

MAGNETIC DRIVE CENTRIFUGAL PUMPS

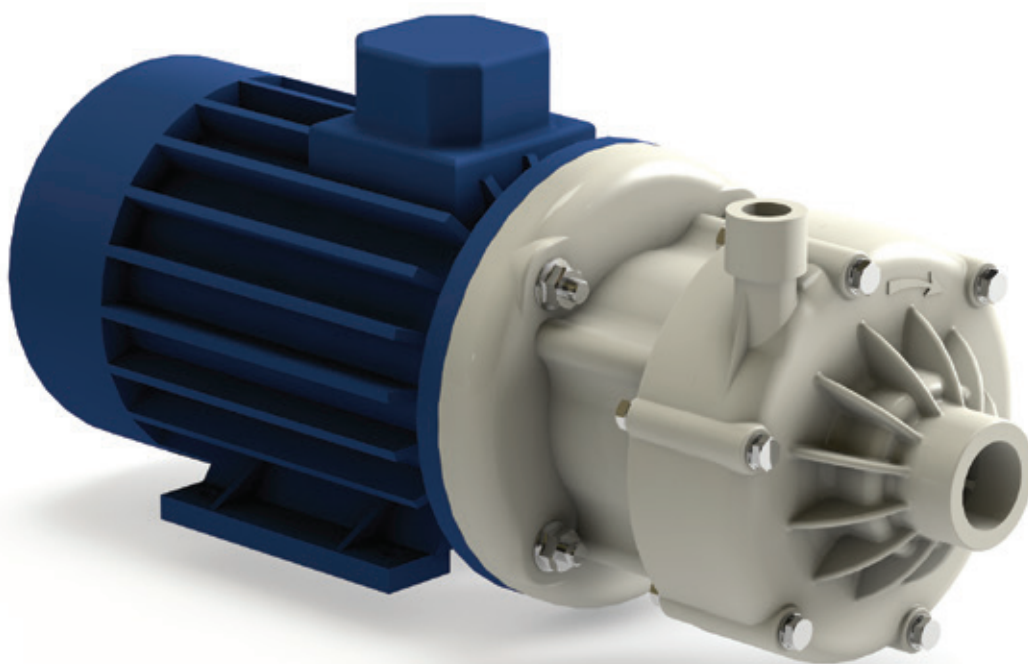
DM 10

MADE IN ITALY 

- **Made in Italy product**
- Available in PP-PVDF
- Below head use
- No welded seams
- Max. flow rate from 13 m³/h
- Max. head 14 m
- Extremely easy maintenance
- Low cost of spare parts
- No fluid leaks
- Viscosity up to 150 cps
- Available with NPT connections (*on request*)
- **OPERATING CONNECTION:**
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 illustrations at the end of the operation and maintenance manual

MODEL	Kw MOTOR	HP	MOTOR SIZE	RPM	MOTOR SPECIFICATIONS
DM10	0,55	0,75	B3+B5	2900	THREE-PHASE 230/400 V - 50/60 HZ - 2 POLES (single phase motor available) efficiency class IE1 protection rating IP55 - Ambient temperature -30°C + 45° C / ATEX motor available
	0,75	1	B3+B5	2900	THREE-PHASE 230/400 V - 50/60 HZ - 2 POLES (single phase motor available) efficiency class IE2 protection rating IP55 - Ambient temperature -30°C + 45° C / ATEX motor available

ATTENTION: technical data for standard motor, for special request please contact DEBEM technical department.



CE

Intake connections G 1" 1/2 f (or DN 40 on request)

