



fluidity.
nonstop

IT'S ABOUT KEEPING YOUR PROCESSES RUNNING

 AxFlow



Centrifugal pumps

LVS

Multi-stage vertical pumps

Suitable for pumping liquids of water viscosity, not explosive, partially aggressive liquids, with a low content of sand particles, for water supply systems, pressure increase in high buildings, water transport at higher altitude differences and the maintenance of pressure in closed pressure pipes.

Industrial use: In washing and cleaning devices, cooling and heating systems, in water treatment systems such as ultrafiltration, reverse osmosis, distillation systems and swimming pool technology. Also used in irrigation and watering systems as well as in fire protection systems.

Advantages: The pump is distinguished by its compact design, extreme efficiency, low noise, easy assembly, easy service and the simple replacement of seals.

Operating conditions: Pumped fluids must not be chemically aggressive on the pump material. If the pumped liquid deviates from water in terms of viscosity or density, this may result in an overload of the electric motor. Before each such application, the supplier must be consulted.

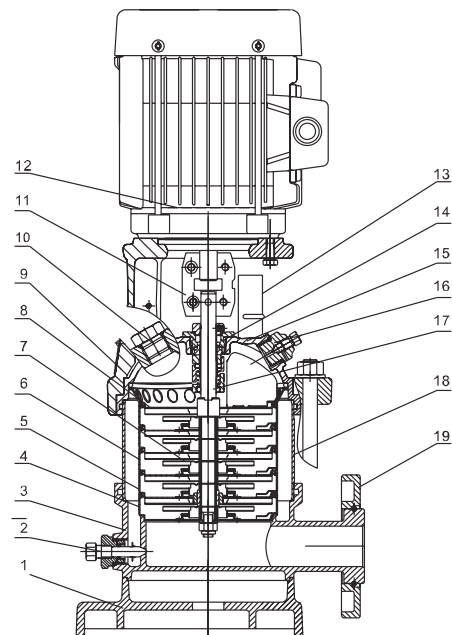
- Liquid temperature from -15 to 120 °C
- pH 3-9
- Maximum ambient temperature: 40 °C
- Maximum pressure of housing: 33 bar- Electric motor in accordance with IEC standards, cooled by its own fan, protection rating IP55, standard voltage 1 x 220 - 230 V or 3 x 400 V;

Constuction of the LVS pump

All parts in contact with liquid made of AISI 304, connection F = flange in accordance with DIN standards, integrated mechanical sliding seal, sealing VITON.

Outline

- | | |
|-----------------------------|------------------------------|
| 1 - base plate | 9 - motor mount |
| 2 - release screw | 10 - screw for charging |
| 3 - housing | 11 - clutch |
| 4 - lower rectifier | 12 - pump motor |
| 5 - rectifier with bearings | 13 - seal cover |
| 6 - middle rectifier | 14 - mechanical sliding seal |
| 7 - impeller | 15 - pump cover |
| 8 - upper rectifier | |

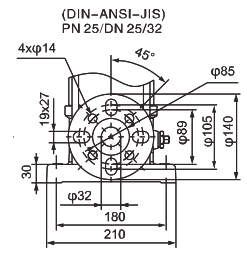
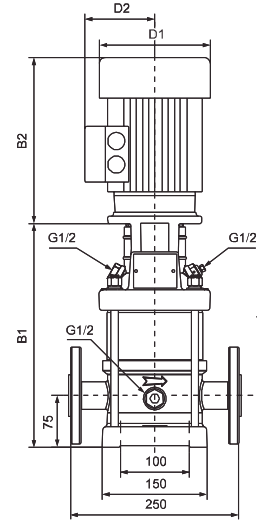




