

MAGNETIC DRIVE CENTRIFUGAL PUMPS

DM 06

MADE IN ITALY 

- **Product of Italian origin**
- Available in PP-PVDF
- Below head use
- No welded seams
- Max. flow rate from 7 m³/h
- Max head 8,5 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
DM06	0,25	0,35	B3+B5	2900	THREE-PHASE 230/400 V-50/60 HZ 2-POLE (availability single phase motor) efficiency class IE1 protection rating IP55 - Ambient temperature -30°C + 45° C / ATEX motor available
	0,37	0,5	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

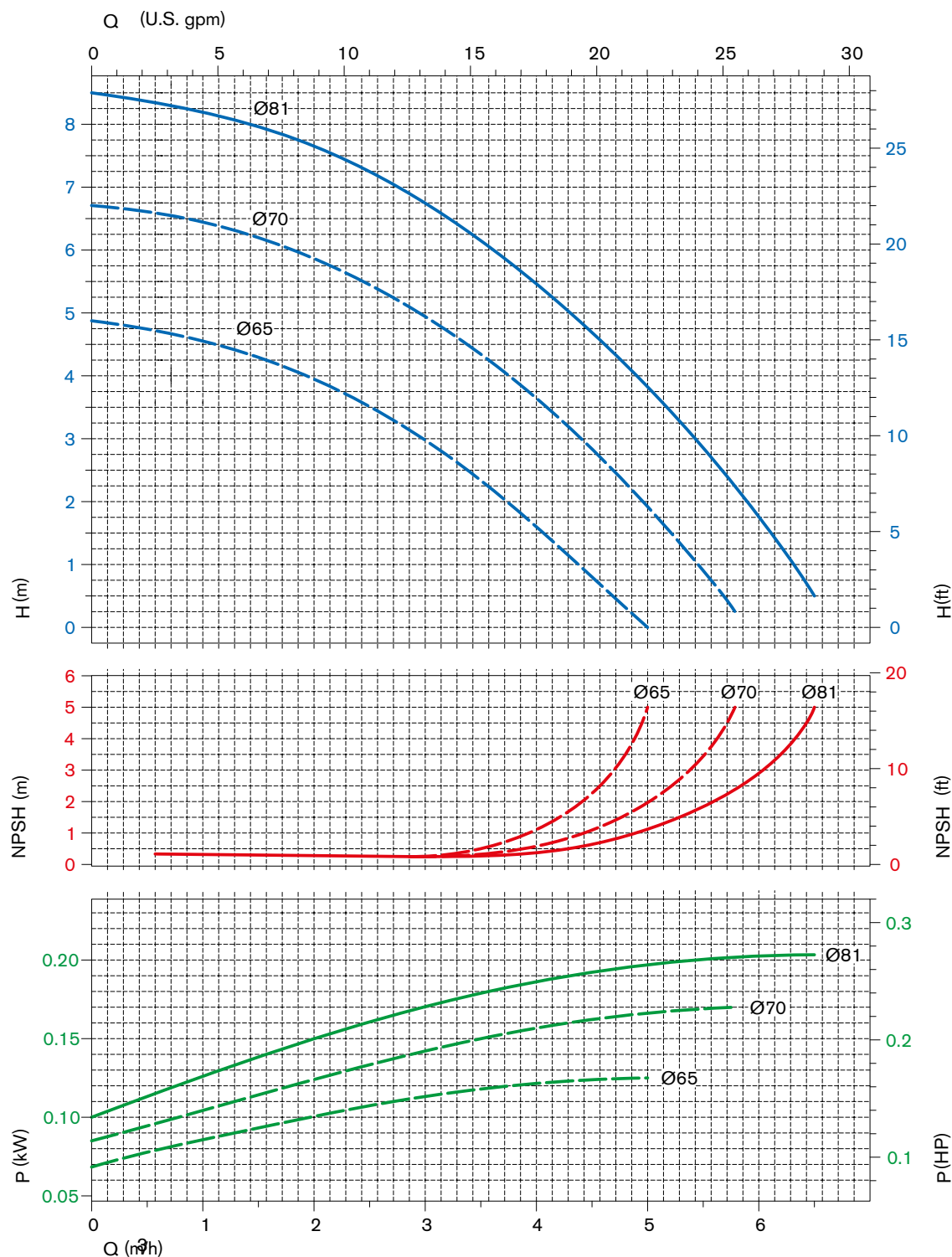
ATTENTION: technical data for standard motor, for any special design with reference to the pumped fluid contact DEBEM's technical support.



