

VERTICAL IMMERSION PUMPS

Series D24 - PP



D24-80/34-400-PP

176 - 440 gpm

Vertical single stage centrifugal immersion pump, sealless and dry-run safe for non-pressurized tank application.

The D24 series combine optimized hydraulic efficiency with a robust, compact and reliable construction, resulting in maximum installation uptime and a long service life, running 24/7.

Features

- Machined from, Simona® AlphaPlus™ high performance PP
- Very easy, leak free, in-tank installation
- Easy connection above cover
- Including complete +GF+ union end
- Free turning shaft, no seal or bearing, can run dry
- Impeller locked (no damage with wrong rotation direction)
- Self priming when flooded
- EPDM elastomers
- Max. temperature 80°C
- High quality European, purpose designed electric motor:
 - 3 phase, 50 Hz, 2900 rpm, IP55, multi voltage
 - with double layer 2C chemical resistant coating
 - full length SS shaft with PP protection pipe
 - suitable for frequency drive control
 - built-in PTC-thermistor
 - stainless steel fasteners
 - CE certified and UL listed

Options

- Customised mounting plate
- Mounting plate sealing
- Out of tank model
- Suction extension pipe
- Suction strainer
- Flange connection
- Union socket in PVC or CPVC
- Specific elastomers
- Vapour lock
- Fixation securing the pump
- Electric motor options:
 - EMC compatibility
 - motor mounted frequency drive
 - Ti shaft and fasteners
 - other RAL colour

Type	Material	Q max (gpm)	H max (ft)	Out (d/DN)	Immersion length (mm)
D24-50/27		286	99	63/50	
D24-55/35		286	115	63/50	
D24-60/42		308	132	63/50	
D24-60/29		321	99	75/65	
D24-65/37	PP	396	118	75/65	400
D24-70/42		361	135	75/65	
D24-80/34		405	115	75/65	
D24-90/38		418	129	75/65	
D24-100/42		440	142	75/65	

Motor kW	HP	I nom. (A)
		400V-50Hz
5,5	7½	10,2
7,5	10	13,7
9	12	16,7
11	14¾	20
15	20	27,8

all motors fit, selection based on duty point and application

