

# Immersion Pumps

SPV 12-18



## Usages:

The pumps are suitable to transfer liquids containing impurities measuring up to 2-3 mm. The hydraulic components, namely the impeller, scroll and pump body in PBT 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 70° C.

## They are usually used on:

**Machine tools** (milling machines – lathes – drills)  
**Glass processing machines** (TRI version)  
**Printing machines** (axis in AISI 420-304 – PBT on draught 270 mm.)  
**Air-conditioning systems**  
**Filtration systems**

They should usually be installed on a tank, with a capacity in proportion to the flow rate, at about 3 – 4 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**

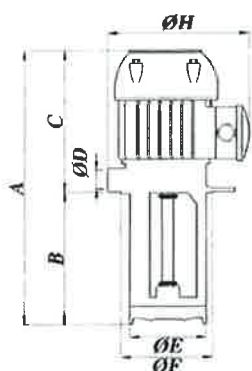


Table of dimensions and weights

TYPE	A mm	B mm	C mm	ØD	ØE mm	ØF mm	ØG mm	H mm	ØI mm	ØJ mm	Kg.
SPV 12	255	90 T									2,80
	285	120 T									2,87
	335	170 T									2,95
	385	220 T	165	3/4"	98	100	130	151	115	7 N. 4	3,05
	435	270 T									3,15
	515	350									3,30
SPV 18	255	90 T									2,85
	285	120 T									2,92
	335	170 T									3,00
	385	220 T	165	3/4"	98	100	130	151	115	7 N. 4	3,10
	435	270 T									3,20
	515	350									3,35

On request: T = execution TRI

## 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
SPV 12	0,15	0,55/0,32	0,53/0,30	0,84/0,50	0,57/0,33	0,55/0,32 0,55/0,32
SPV 18	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