CE

Intake connections G 1" f (or DN 25 on request)
Delivery connections G 3/4" m (or DN 20 on request)
Max. flow rate 7 m³/h
Max. head 8,5 m
Construction materials PP - PVDF



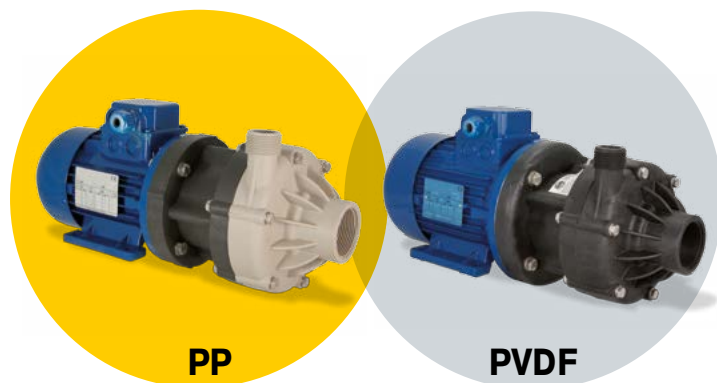


impeller	motor 0,25 Kw (0.35 HP)	motor 0,37 Kw (0.50 HP)
ø 81mm*	up to 1,2	up to 1,8
ø 70 mm	up to 1,5	up to 2
ø 65 mm	up to 1,8	up to 2

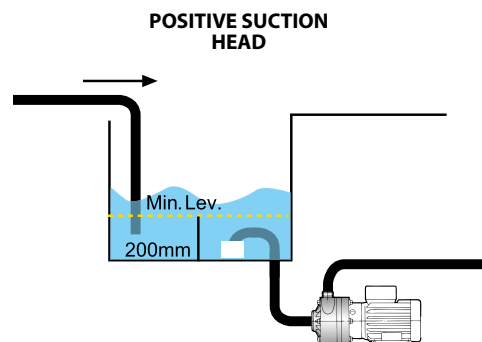
*standard

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

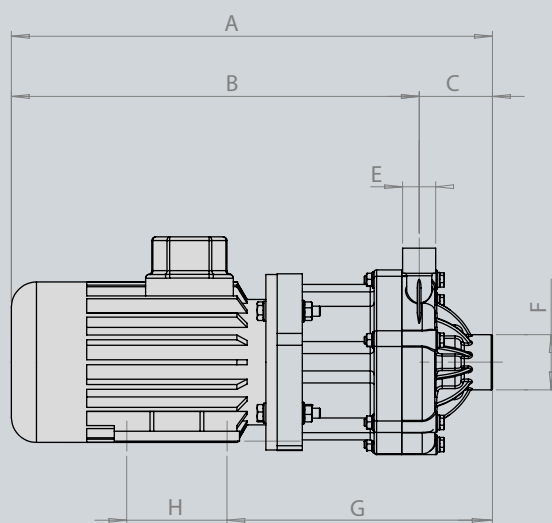
AVAILABLE MATERIAL



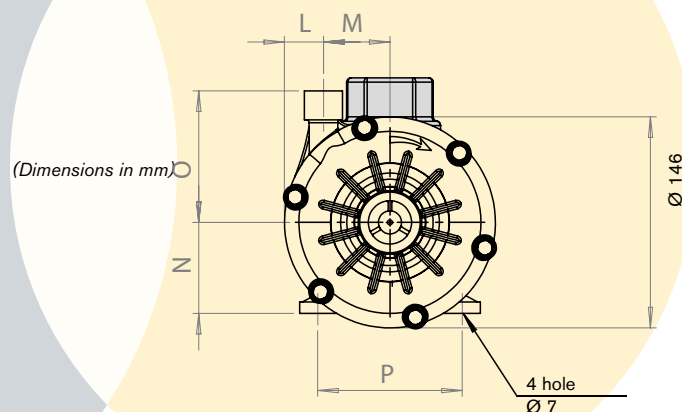
INSTALLATION



DM06
PP/PVDF



DM06
PP/PVDF



Packing: wooden case - 47 x 23 x 35 cm-weight 8 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
DM06	IEC 63	0,25 Kw	383	325	58	3/4" m ^(*)	1" f ^(*)	211	80	27	46	63	91	100	6,7	7
DM06	IEC 71	0,37 Kw	404	346	58	3/4" m ^(*)	1" f ^(*)	217	90	27	46	71	91	112	7,5	7,8
DM06	NEMA 56C	0,5 Hp	436	377	58	3/4" m ^(*)	1" f ^(*)	228	90	27	46	89	91	112	-	-

