

MAGNETIC DRIVE CENTRIFUGAL PUMPS

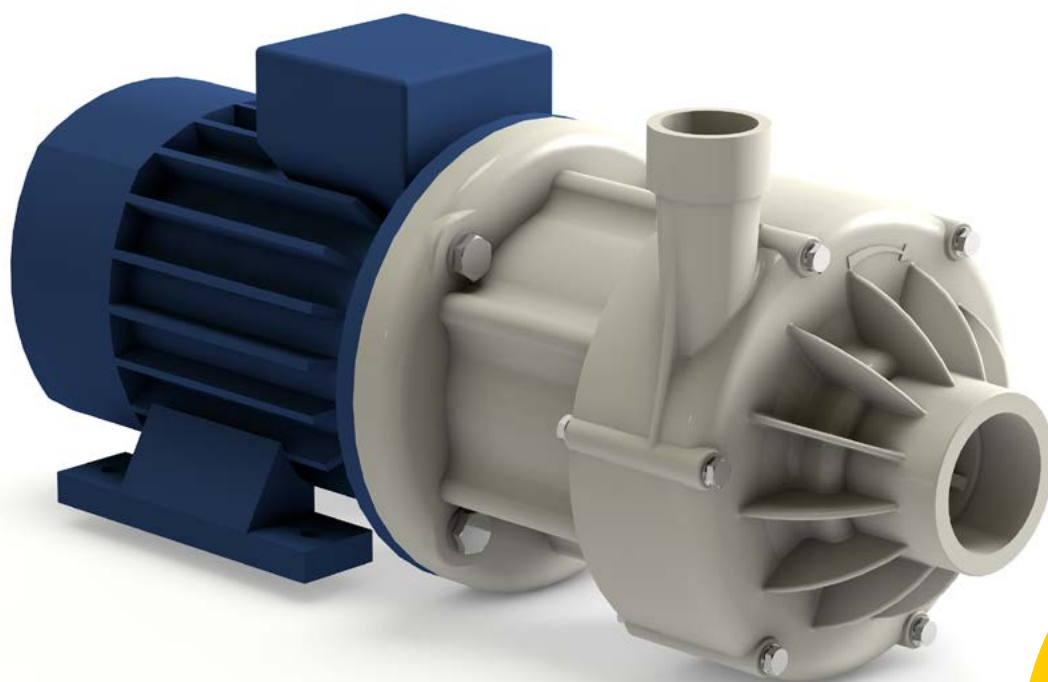
DM 30

MADE IN ITALY 

- **Product of Italian origin**
- Available in PP-PVDF
- Below head use
- No welded seams
- Max. flow rate from 35 m³/h
- Max head 24 m
- Extremely easy maintenance
- Low cost of spare parts
- No fluid leaks
- Viscosity up to 150 CPS
- Available with NPT fittings (*on request*)
- **OPERATING TEMPERATURES:**
PP min. +3°C / max +65°C
PVDF min. +3°C / max +95°C
- Continuous operation: YES
- Warranty: 1 year, according to our general conditions of sale
- Spare parts: to identify the spare parts check the exploded views provided at the end of the operation and maintenance manual

MODEL	Kw MOTOR	HP	MOTOR SIZE	RPM	MOTOR SPECIFICATIONS
DM30	2,2	3	B3+B5	2900	THREE-PHASE 230/400 V-50/60 HZ 2-POLE (availability single phase motor) efficiency class IE2 protection rating IP55 - Ambient temperature -30°C + 45° C / ATEX motor available
	3	4	B3+B5	2900	THREE-PHASE 230/400 V-50/60 HZ 2-POLE efficiency class IE1 protection rating IP55 - Ambient temperature -30°C + 45° C
	4	5,5	B3+B5	2900	THREE-PHASE 230/400 V-50/60 HZ 2-POLE efficiency class IE1 protection rating IP55 - Ambient temperature -30°C + 45° C

