

Product Information Vertical Immersion Pump VTP-BBF

Tradition creates innovation

The chemical centrifugal pumps from Lutz-Jesco have been developed particularly to be used for industrial applications and are thus especially sturdy and have a long service life – also in the case of most aggressive media and high-duty operation.

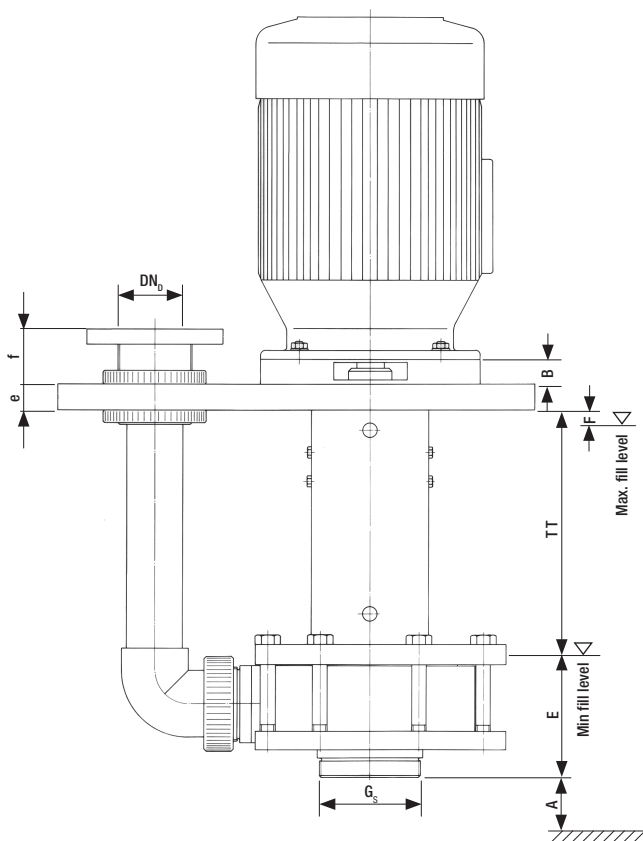
Simply dive it

Plastic pumps VTP-BBF are vertical immersion pumps corresponding to the proven and well-known two-pipe principle. The main components of the single-acting pump are assembled in block design (according to DIN EN 22858). The immersed section of the pump is without seals and is especially suited to convey low-viscosity, aggressive acidic, alkaline and solutions from depressurized tanks, open basins or reservoirs at flow rates of up to 80 m³/h.

In short

- Single-stage, vertical immersion pumps according to the two-pipe principle
- Immersion pump with especially designed three-phase A.C. motor
- Immersed section of the pump without seals
- Corrosion-resistant
- Wetted-end parts made of highly resistant material
- Special varnish for motor and metal parts

Dimensional figure



Technical data

Design	block design
Materials	PP, PVDF (further materials on request)
Max. flow rate Q	80 m ³ /h
Max. delivery head H	35 m
Motor power	0.37...7.5 kW
Speed	1450 min ⁻¹ and 2900 min ⁻¹
Ambient temperature	5 – 40 °C
Temperature of the medium	PP 0 – 80 °C, PVDF 0 – 120 °C (subject to the medium)

