

Vertical multistage in-line centrifugal pumps made in Stainless Steel. Standard totally enclosed, fan cooled, insulation class F, IP 55 motors. Single phase motors up to 2,2 kW. WRAS / ACS certified.

VF version: hydraulic part in AISI304 SS, pump inlet/outlet made in cast iron.

VX/VN version: whole pumps available in AISI304 or AISI316L.

VD version: hydraulic part in AISI904 /SS2205.



| Description | VDROO-1 | -3 | -5 | -10 | -15 | -20 | -32 | -45 | -65 | -90 | -125 | -150 | -210 |
|---------------------------------|----------|---------|----------|---------|--------|----------|----------|-------|-------|--------|--------|--------|----------|
| Rated flow [m³/h] | 1 | 3 | 5 | 10 | 15 | 20 | 32 | 45 | 65 | 90 | 125 | 150 | 210 |
| Rated flow [l/s] | 0.3 | 0.8 | 1.4 | 2.8 | 4.2 | 5.6 | 8,9 | 11,7 | 18 | 24 | 33 | 41,6 | 55,6 |
| Flow range [m³/h] | 0.5-2.4 | 1.2-4.4 | 2.5-8.5 | 5-14 | 8-24 | 10-29 | 16-40 | 25-55 | 30-80 | 50-110 | 60-150 | 80-180 | 100-240 |
| Max. pressure. [bar] | 24 | 23 | 24 | 24 | 24 | 23 | 29 | 30 | 22 | 17 | 16 | 16 | 16 |
| Motor power [kW] | 0.37-2.2 | 0.37-3 | 0.37-5.5 | 0.75-11 | 1.1-15 | 1.1-18.5 | 1,5-30 | 3-45 | 4-45 | 5,5-45 | 11-75 | 11-75 | 18,5-110 |
| Temp. [°C] | -15 ±180 | | | | | | -15 ±120 | | | | | | |
| Max. efficiency [%] | 48 | 58 | 70 | 72 | 73 | 73 | 73 | 75 | 76 | 77 | 74 | 73 | 79 |
| MEI rates | ≥ 0,8 | | | ≥ 0,7 | | | ≥ 0,7 | ≥ 0,7 | ≥ 0,7 | ≥ 0,6 | ≥ 0,6 | ≥ 0,6 | ≥ 0,6 |
| VF | • | • | • | • | • | • | • | • | • | • | • | • | • |
| VX, VN | • | • | • | • | • | • | • | • | • | • | • | • | • |
| VD | | | | | | | • | • | • | • | • | • | • |
| VF, VX, VN, VD DIN Flange | DN25 | DN25 | DN32 | DN40 | DN50 | DN50 | DN65 | DN80 | DN100 | DN100 | DN125 | DN125 | DN150 |
| VX, VN Cutting ferrule joint | DN32 | DN32 | DN32 | DN50 | DN50 | DN50 | | | | | | | |
| VX, VN Pipe thread | R1¼ | R1¼ | R1¼ | R2 | R2 | R2 | | | | | | | |
| VF, VX, VN Oval Flange | G1 | G1 | G1¼ | G1½ | | | | | | | | | |