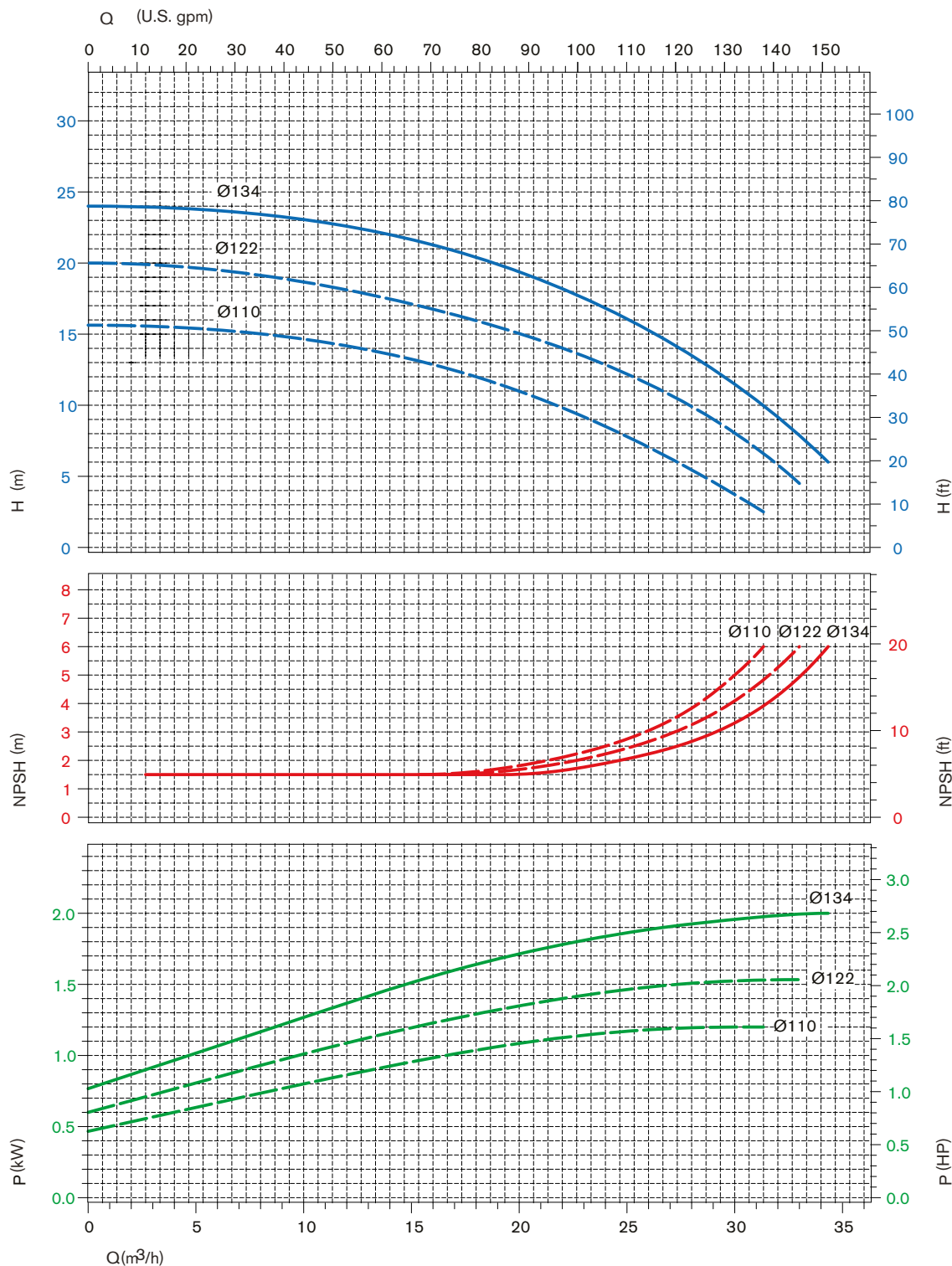
ATTENTION: technical data for standard motor, for any special design with reference to the pumped fluid contact DEBEM's technical support.



CE

Intake connections G 2" f (or DN 50 on request)
Delivery connections G 1/4" m (or DN 40 on request)
Max. flow rate 35 m³/h
Max. head 24 m
Construction materials PP - PVDF



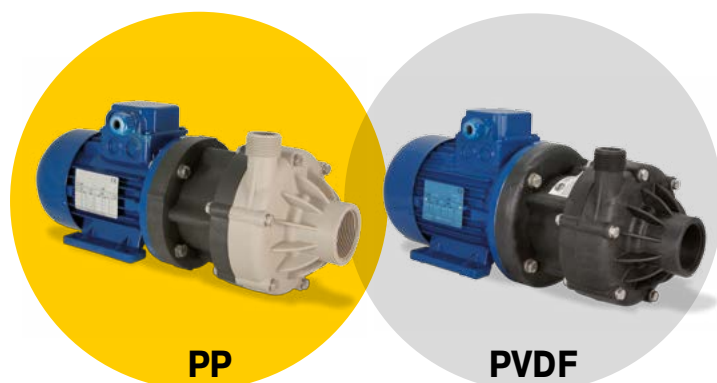


impeller	motor 2,2 Kw (3 HP)	motor 3 Kw (4 HP)	motor 4 Kw (5.5 HP)
ø 134 mm*	fino a 1,1	fino a 1,8	fino a 1,8
ø 122 mm	fino a 1,4	fino a 2	fino a 2
ø 110 mm	fino a 1,8	fino a 2	fino a 2

*standard

The curves and performance values refer to pumps spare delivery outlet and water at 20°C, 2 pole motor 50 Hz (2900rpm).

