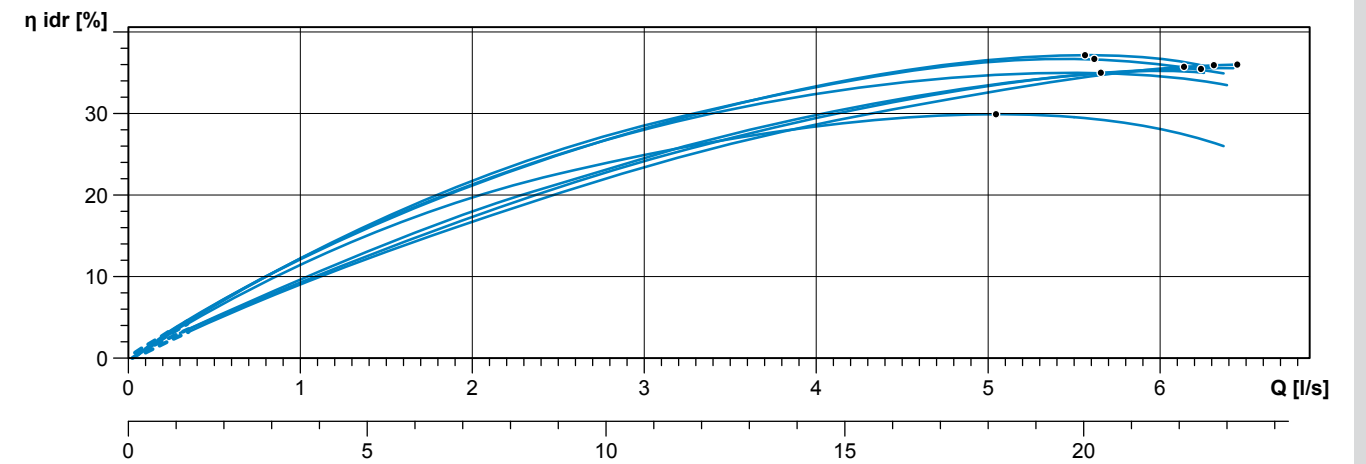
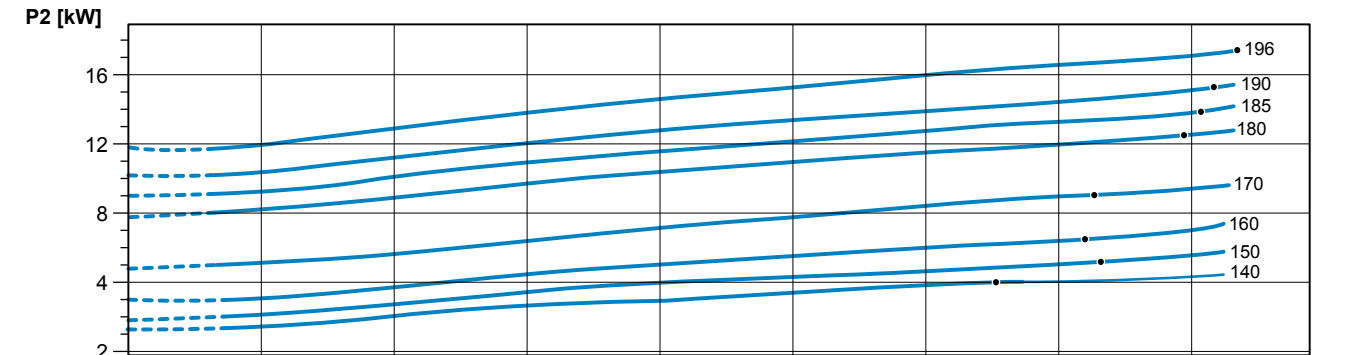
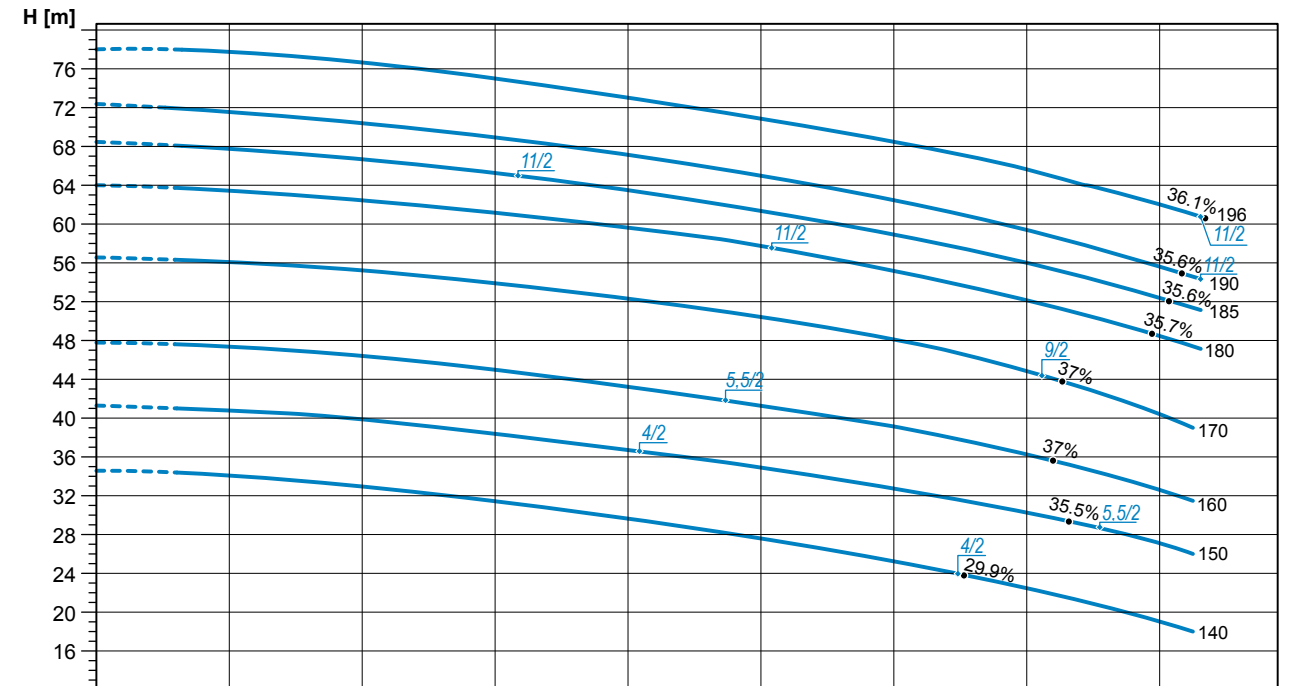
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

