



Usages:

The pumps are suitable to transfer liquids containing impurities measuring up to 2-3 mm. The hydraulic components, namely the brass impeller and the aluminium scroll and pump body allow the pumps to be used with water, emulsions and oily substances in general with a maximum viscosity of 3 Engler (21 CST).

The temperature of the liquid must not exceed 90 °C.

They are usually used on:

Machine tools

(milling machines – lathes - drills)

Glass processing machines

Filtration systems.

They should usually be installed on a tank, with a capacity in proportion to the flow rate, at about 4 – 5 cm. from the bottom. It is important to check that the maximum level of the liquid in the tank always remains 3 – 4 cm. lower than the flange (see figure).

In cases where the liquid is particularly dirty, the user is recommended to construct the tank in compartments to allow the dirt to deposit before it is stirred up by the pump.

For other usages you are advised to consult our technical office.

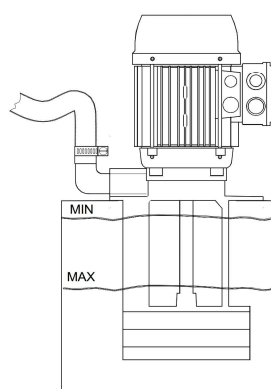
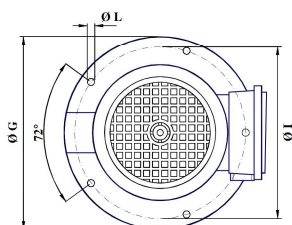
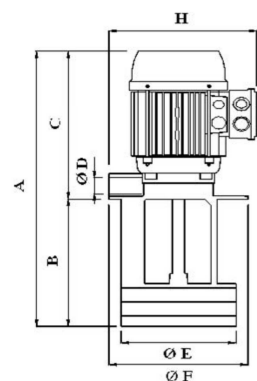
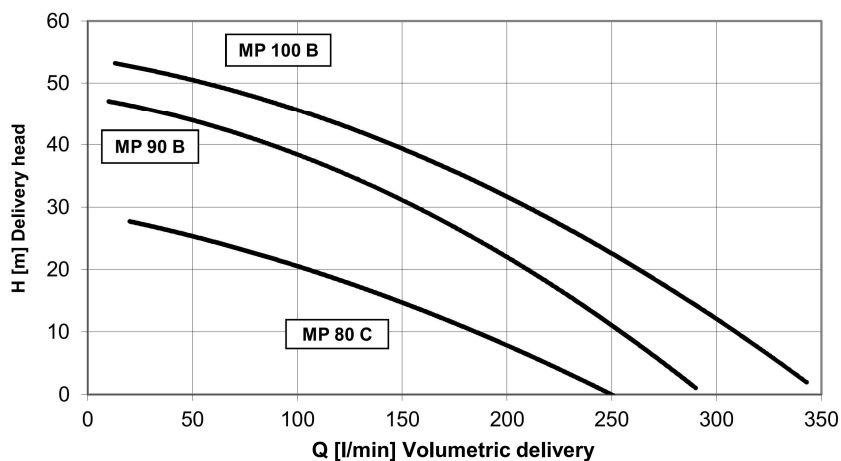