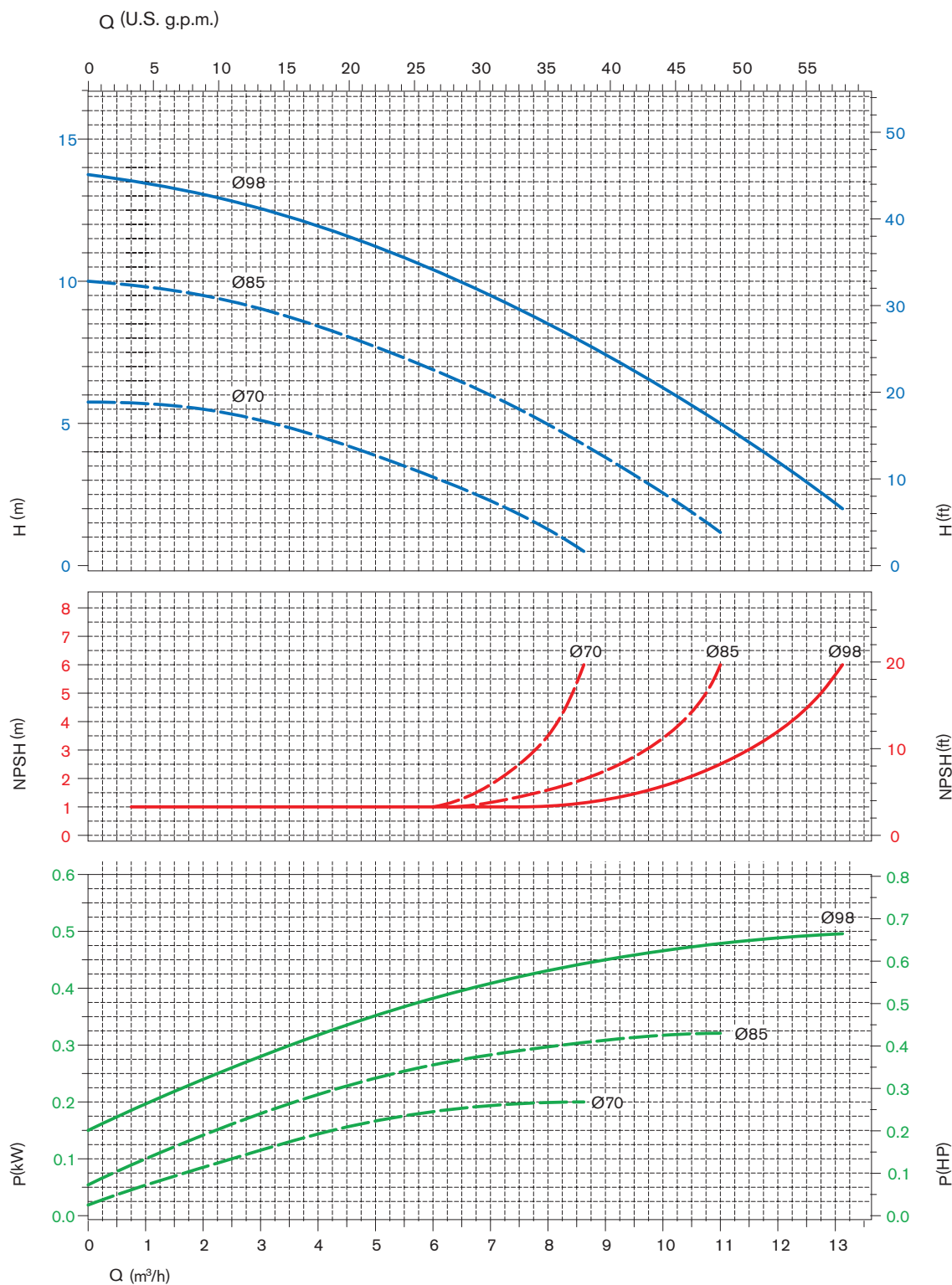
Delivery connections G 1" m (or DN 25 on request)

Max. flow rate 13 m³/h

Max. head 14 m

Construction materials PP - PVDF





impeller	motor 0,55 Kw (0.75 HP)	motor 0,75 Kw (1 HP)
ø 98mm*	up to 1,1	up to 1,5
ø 85 mm	up to 1,6	up to 2
ø 70 mm	up to 2	up to 2

*standard

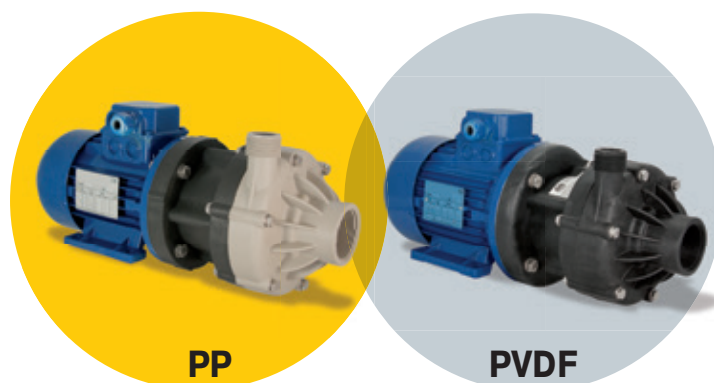
The curves and performance values refer to pumps with free spare delivery outlet, water at 20°C, 2 pole motor 50 Hz (2900rpm).