(*)gas bsp or NPT

MAGNETIC DRIVE CENTRIFUGAL PUMPS

DM 06



DM COMPOSITION CODE

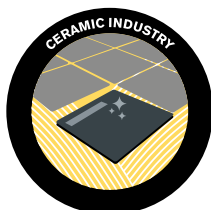
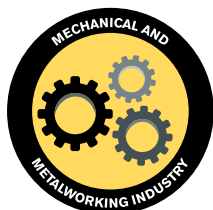
ex. **DM06P-SD1BE071**

DM06 in PP, Thrust washer standard, O-Ring EPDM, Impeller Ø 81, Connection BSP, Motor flange Mec, Motor Cassing 071

DM06	P-	S	D	1	B	E	071
PUMP MODEL	PUMP BODY	THRUST WASHER	O-RING	IMPELLER	CONNECTION	MOTOR FLANGE	MOTOR CASSING
DM06	P - Polypropylene FC - PVDF +CF	S - Standard (ceramic + PTFE Grafite)	D - EPDM V - Viton	DM06 1=Ø 81 2=Ø 70 3=Ø 65	N - NPT B - BSP	E - MEC U* - NEMA	DM06 063 071

* 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

PRODUCT APPLICATION



MAGNETIC DRIVE CENTRIFUGAL PUMPS

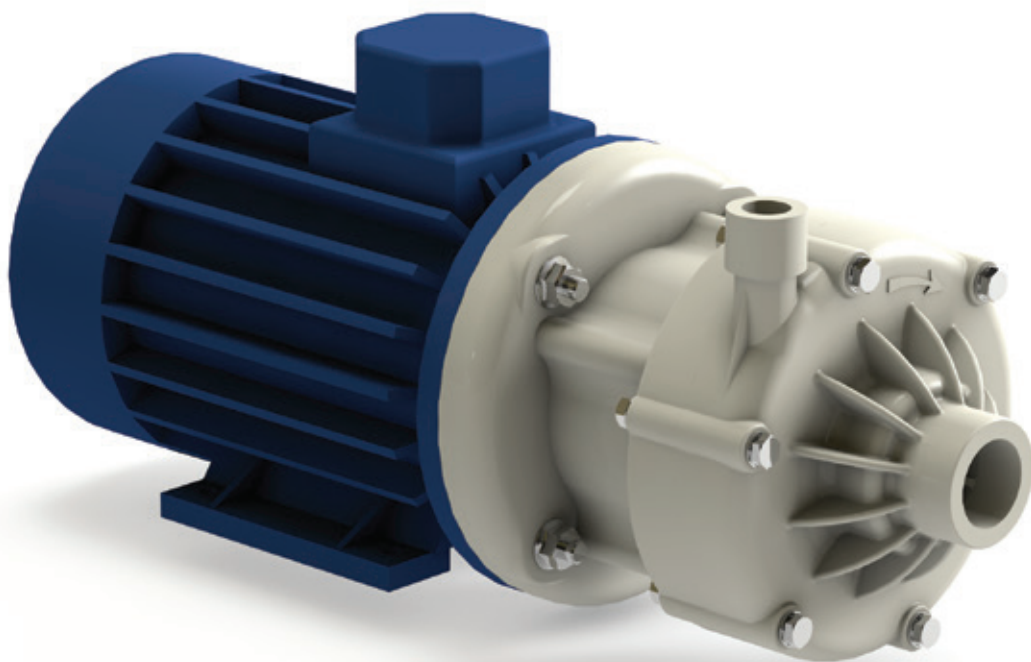
DM 10

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)

