

# Submersible pumps

# Type SP 100-150



**Usages:**

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

**They are usually used on:**

- **Machine tools** (milling machines – lathes - drills)
- **Surface treatment systems**
- **Filtration systems**

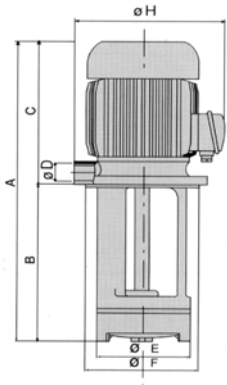
They should usually be installed on a tank, with a capacity in proportion to the flow rate, at about 3 – 4 cm. from the bottom. It is important to check that the maximum level of the liquid in the tank always remains 3 – 4 cm. lower than the flange (see figure).

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 mm	ØE mm	ØF mm	ØG mm	H mm	ØI mm	ØL mm	Kg.
<b>SP 100</b>	500	200	300	1 1/4"	138	140	180	230	160	9 N. 4	16,30
	570	270									17,10
	650	350									18,06
	740	440									19,10
	850	550									20,35
<b>SP 150</b>	500	200	300	1 1/4"	138	140	180	230	160	9 N. 4	17,60
	570	270									18,40
	650	350									19,30
	740	440									20,07
	850	550									21,90



**Electrical features**

Type	KW. Input	Hz. 50		Hz. 60			
		230/400	254-290/440-500	230/400	208-230/440-460	254-290/440-500	318-346/550-600
<b>SP 100</b>	1,15	3,3/1,9	2,6/1,5	4,0/2,3	3,6/2,1	3,3/1,9	2,8/1,6
<b>SP 150</b>	1,47	4,8/2,8	3,7/2,2	5,8/3,4	5,2/3,0	4,8/2,8	4,0/2,3