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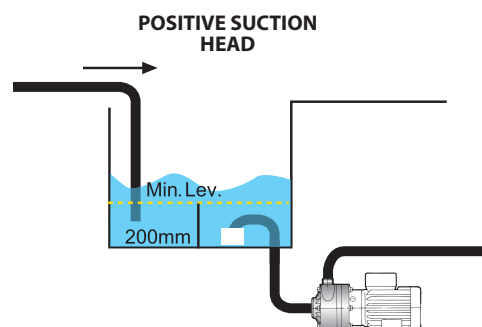
DM 10



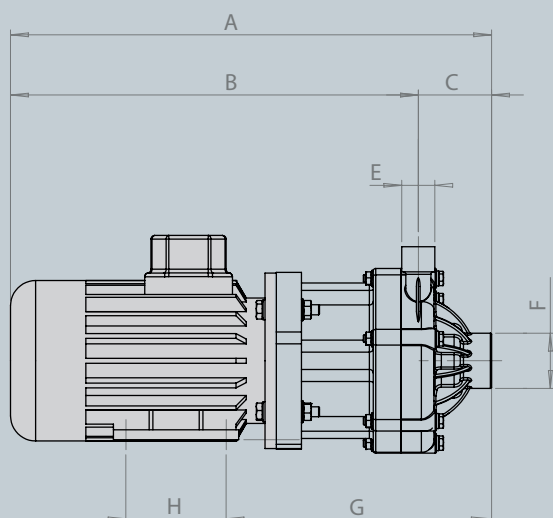
AVAILABLE MATERIALS



INSTALLATIONS

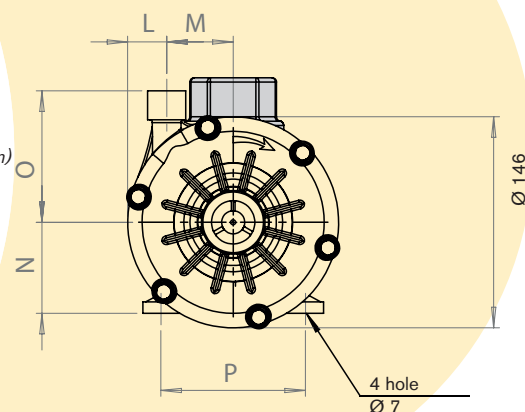


DM10
PP/PVDF



DM10
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(Dimensions in mm)



Packaging for pump with 0,55 Kw motor:

wooden crate – cm 47 x 23 x 35 – weight 8 Kg

Packaging for pump with 0,75 Kw motor:

wooden crate – cm 55 x 29 x 41 – weight 11 Kg

(the weight only refers to the packaging without the pump inside).

MODEL	MOTOR SIZE	POWER	A	B	C	E	F	G	H	L	M	N	O	P	KG PP	KG PVDF
DM10	IEC 71	0,55 Kw	417	349	68	1" m ^(*)	1"1/2 f ^(*)	229	90	25	47	71	91	112	8,2	8,5
DM10	IEC 80	0,75 Kw	459	391	68	1" m ^(*)	1"1/2 f ^(*)	346	100	25	47	80	91	125	9,2	9,5
DM10	NEMA 56C	0,75 Hp	448	380	68	1" m ^(*)	1"1/2 f ^(*)	240	90	25	47	89	91	112	-	-
DM10	NEMA 143TC	1,00 Hp	482	414	68	1" m ^(*)	1"1/2 f ^(*)	245	90	25	47	89	91	112	-	-

(*)gas bsp or NPT

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DM 10



DM COMPOSITION CODE

ex. **DM10P-SD1BE071**

DM10 PP, Thrust washer standard, O-Ring EPDM, Impeller Ø 98 mm, Connection BSP, Motor flange MEC, Motor Casing 071

DM10	P	S	D	1	B	E	071
PUMP MODEL	PUMP BODY	THRUST WASHER	O-RING	IMPELLER	CONNECTION	MOTOR FLANGE	MOTOR CASING
DM10	P - Polypropylene FC - PVDF + CF	S - Standard (ceramic + PTFE Graphite)	D - EPDM V - Viton®	DM10 1=Ø 98 2=Ø 85 3=Ø 70	N - NPT B - BSP	E - MEC U* - NEMA	DM10 071 080

* It can be supplied only the pump with American flange for coupling with NEMA motor
Attention: when choosing a pump to pair with NEMA motor, the pump will be supplied with the specific flange but not the NEMA motor, which is not covered by our standard supply

APPLICATIONS

