

VELOXOS-65



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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	45														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	3,5														m
Weight	m	162	181	199	217	235	253	272	290	308	326	344	363	381	399	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.
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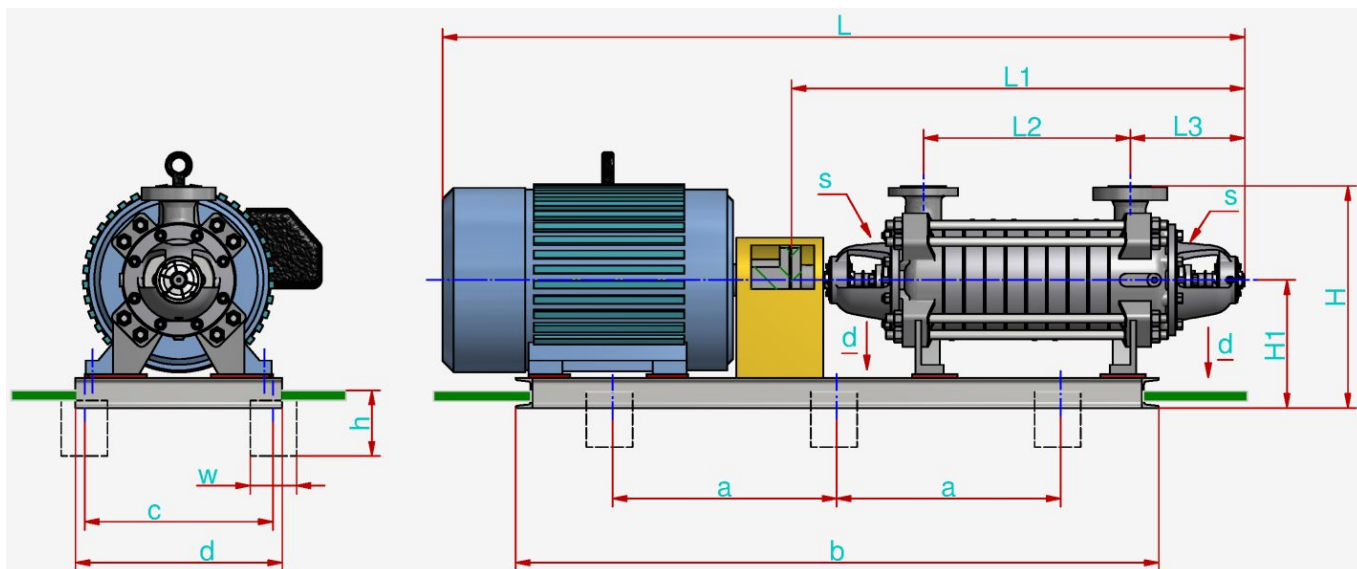
BASIC ADVANTAGES

- 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.
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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	DN80 PN16 EN 1092-1														-
Discharge connector	DN65 PN100 EN 1092-1														-
L	1477	1635	1740	1903	2042	2097	2203	2258	2390	2445	2500	2555	2709	2764	mm
L ₁	820	875	930	985	1040	1095	1150	1205	1260	1315	1370	1425	1480	1535	mm
L ₂	165	220	275	330	385	440	495	550	605	660	715	770	825	880	mm
L ₃	308														mm
H	610				640				715						mm
H ₁	360				390				465						mm
a	620	705			865				965		1090				mm
b	1287	1485			1800				2000		2250				mm
c	330	370			510				570						mm
d	380	420			580				640						mm
h	250	300													mm
w	100														mm
Motor power	22	30	45	55	75		90		110		132		160		kW
Weight	446	546	627	723	916	934	1107	1125	1410	1428	1556	1575	1688	1706	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.