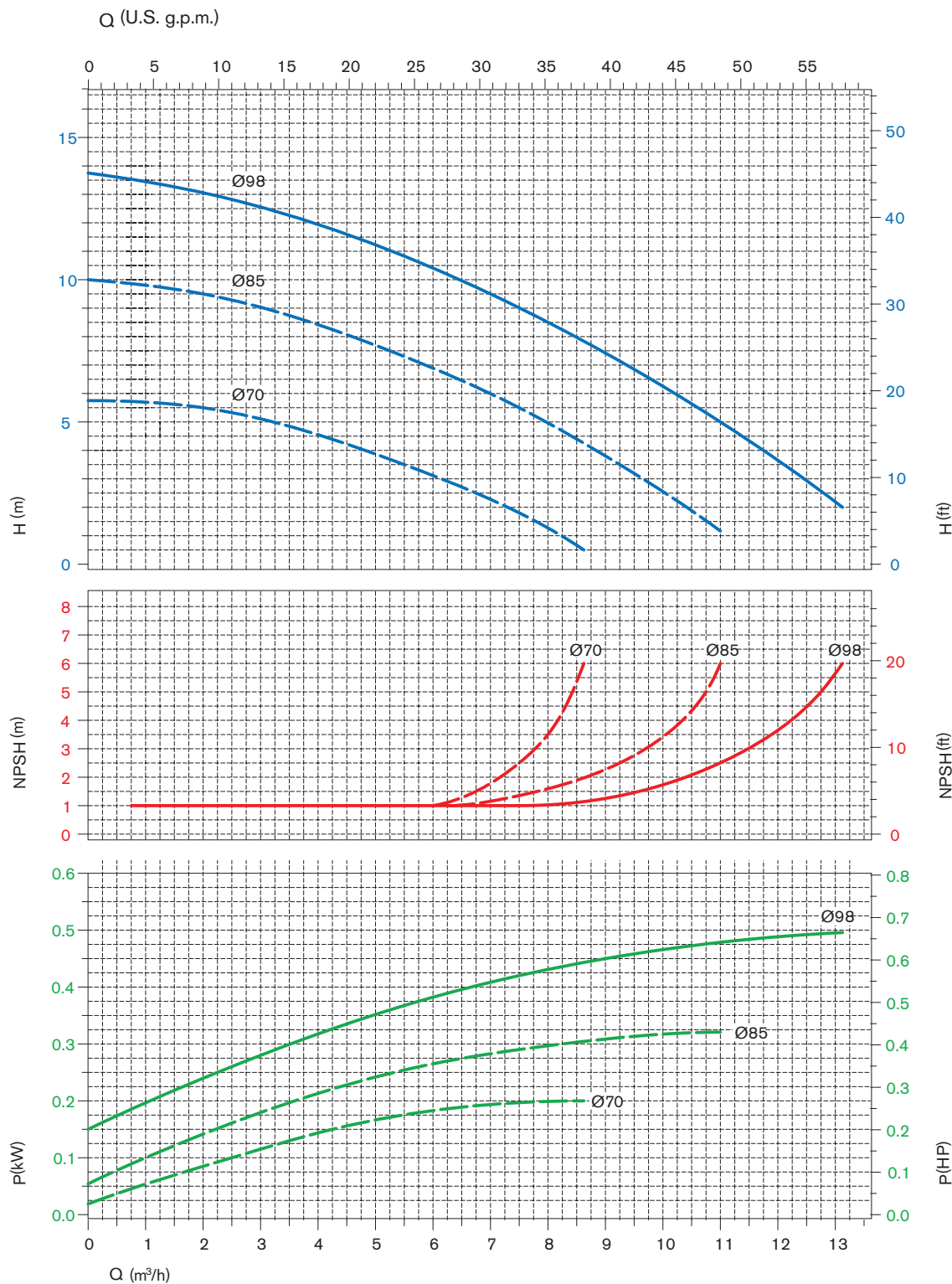
Delivery connections G 1" m (or DN 25 on request)

Max. flow rate 13 m³/h

Max. head 14 m

Construction materials PP - PVDF



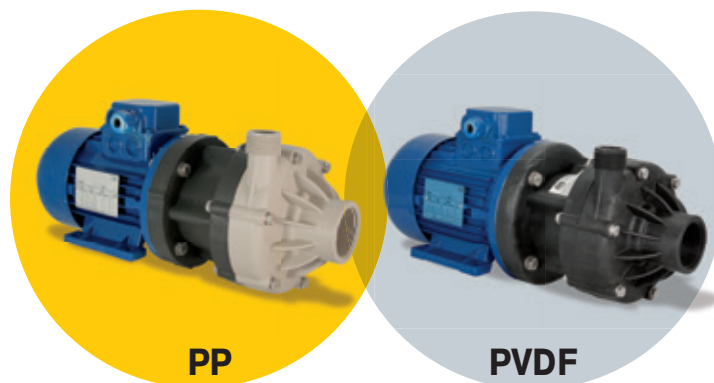


impeller	motor 0,55 Kw (0.75 HP)	motor 0,75 Kw (1 HP)
ø 98mm*	up to 1,1	up to 1,5
ø 85 mm	up to 1,6	up to 2
ø 70 mm	up to 2	up to 2

