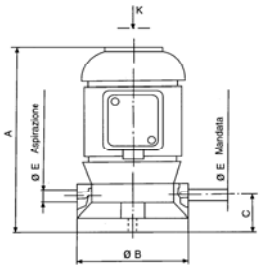
Self-priming pumps *Type AU 56 - 63*

Usages:

These pumps are suitable for transferring liquids containing impurities measuring up to 30 micron.

The hydraulic components, namely the brass scroll, the botttom in cast iron and the aluminium pump body, allow the pumps to be used with emulsions, oily substances and liquids in general as long as they are not oxidative for construction materials.
Viscosity must not exceed 3° Engler (21 CST).

They must be installed at the top of the tank and must be primed before use.
If the pump sucks in air due to lack of liquid, priming must be repeated.
To ensure a long life for the pump, never let it turn when it is dry since the mechanical seal is not self-lubricated.
Where possible, the installation of a suction filter is recommended.
For other usages you are advised to consult our technical office.

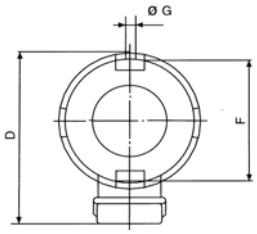


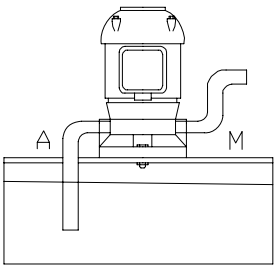
Dimensions and weights

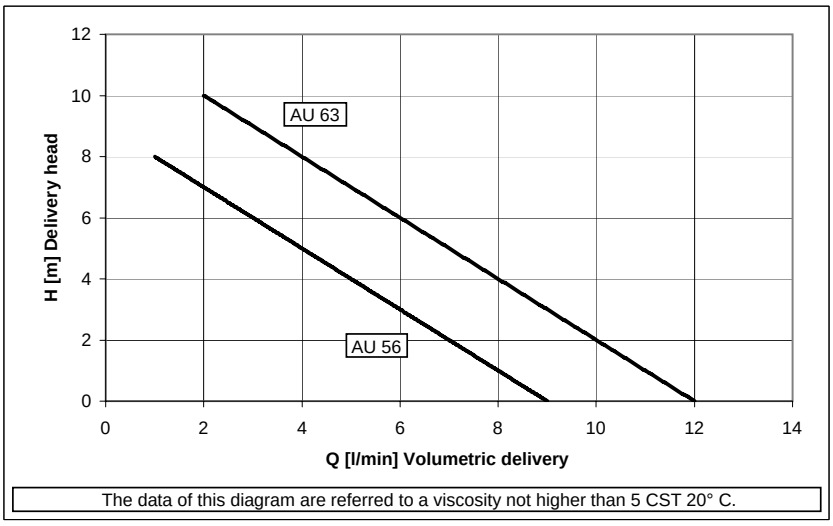
TYPE	A mm	ØB mm	C mm	D	ØE mm	ØF mm	ØG mm	Kg.
AU 56	215	115	48	144	3/8" 1/2"	95	7	4,33
AU 63	270	115	48	165	1/2"	95	7	5,05

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
AU 56	0,16	0,9/0,55	0,7/0,4	1,1/0,64	0,98/0,57	0,9/0,55	0,74/0,42
AU 63	0,30	1,0/0,58	0,76/0,44	1,2/0,7	1,1/0,6	1,0/0,58	0,8/0,45

