

VELOXOS-80



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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		
Capacity	Q _n	75												m ³ /h
Head	H	120	180	240	300	360	420	480	540	600	660	720	m	
Max. pressure in suction connector	P _s	1,0												MPa
Net positive suction head and rate of flow	NPSH	4,0												m
Weight	m	286	319	352	385	418	451	484	517	550	583	616	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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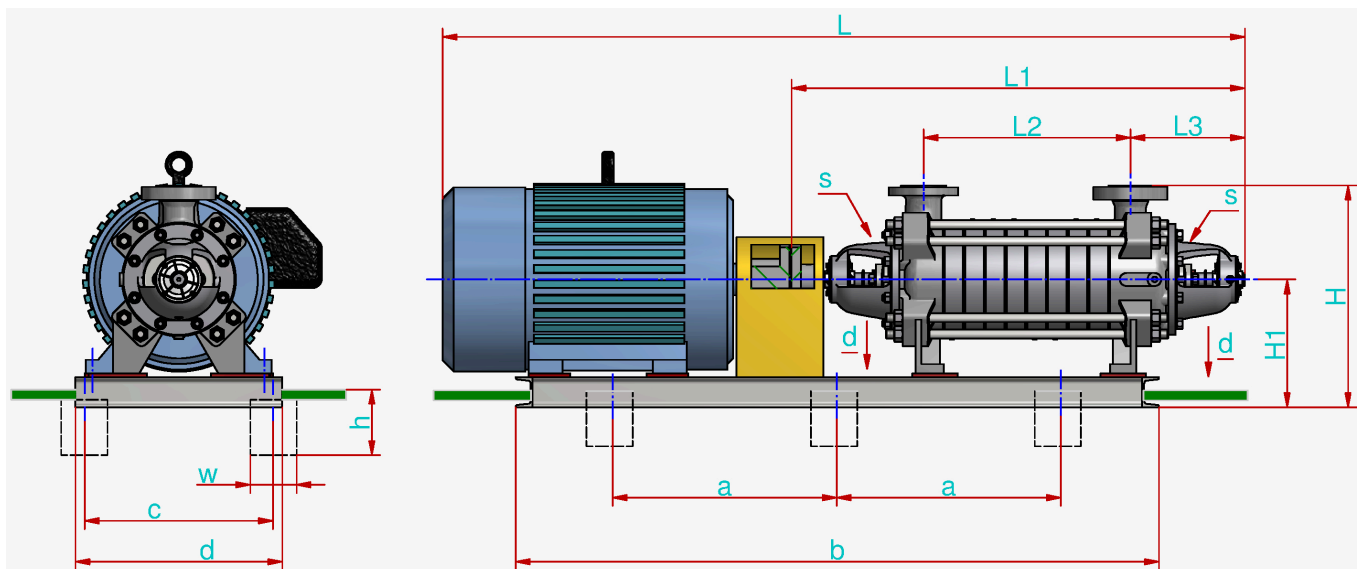
BASIC ADVANTAGES

- 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		
Suction connector	DN100 PN16 EN 1092-1											-	
Discharge connector	DN80 PN100 EN 1092-1											-	
L	1820	2082	2203	2350	2470	2589	2804	2874	3014	3084	3154	mm	
L ₁	1010	1080	1150	1220	1290	1360	1430	1500	1570	1640	1710	mm	
L ₂	210	280	350	420	490	560	630	700	770	840	910	mm	
L ₃	370											mm	
H	690			765			805					mm	
H ₁	390			465			505					mm	
a	715	865			965			1265					mm
b	1500	1800			2000			2600					mm
c	450	510			570			680					mm
d	520	580			640			750					mm
h	300						350					mm	
w	100						120					mm	
Motor power	45	75	90	110	132	160	200		250			kW	
Weight	719	996	1185	1484	1637	1725	2086	2119	2282	2315	2348	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.