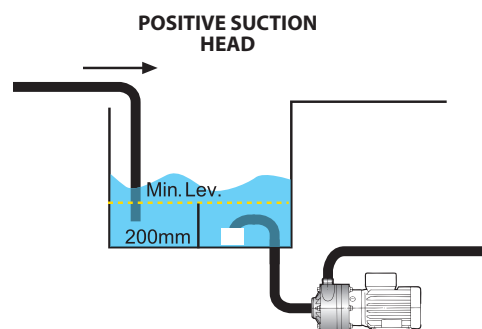
*standard

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

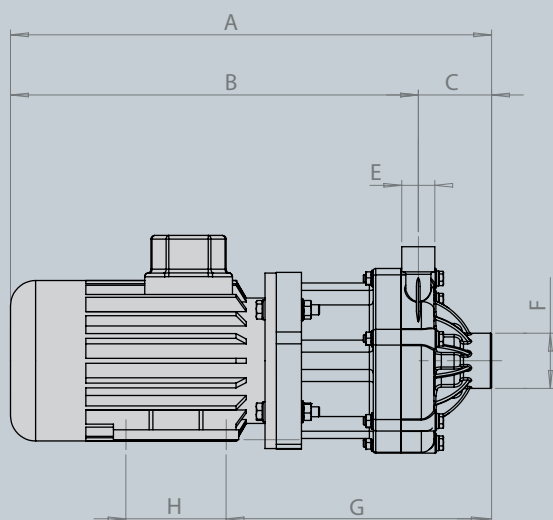
AVAILABLE MATERIALS



INSTALLATIONS

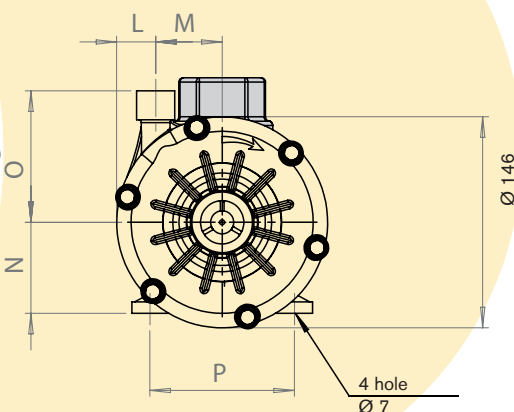


DM10
PP/PVDF



DM10
PP/PVDF

(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

MAGNETIC DRIVE CENTRIFUGAL PUMPS

DM 10



DM COMPOSITION CODE

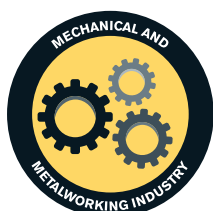