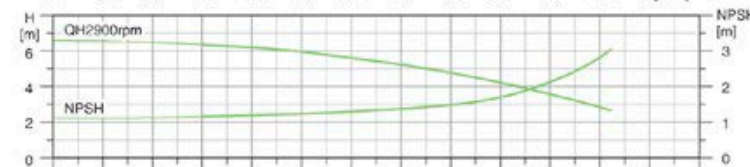
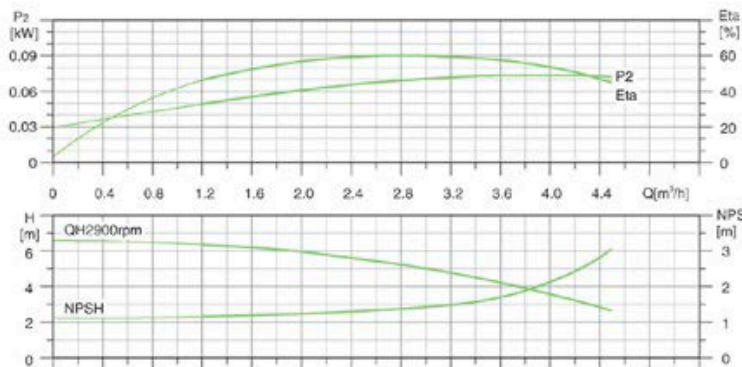
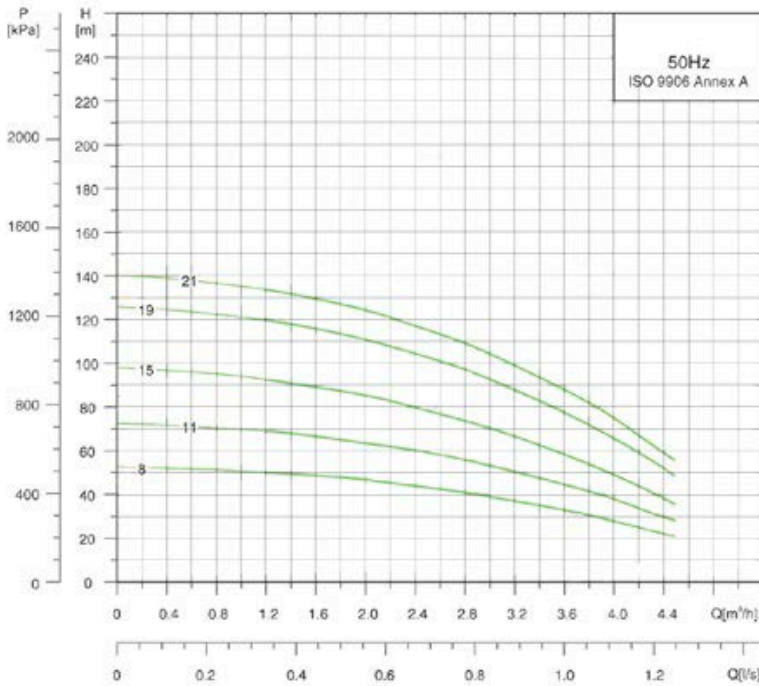
Centrifugal pumps

Model	Power (kW)	Q (m ³ /h)	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0
3-8	0.75	H (m)	51	48	47	44	41	37	33	28
3-11	1.1		69	66	63	60	56	50	44	38
3-15	1.1		92	89	85	80	73	66	58	49
3-19	1.5		119	116	111	104	97	88	77	65
3-21	2.2		133	129	124	117	109	99	88	75

Model	DIN flange (LVS)		D1	D2
	B1	B1+B2		
3-8	376	626	155	124
3-11	430	680	155	124
3-15	502	752	155	124
3-19	590	900	175	137
3-21	626	936	175	137



DIN FLANGE(LVS)/F

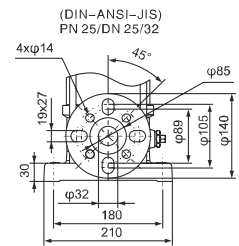
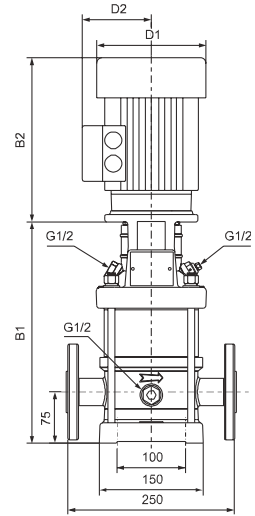