Available accessories



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Performances



Characteristic curves according to UNI EN ISO 9906

MQS 050A

4 - 9 kW - 2 poles

MQS 050A

Hydraulics

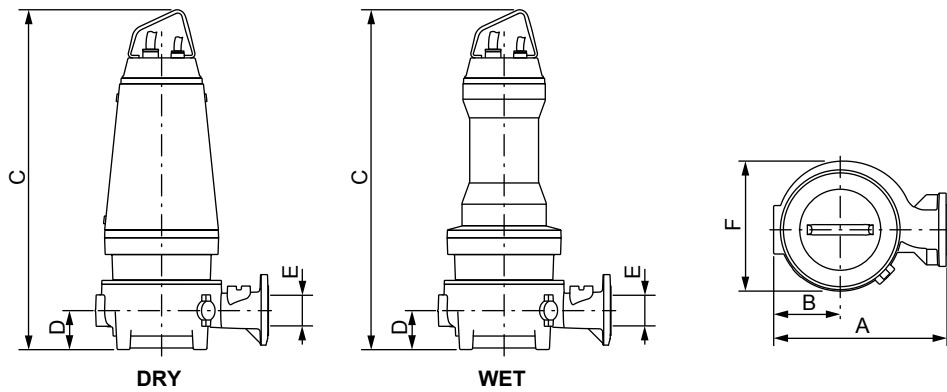
High head impeller
 Free passage: 7.5 mm
 Discharge: G2" - DN32 PN10-16 EN 1092-2
 Suction: DN65



Motor

Type	Phases	V	Start	A	cos φ	P1 (kW)	P2 (kW)	η mot. %	Efficiency class
4/2 A	3	230/400/460	Y Δ	13.5/7.7/6.8	0.84	4.5	4.0	88.5	IE3
5.5/2 A	3	230/400/460	Y Δ	17.8/10.2/8.9	0.87	6.1	5.5	89.6	IE3
7.5/2 A	3	230/400/460	Y Δ	24.8/14.3/12.4	0.84	8.3	7.5	90.2	IE3
9/2 A	3	230/400/460	Y Δ	29.3/16.8/14.6	0.85	9.9	9.0	91.0	IE3
11/2 A	3	230/400/460	Y Δ	36.8/21.2/18.4	0.82	12.1	11.0	91.1	IE3