ex. **DM10P-SD1BE071**

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



MAGNETIC DRIVE CENTRIFUGAL PUMPS

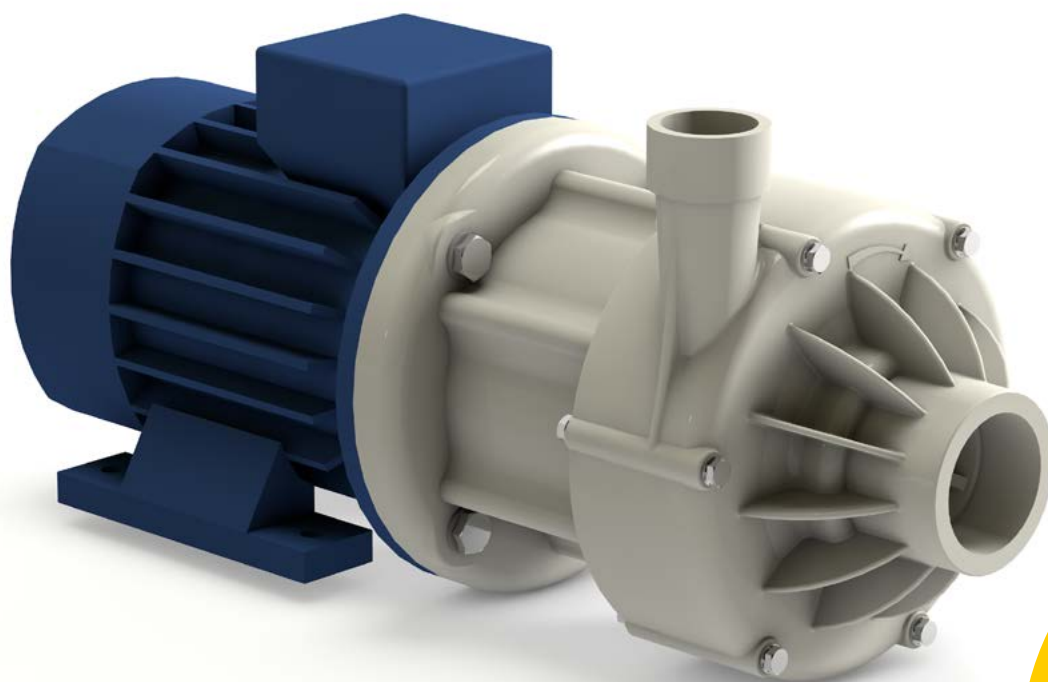
DM 30

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

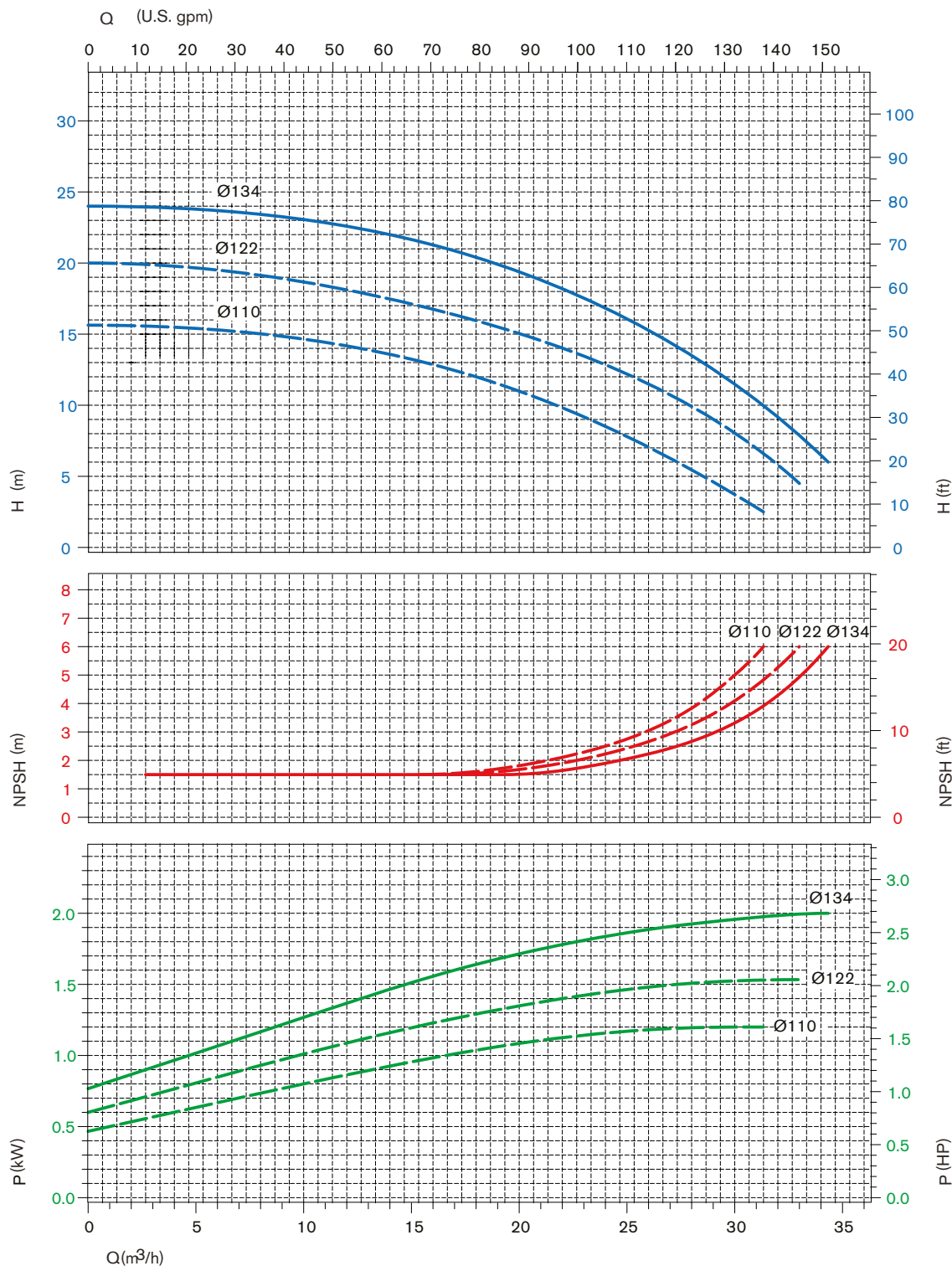
ATTENTION: technical data for standard motor, for any special design with reference to the pumped fluid contact DEBEM's technical support.