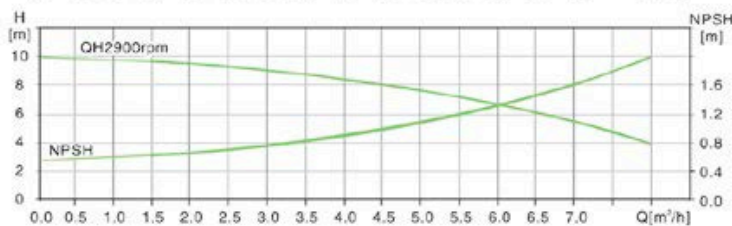
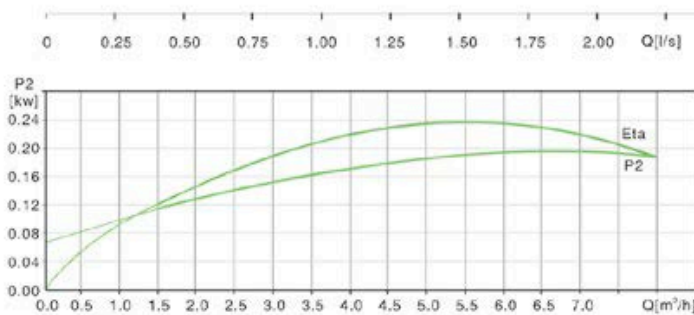
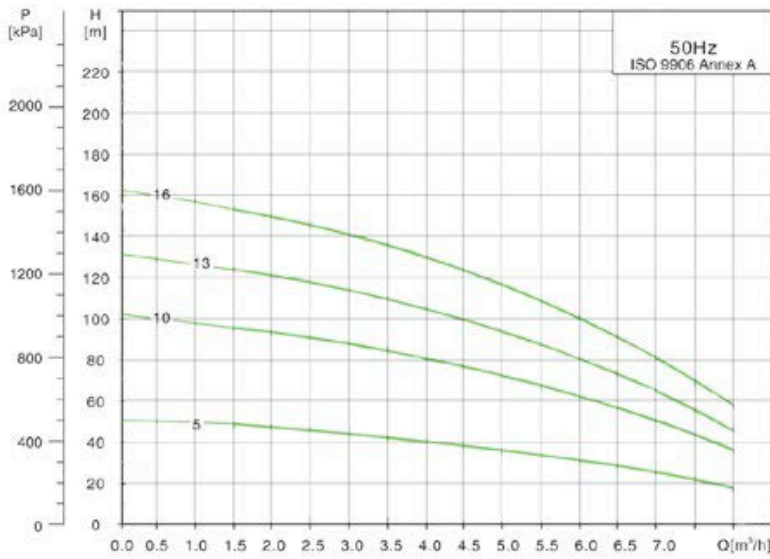
Centrifugal pumps

Model	Power (kW)	Q (m ³ /h)	1.5	2.0	3.0	4.0	5.0	6.0	7.0	8.0
4-6	1.1	H (m)	56	54	52	48	41	37	28	20
4-10	2.2		96	90	87	81	71	62	50	34
4-13	3.0		123	117	113	103	93	82	63	45
4-16	3.0		152	144	140	129	115	101	78	55

Model	DIN flange (LVS)		D1	D2
	B1	B1+B2		
4-6	376	626	160	125
4-10	501	791	180	125
4-13	590	920	190	140
4-16	671	1001	190	140



DIN FLANGE(LVS)/F

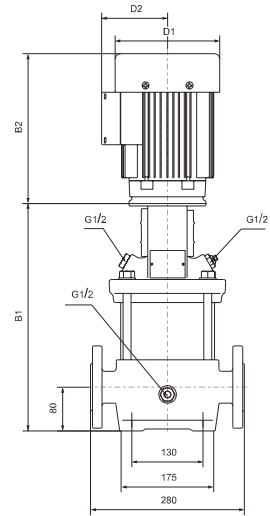




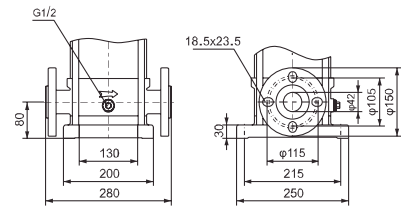
Centrifugal pumps

Model	Power (kW)	Q (m ³ /h)	2	4	6	8	10	12
10-6	2.2	H (m)	61	61	59	55	48	39
10-9	3.0		92	92	89	82	72	59
10-12	4.0		122	122	119	110	97	79

