

MAGNETIC DRIVE CENTRIFUGAL PUMPS

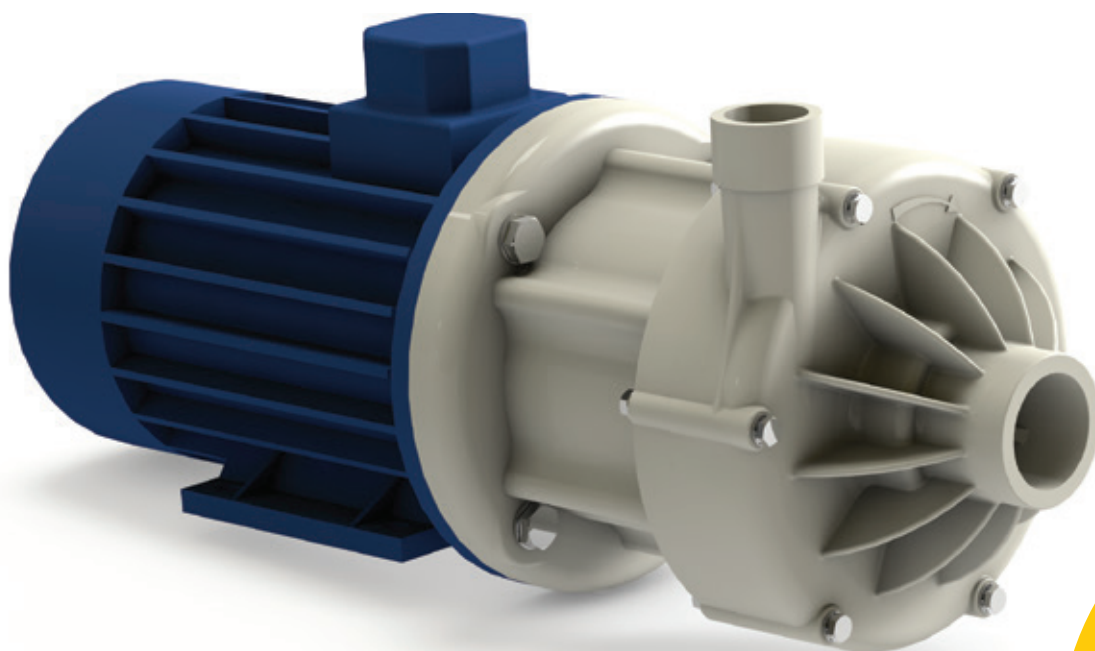
DM 15

MADE IN ITALY 

- **Made in Italy product**
- Available in PP-PVDF
- Below head use
- No welded seams
- Max. flow rate from 23.5 m³/h
- Max. head 20 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
DM15	1,5	2	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
	2,2	3	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