Table of dimensions and weights

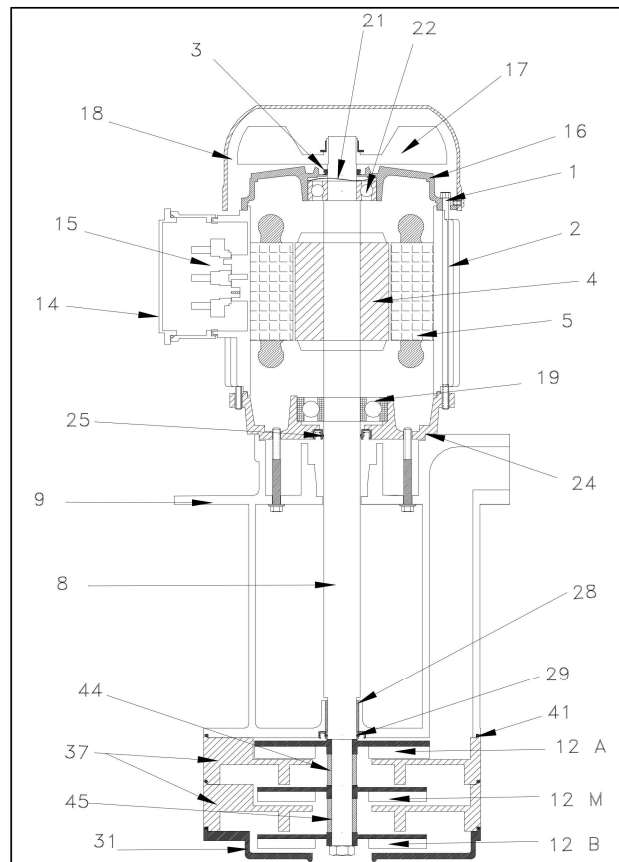
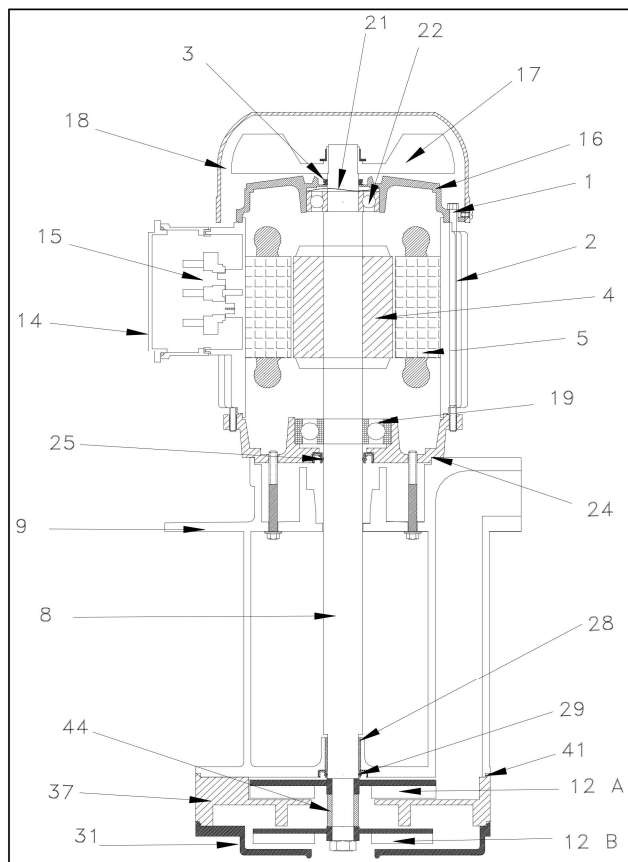
TYPE	A mm	B mm	C mm	ØD mm	ØE mm	ØF mm	ØG mm	H mm	ØI mm	ØL mm	Kg.
MP 80C	517	230	287	1"	190	190	230	245	204	9 N. 5	16,50
	567	280									17,00
	642	355									17,50
	757	470									18,00
MP 90B	590	265	325	1"	190	190	230	255	204	9 N. 5	22,00
	640	315									22,50
	715	390									23,00
	830	505									23,50
MP 100B	625	265	360	1-1/4"	202	220	250	275	235	9 N. 5	32,00
	675	315									32,50
	725	365									33,00
	775	415									33,50
	955	595									35,50

Electrical features

TYPE	KW. Input	Hz. 50		Hz. 60			
		230/400	254-290/440-500	230/400	208-230/440-460	254-277/440-480	318-346/550-600
MP 80C	2,20	6,2/3,6	4,8/2,8	7,4/4,3	6,5/3,8	6,2/3,6	5,2/3,0
MP 90B	3,60	9,4/5,4	7,4/4,3	11,2/6,4	9,5/5,5	9,4/5,4	7,8/4,5
MP 100B	5,70	17,3/10	13,8/8,0	20,7/12	17,6/10,2	17,3/10	14,4/8,3



The data of this diagram are referred to a viscosity not higher than 5 CST 20 °C.



Type MP 80 C

Type MP 90 B

Type MP 100 B

Components	
1	Rod
2	Frame
3	V-ring $\varnothing$ 20
4	Rotor
5	Stator
8	Shaft
9	Pump body
12	Impeller
14	Terminal box
15	Terminal block
16	Non-drive end shield
17	Fan cover
18	Fan cover
19	Bearing
21	Spring ring
22	Bearing
24	Drive end shield
25	Sealing ring
28	Bronze bearing
29	Sealing ring
31	House impeller
37	Diffuser
41	OR ring
44	Spacer
45	Spacer

Materials	
1	Steel
2	Aluminium
3	NBR $\varnothing$ 20
4	
5	
8	Steel C 40
9	Aluminium
12	Brass 58
14	Nylon
15	mm. 50x32 6P
16	Aluminium
17	Nylon***
19	6305 ZZ
21	$\varnothing$ 47
22	6204 ZZ
24	Aluminium
25	NBR 25x40x7
28	23x20x20
29	NBR 20x32x5
31	Aluminium
37	N. 1 Aluminium
41	NBR 180X2
44	Steel. 20X14X23,5
45	No

Materials	
1	Steel
2	Aluminium
3	NBR $\varnothing$ 25
4	
5	
8	Steel C 40
9	Aluminium
12	Brass 58
14	Nylon
15	mm. 50x32 6P
16	Aluminium
17	Nylon***
19	6305 ZZ
21	$\varnothing$ 52
22	6205 ZZ
24	Aluminium
25	NBR 25X47X7
28	23x20x20
29	NBR 20x32x5
31	Aluminium
37	N. 2 Aluminium
41	NBR 180X2
44	Steel 20X14X23
45	Steel 20X14X22

Materials	
1	Steel
2	Aluminium
3	NBR $\varnothing$ 30
4	
5	
8	Steel C 40
9	Aluminium
12	Cast iron G20
14	Nylon
15	mm. 50x32 6P
16	Aluminium
17	Nylon***
19	62207 2RS
21	$\varnothing$ 62
22	6206 ZZ
24	Aluminium
25	NBR 35X47X7
28	23x20x20
29	NBR 20X32X5
31	Aluminium
37	N. 2 Aluminium
41	NBR 180X2
44	Steel 20X14X21
45	Steel 20X14X21

On request

Sheet