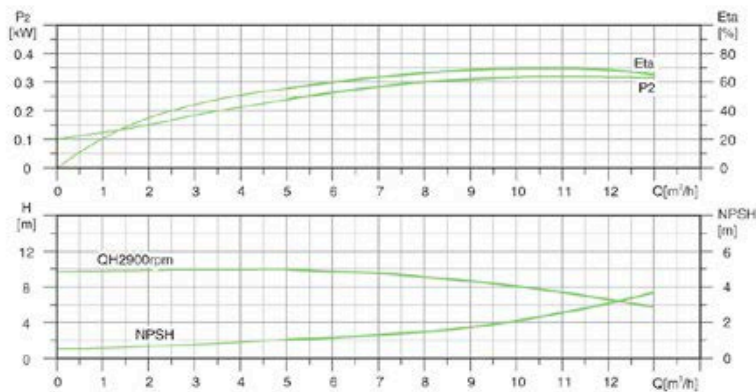
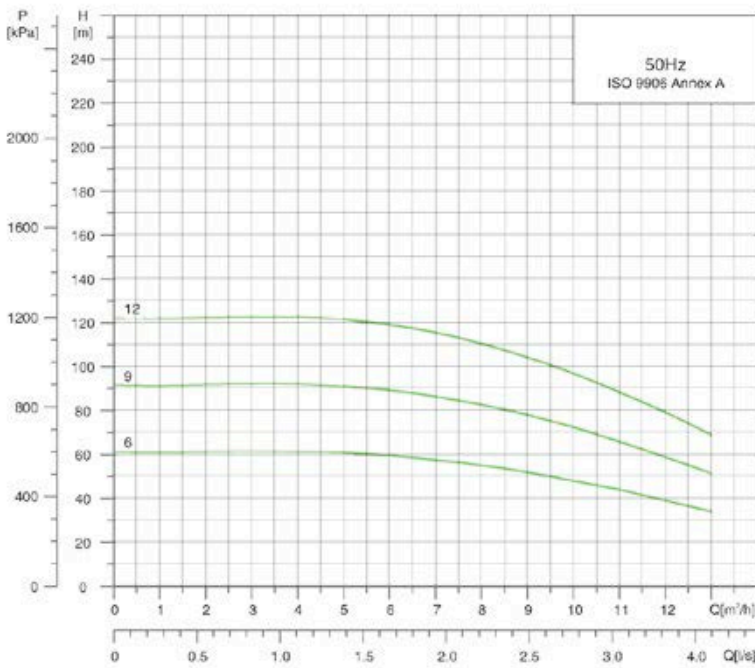
Model	DIN flange (LVS)		D1	D2
	B1	B1+B2		
10-6	503	813	175	137
10-9	598	928	195	151
10-12	688	1045	219	169