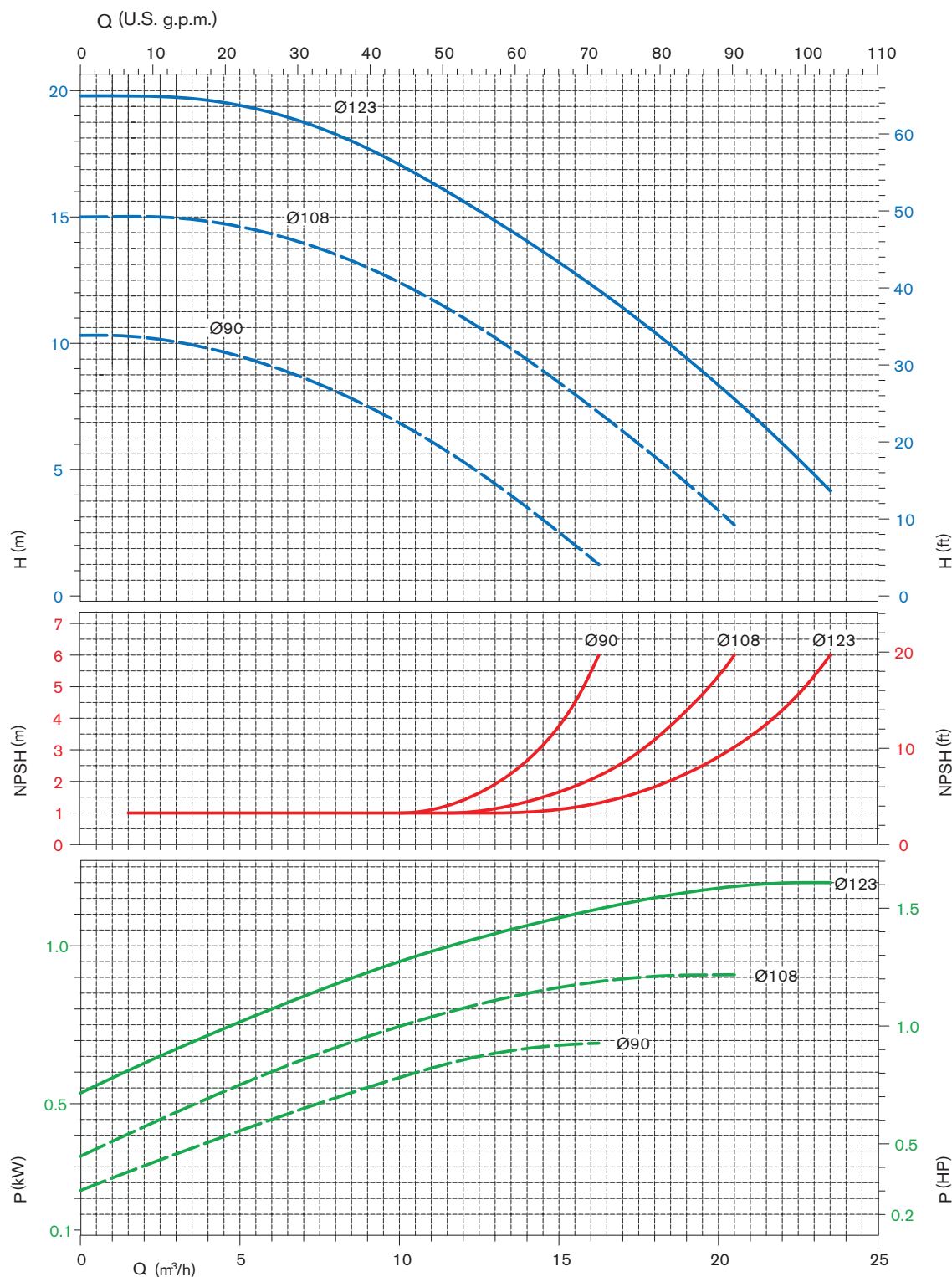
ATTENTION: technical data for standard motor, for special request please contact DEBEM technical department.



CE

Intake connections G 1" 1/2 f (or DN 40 on request)
Delivery connections G 1" 1/4 m (or DN 32 on request)
Max. flow rate 23,5 m³/h
Max. head 20 m
Construction materials PP - PVDF



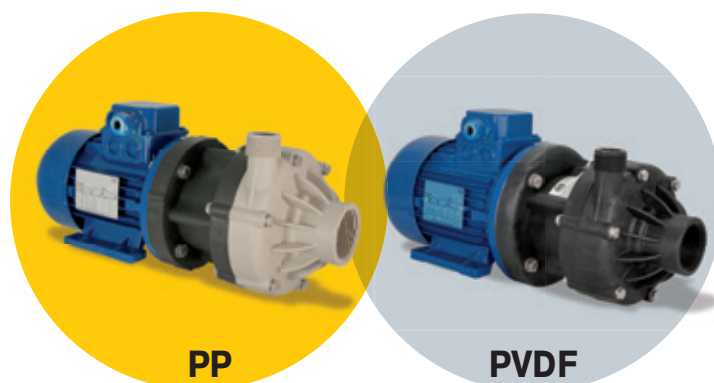


impeller	motor 1,5 Kw (2 HP)	motor 2,2 Kw (3 HP)
ø 123 mm*	up to 1,1	up to 1,8
ø 108 mm	up to 1,6	up to 2
ø 90 mm	up to 2	up to 2

