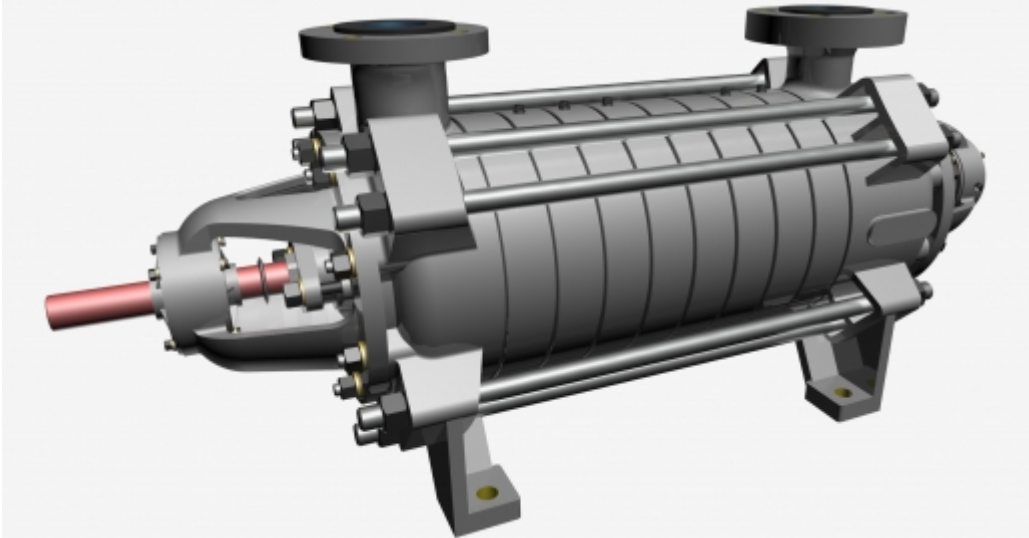


VELOXOS-50



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Catalog



2D



3D

SAVE TO PDF / PRINT

PUBLICATION - 2017-11-07

NOMINAL OPERATION PARAMETERS AT PURE WATER PUMPING

		Number of stages														
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Capacity	Q _n	27														m ³ /h
Head	H	80	120	160	200	240	280	320	360	400	440	480	520	560	600	m
Max. pressure in suction connector	P _s	1,0														MPa
Net positive suction head and rate of flow	NPSH	3,2														m
Weight	m	160	177	194	210	227	244	261	278	295	311	328	345	362	379	kg
Rotational speed	n	3000														rpm

TYPICAL APPLICATIONS

- pumping of pure water of slightly contaminated,
- district heating - boiler feedwater, boiler cleaning,
- energy - condensate pumping,
- papermaking - sieves cleaning,
- sugar factory - sieves cleaning,
- food industry - supply of steam generators,
- coking plant - ammonia water pumping, injectors supply,
- other industrial systems in which fluid parameters are similar to water with pH 6÷10.

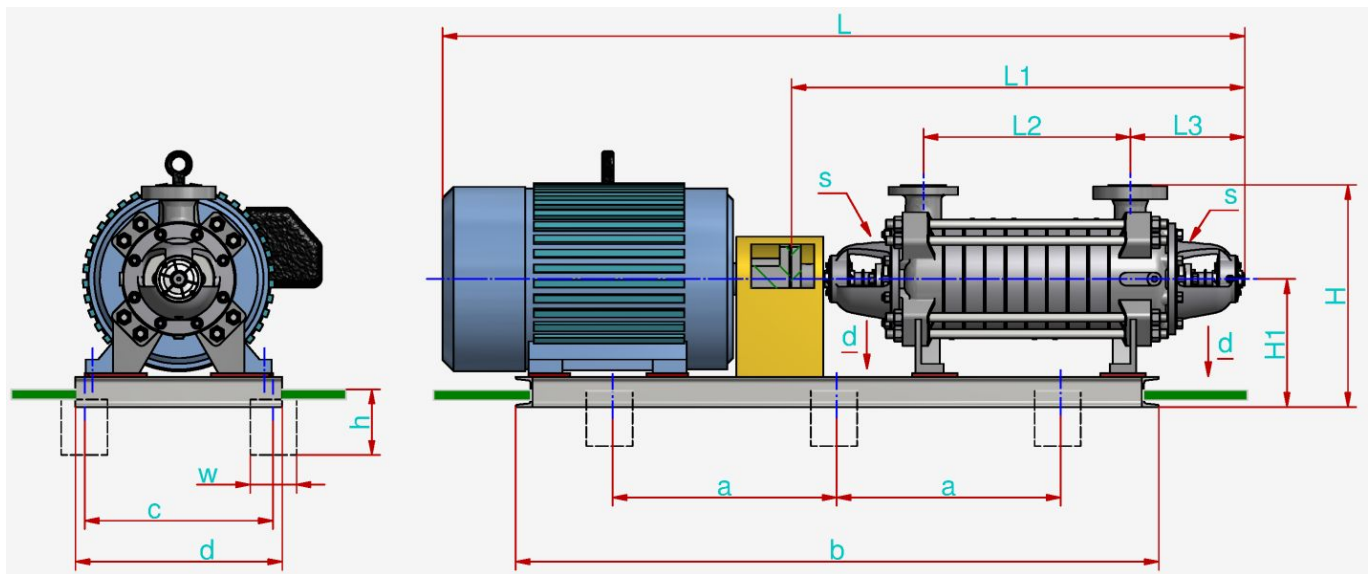
BASIC ADVANTAGES

- light and compact design,
- silent and smooth operation,
- temperature of pumped liquid can be up to 150°C,
- approved for operation in explosion-hazard zones - ATEX Ex I M2.

PUMP PERFORMANCE CURVE

IN PROGRESS

MAIN DIMENSIONS



	Number of stages														
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Suction connector	DN65 PN16 EN 1092-1														-
Discharge connector	DN50 PN100 EN 1092-1														-
L	1412	1537	1690	1745	1800	1905	2068	2123	2262	2317	2372	2423	2478	2533	mm
L₁	820	875	930	985	1040	1095	1150	1205	1260	1315	1370	1425	1480	1535	mm
L₂	165	220	275	330	385	440	495	550	605	660	715	770	825	880	mm
L₃	305														mm
H	610						680								mm
H₁	360						430								mm
a	620		708			715		840			1040				mm
b	1287		1485			1500		1750			2150				mm
c	330		370			450			510				mm		
d	380		420			520			580				mm		
h	250						300								mm
w	100														mm
Motor power	15	22	30	37	45	55	75				90				kW
Weight	399	461	559	596	612	672	812	829	1031	1047	1064	1237	1253	1270	kg

It is possible to produce pumps with parameters different than those presented in the tables and on the graphs per agreement with the manufacturer.