Immersion depth up to 500 mm,
with suction tube extension up to 800 mm

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Model variants

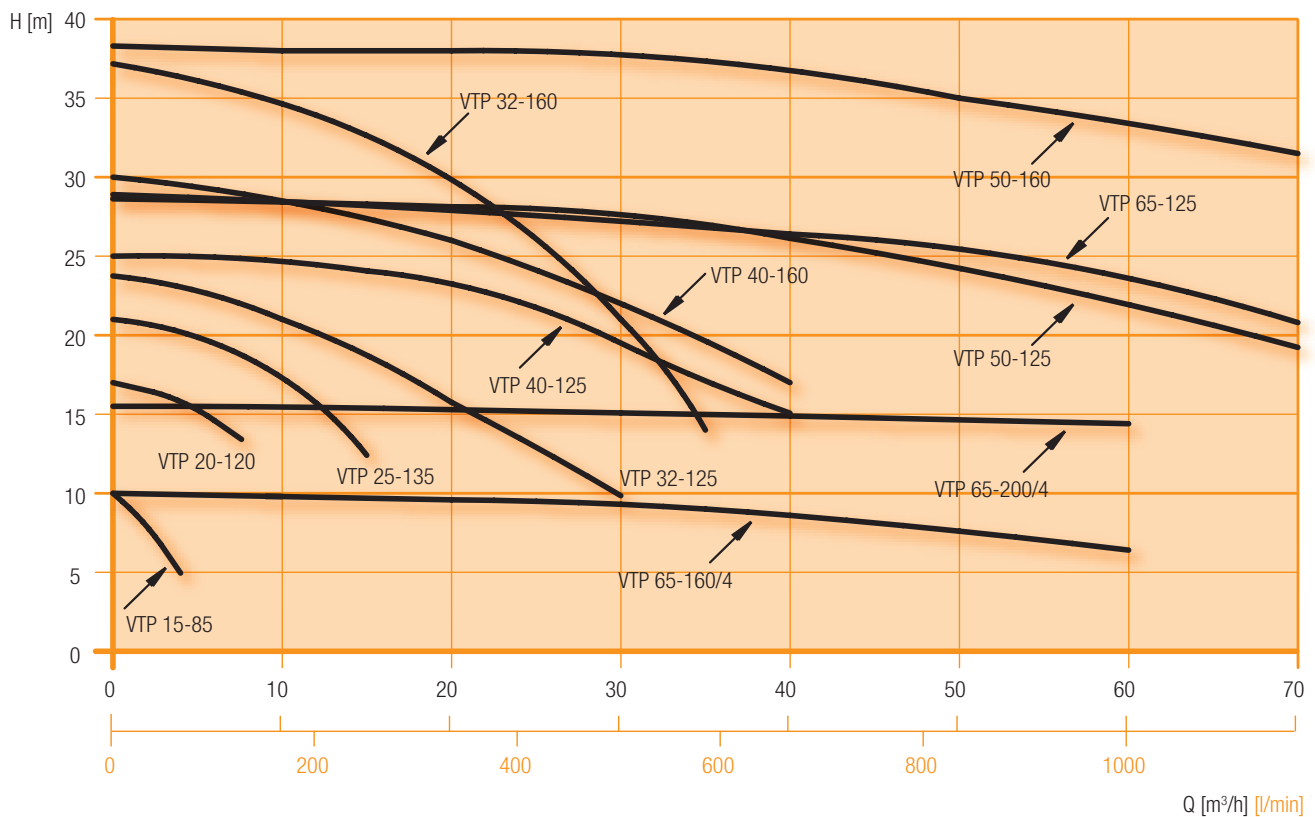
Type	15 - 85	20 - 120	25 - 135	32 - 125	32 - 160	40 - 125	40 - 160	50 - 125	50 - 160	65 - 125	65 - 160	65 - 200
DN _D flange outlet	15	20	25	32	32	40	40	50	50	65	65	65
G _s thread con. inlet *	G 1 1/4	G 2 1/4	G 2 1/4	G 3	G 3	G 3 1/2	G 3 1/2	G 4	G 4	G 4 1/2	G 5	G 5
E + TT	300	300/400	300/400	Selectable immersion depth 300, 400, 500 mm								
A	20	25	32	55	55	65	65	80	80	100	100	100
B	60	90	90	35	35	35	35	35	35	35	35	35
E	90	122	122	110	110	110	120	131	131	160	160	144
F	30	30	30	35	35	40	40	40	40	40	40	40
e	25	25	25	25	30	30	35	35	35	35	35	35
f	50	50	50	50	50	50	50	75	60	70	70	70

Immersion depth = E + TT

*) male

Dimensions in mm

Performance curve



Special designs, also with larger immersion depths, upon request.