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



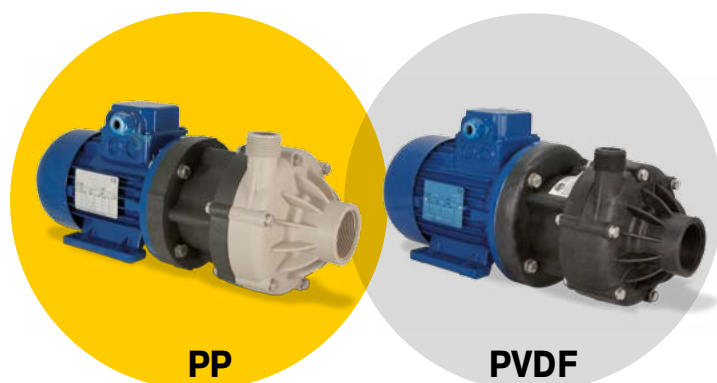


impeller	motor 2,2 Kw (3 HP)	motor 3 Kw (4 HP)	motor 4 Kw (5.5 HP)
ø 134 mm*	fino a 1,1	fino a 1,8	fino a 1,8
ø 122 mm	fino a 1,4	fino a 2	fino a 2
ø 110 mm	fino a 1,8	fino a 2	fino a 2

*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

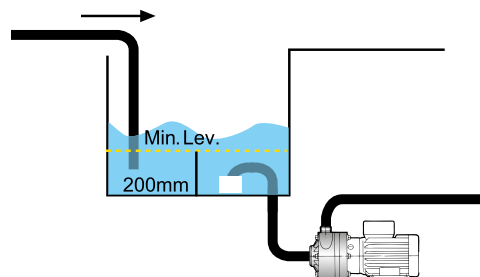


PP

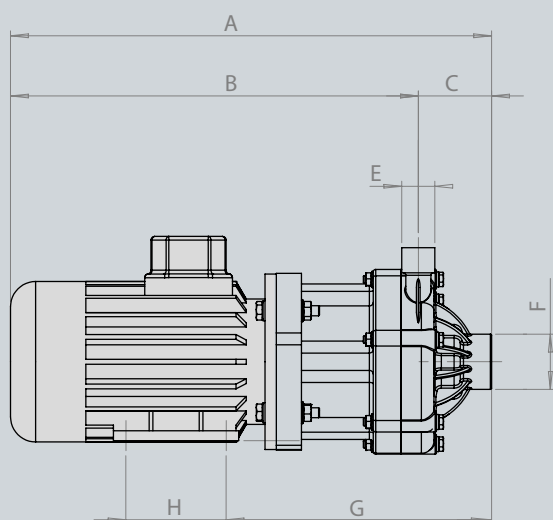
PVDF

INSTALLATION

POSITIVE SUCTION HEAD

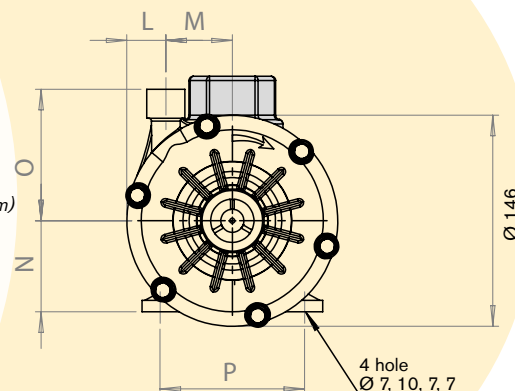


DM30 PP/PVDF



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

MAGNETIC DRIVE CENTRIFUGAL PUMPS

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