*standard

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

AVAILABLE MATERIALS

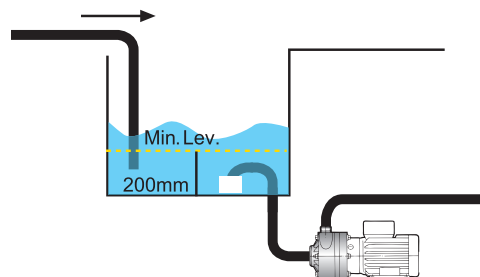


PP

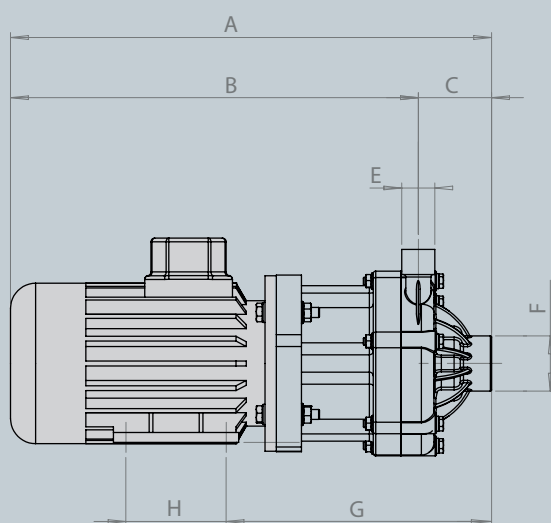
PVDF

INSTALLATIONS

POSITIVE SUCTION HEAD

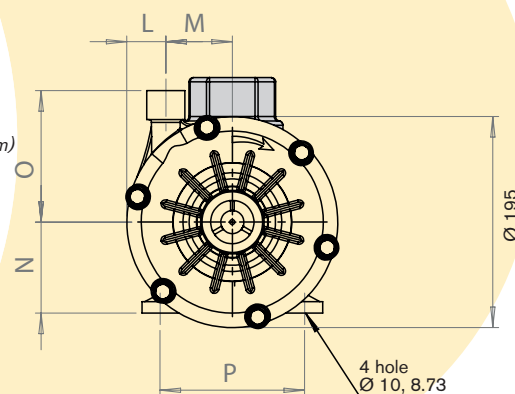


DM15 PP/PVDF



DM15 PP/PVDF

(Dimensions in mm)



Packaging for pump with 1,5 Kw motor:
wooden crate – cm 58 x 29 x 41 – weight 11 Kg

Packaging for pump with 2,2 Kw motor:
wooden crate – cm 61 x 29 x 41 – weight 12 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
DM15	IEC 90	1,5 Kw	489	408	81	1"1/4 m ^(*)	1"1/2 f ^(*)	298	125	35	62	90	125	140	20	20
DM15	IEC 90	2,2 Kw	489	408	81	1"1/4 m ^(*)	1"1/2 f ^(*)	298	125	35	62	90	125	140	21	21
DM15	NEMA 145 TC	3 Hp	530	449	81	1"1/4 m ^(*)	1"1/2 f ^(*)	327	127	34	62	88	125	139	-	-

(*)gas bsp or NPT

DM COMPOSITION CODE

ex. **DM15P-SD1BE090**

DM15 PP, Thrust washer standard, O-Ring EPDM, Impeller Ø 123 mm, Connection BSP, Motor flange MEC, Motor Casing 090

DM15	P	S	D	1	B	E	090
PUMP MODEL	PUMP BODY	THRUST WASHER	O-RING	IMPELLER	CONNECTION	MOTOR FLANGE	MOTOR CASING
DM15	P - Polipropilene FC - PVDF +CF	S - Standard (ceramica + PTFE Graphite)	D - EPDM V - Viton®	DM15 1=Ø 123 2=Ø 108 3=Ø 90	N - NPT B - BSP	E - MEC U* - NEMA	DM15 090

* 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