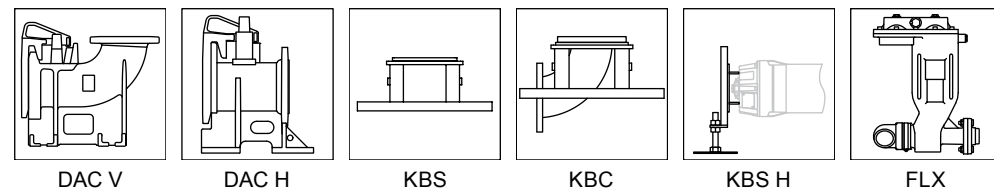
Overall dimensions and weight



	A mm	B mm	C mm		D mm	E mm	F mm	Kg	
			WET	DRY				WET	DRY (+)
MQS 050A 4/2 AW	362	142	762	-	76	G2"	284	113.9	-
MQS 050A 5.5/2 AW	362	142	762	-	76	G2"	284	116.9	-
MQS 050A 7.5/2 AW	362	142	862	-	76	G2"	284	129.9	-
MQS 050A 9/2 AW	362	142	862	-	76	G2"	284	133.9	-
MQS 050A 11/2 AW	362	142	862	-	76	G2"	284	137.9	-

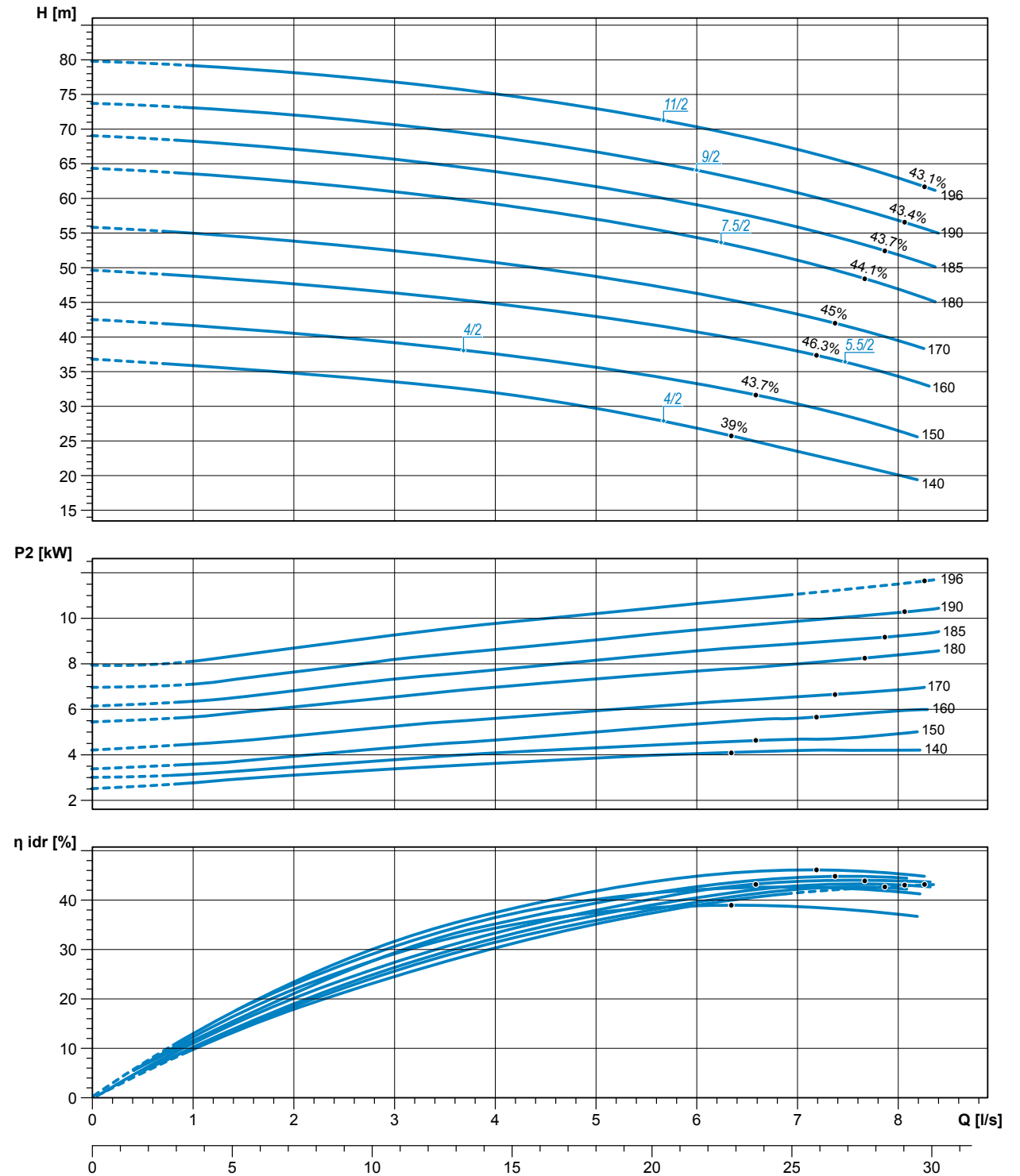
(+) Weight for the DRY version includes cooling fluid
W: WET version (submerged operation - S1 duty type) / **D: DRY version** (dry operation - S1 duty type)

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

A large table with a light gray header and four columns of horizontal lines for data entry. The table is empty, with no data present.



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.