(DIN-ANSI-JIS)
PN 16-25/DN 40



DIN FLANGE(LVS)/F

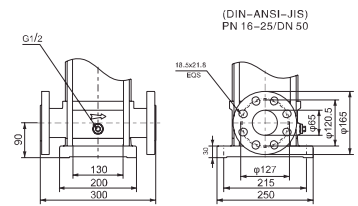
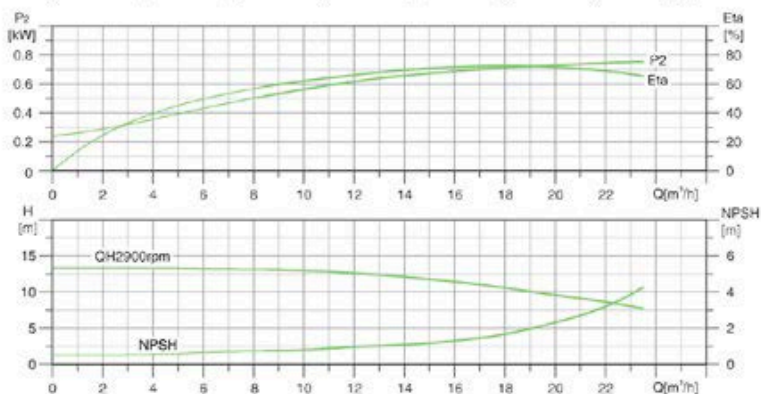
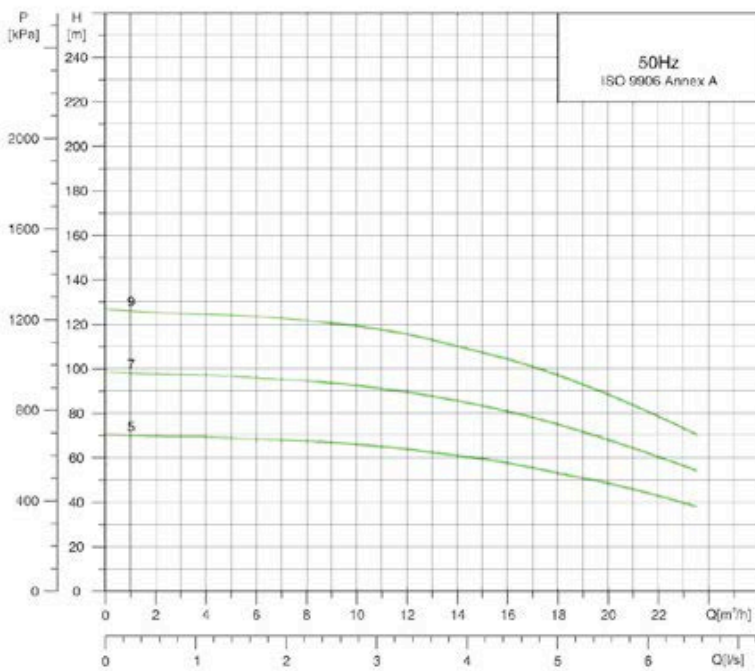
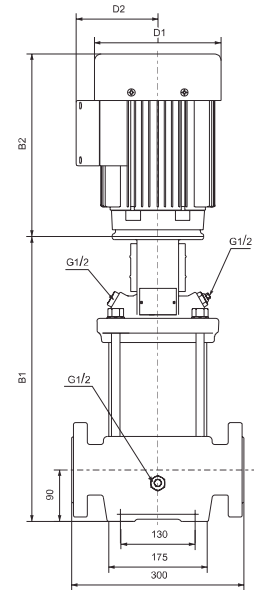




Centrifugal pumps

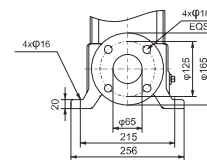
Model	Power (kW)	Q (m ³ /h)	3	6	9	12	15	18	21
15-5	4.0	H (m)	70	68	66	64	60	53	48
15-7	5.59		89	69	48	98	47	56	5
15-9	7.5		125	123	120	115	108	97	84

Model	DIN flange (LVS)		D1	D2
	B1	B1+B2		
15-5	553	910	219	169
15-7	675	1073	258	188
15-9	765	1163	258	188



DIN FLANGE(LVS)/F

PN 16-25/DN 50



fluidity.nonstop® is about keeping your processes running. And it's our promise and our commitment to a level of service and a quality of product, performance and expertise that has never been bettered.

By its nature, fluidity.nonstop is never static, that promise is ever-evolving and improving. As needs and demands change, we work to meet those new challenges and try to surpass them. We are Europe's leading source of pumps and pump expertise for the process industry and we intend to maintain that position by working fluidly and ceaselessly to be the best.

All certifications and standards listed for each product are certified by the manufacturer of each product and remain the manufacturer's liability.



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