

VERTICAL IMMERSION PUMPS

Series D18 - PP/PVDF - 60Hz



D18-30-400-PP

12000 - 38000 l/h

200 - 640 l/min

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

The D18 series combines maximum hydraulic efficiency with a robust, compact and reliable construction, resulting in maximum installation uptime and a long service life.

Features

- Very easy, leak free, in-tank installation
- Including complete +GF+ union end
- Free turning shaft, no seal or bearing, can run dry
- Self priming when flooded
- EPDM elastomers for PP and FPM for PVDF
- Including suction strainer
- Max. temperature PP 80°C, PVDF 100°C
- High quality European, purpose designed electric motor:
 - 3 phase, 60 Hz, 3500 rpm, IP55, multi voltage
 - with double layer 2C chemical resistant coating
 - full length SS shaft with PP/PVDF protection pipe
 - including PP drip cover
 - suitable for frequency drive control
 - stainless steel fasteners

Options

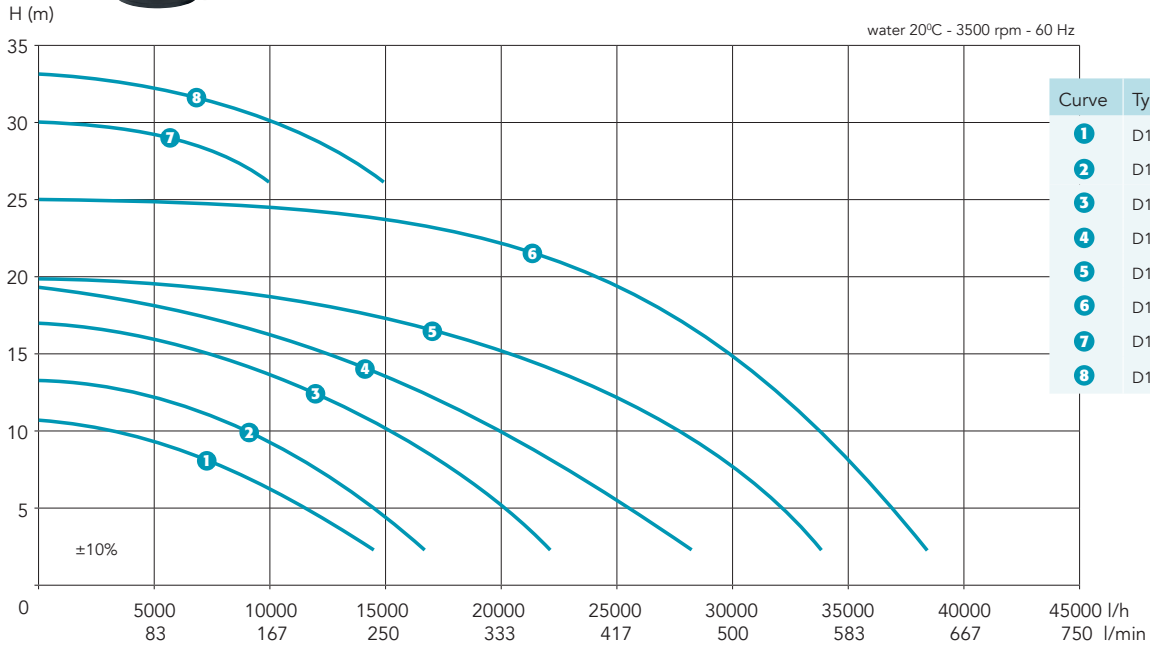
- Customised mounting plate
- Out of tank (OT), High pressure model (HD)
- Customised immersion length
- Suction extension pipe
- Impeller blocking
- Vapour lock
- FIP trapezoidal threaded outlet
- Hose connection
- Union socket in PVC or CPVC
- Specific elastomers
- Special versions for 200 Volt duty
- Electric motor:
 - EMC compatibility
 - including frequency drive
 - single phase
 - electrical lead (4 m)
 - filter pad for fan cover
 - other RAL colours

Type	Material	Q max (l/h)	H max (m)	Motor		I nom. (A) 460V-60Hz	Out (d/DN)	Net weight (kg)	
				kW	HP			PP	PVDF
D18-14-400	PP/PVDF	16500	10,5	0,55	3/4	1,4	25/20	14	16
D18-18-400		18000	13	0,75	1	1,5	32/25	18	18
D18-23-400		23000	16,5	1,1	1¼	2	40/32	19	19
D18-30-400		28500	19,5	1,5	2	2,5	40/32	24	24
D18-36-400		35000	20	2,2	3	3,5	40/32	27	30
D18-43-400		38000	25	3,0	4,5	4,8	50/40	31	34
D18-05-HD-400		10000	30	1,5 / 2,2	2 / 3	2,5 / 3,5	25/20	27	30
D18-10-HD-400		15000	33	2,2 / 3,0	3 / 4	3,5 / 4,8	25/20	33	36

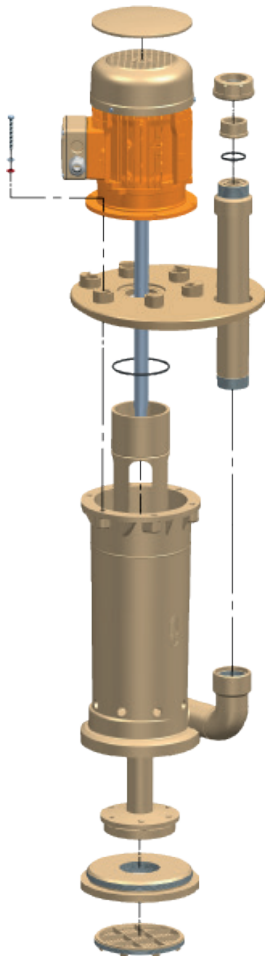


D18-18-400-PVDF

The black pump body of the PVDF version is made out of Carbon Fiber Reinforced PVDF to minimize thermal expansion, maintaining maximum efficiency at elevated temperatures.



Exploded view



Dimensions

Type	"B"	"C" PP	"C" PVDF	"D" d/DN
D18-14-400	243	411	407	25/20
D18-18-400	273	411	407	32/25
D18-23-400	273	411	407	40/32
D18-30-400	334	411	407	40/32
D18-36-400	352	411	407	40/32
D18-43-400	380	420	416	50/40
D18-05-HD-400	317	411	407	25/20
D18-10-HD-400	345	420	416	25/20