AVAILABLE MATERIAL

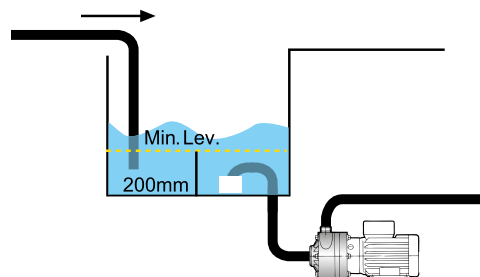


PP

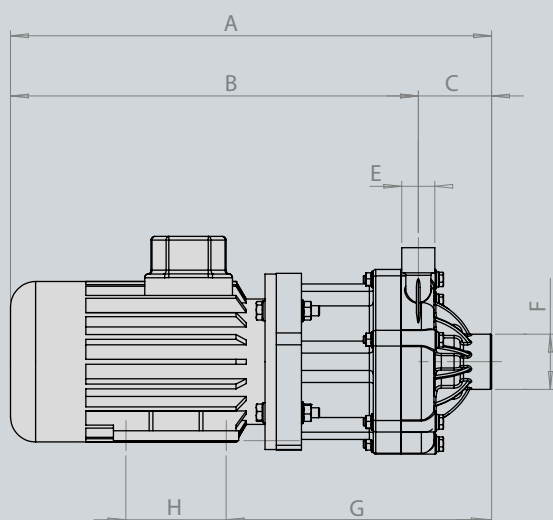
PVDF

INSTALLATION

POSITIVE SUCTION HEAD

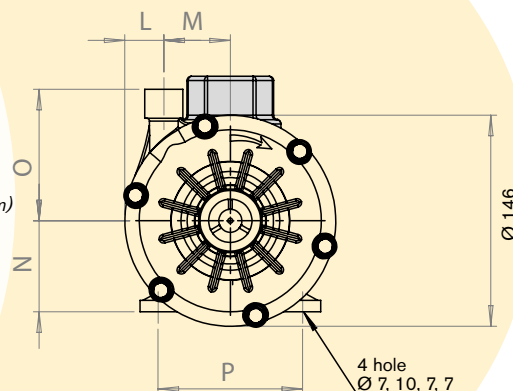


DM30 PP/PVDF



DM30 PP/PVDF

(Dimensions in mm)



Packing for pump with 2,2 Kw motor:

wooden case – cm 61 x 29 x 41 – weight 12 Kg

Packing for pump with 3 Kw motor:

wooden case – cm 64 x 29 x 44 – weight 13 Kg

Packing for pump with 4 Kw motor:

wooden case – cm 69 x 37 x 48 – weight 15 Kg

(the weight only refers to the packaging without the pump in it).

MODEL	MOTOR SIZE	POWER	A	B	C	E	F	G	H	L	M	N	O	P	KG PP	KG PVDF
DM30	IEC 90	2,2 Kw	499	408	91	1"1/2 m ^(*)	2 f ^(*)	308	125	31	66	90	140	140	-	-
DM30	IEC 100	3 Kw	524	433	91	1"1/2 m ^(*)	2 f ^(*)	315	140	31	66	100	140	160	-	-
DM30	IEC 112	4 Kw	549	458	91	1"1/2 m ^(*)	2 f ^(*)	322	140	31	66	112	140	190	-	-
DM30	NEMA 145TC	3 Hp	541	450	91	1"1/2 m ^(*)	2 f ^(*)	337	127	31	66		140	139	-	-
DM30	NEMA 184TC	5 Hp	608	517	91	1"1/2 m ^(*)	2 f ^(*)	328	139	31	66	89	140	190	-	-

(*)gas bsp or NPT

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DM 30



DM COMPOSITION CODE

ex. **DM30P-SD1BE090**

DM30 in PP, Thrust washer standard, O-Ring EPDM, Impeller Ø 134, Connection BSP, Motor flange Mec, Motor Cassing 090

DM30	P-	S	D	1	B	E	090
PUMP MODEL	PUMP BODY	THRUST WASHER	O-RING	IMPELLER	CONNECTION	MOTOR FLANGE	MOTOR CASSING
DM30	P - Polipropilene FC - PVDF +CF	S - Standard (ceramica + PTFE Grafite)	D - EPDM V - Viton	DM30 1=Ø 134 2=Ø 122 3=Ø 110	N - NPT B - BSP	E - MEC U* - NEMA	DM30 090 100 122

* It can be supplied only the pump with American flange for coupling with NEMA motor

PRODUCT APPLICATION