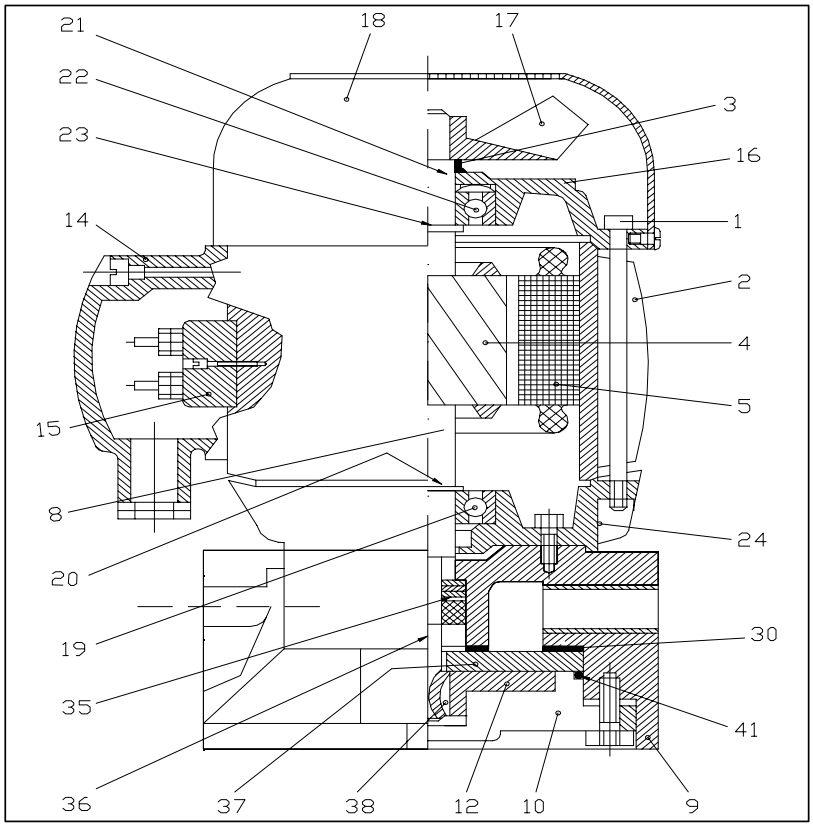






The data of this diagram are referred to a viscosity not higher than 5 CST 20° C.

Self-priming pumps — *Type AU 56 - 63*



Type	AU 56	
	Components	**Materials**
1	Rod	Steel
2	Frame	Aluminium
3	V ring	NBR ø 12
4	Rotor	
5	Stator	
8	Shaft	Steel C 40
9	Pump body	Aluminium
10	House impeller	Cast iron G 20
12	Impeller	Brass 58
14	Terminal box	Nylon
15	Terminal block	mm. 40x25 6P
16	Non-drive end shield	Aluminium
17	Fan	Nylon
18	Fan cover	Nylon
19	Bearing	6201 ZZ
20	Retaining ring	Seeger ø 12
21	Spring ring	ø 32
22	Bearing	6201 ZZ
23	Retaining ring	Seeger ø 12
24	Drive end shield	Aluminium
30	Gasket	Guarnital
35	Mecanical seal	ø 8
36	Retaining ring	Seeger ø 8
37	Diffuser	Cast iron G 20
38	Spline	3x5x13
41	Or ring	Viton 2,62x71,12

Type	AU 63	
	Components	**Materials**
1	Rod	Steel
2	Frame	Aluminium
3	V ring	NBR ø 16
4	Rotor	
5	Stator	
8	Shaft	Steel C 40
9	Pump body	Aluminium
10	House impeller	Cast iron G 20
12	Impeller	Brass 58
14	Terminal box	Nylon
15	Terminal block	mm. 40x25 6P
16	Non-drive end shield	Aluminium
17	Fan	Nylon
18	Fan cover	Nylon
19	Bearing	6202 ZZ
20	Retaining ring	Seeger ø 17
21	Spring ring	ø 35
22	Bearing	6003 ZZ
23	Retaining ring	=
24	Drive end shield	Aluminium
30	Gasket	Guarnital
35	Mecanical seal	ø 8
36	Retaining ring	Seeger ø 8
37	Diffuser	Cast iron G 20
38	Spline	3x5x13
41	Or ring	Viton 2,62x71,12