

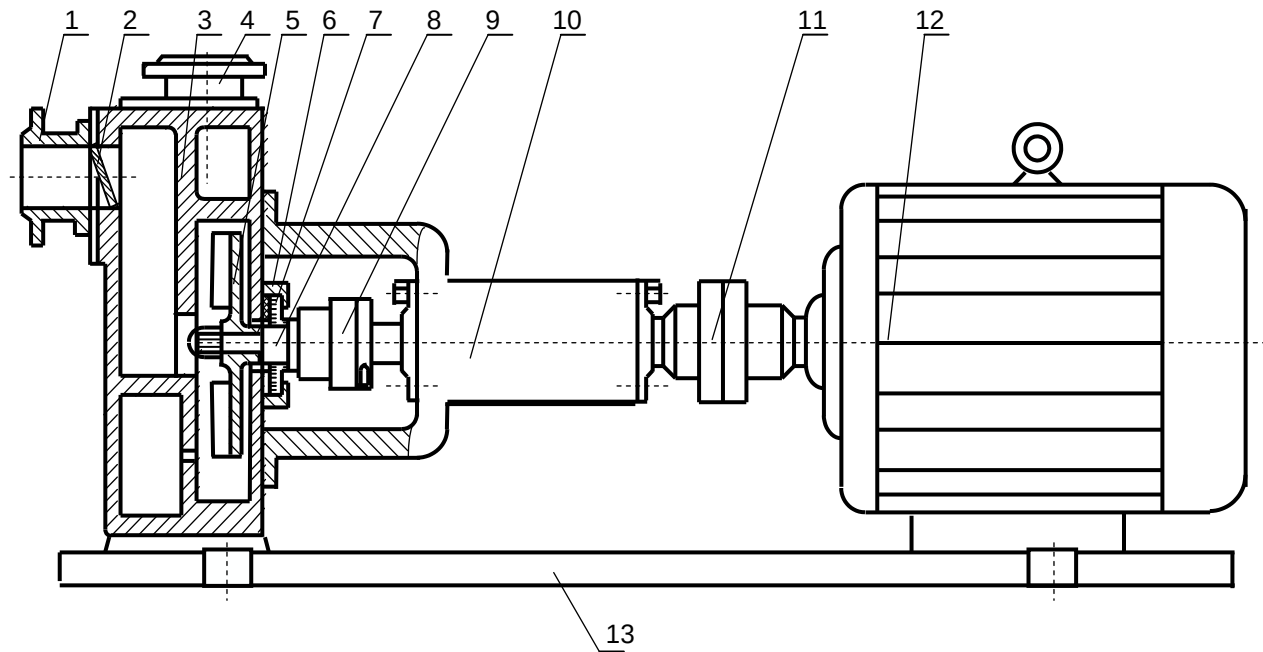
Electrically driven pumps AXH Q/H.6

Self-priming pumps of type AXH Q/H.6 have flow tube made of stainless steel, are equipped with single and double mechanical seals, double gland seals. The pumps are meant for pumping of aggressive liquids within temperature range from -30°C to +110°C.

Specification

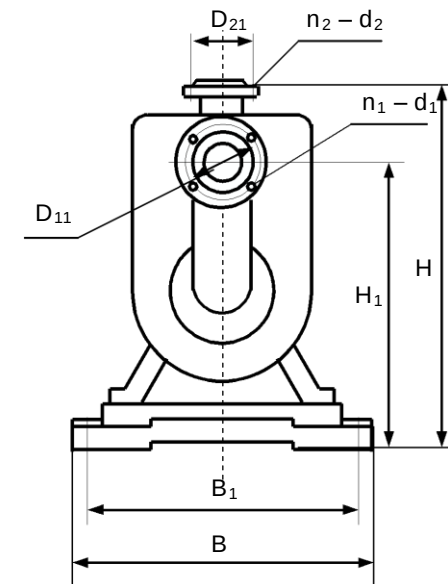
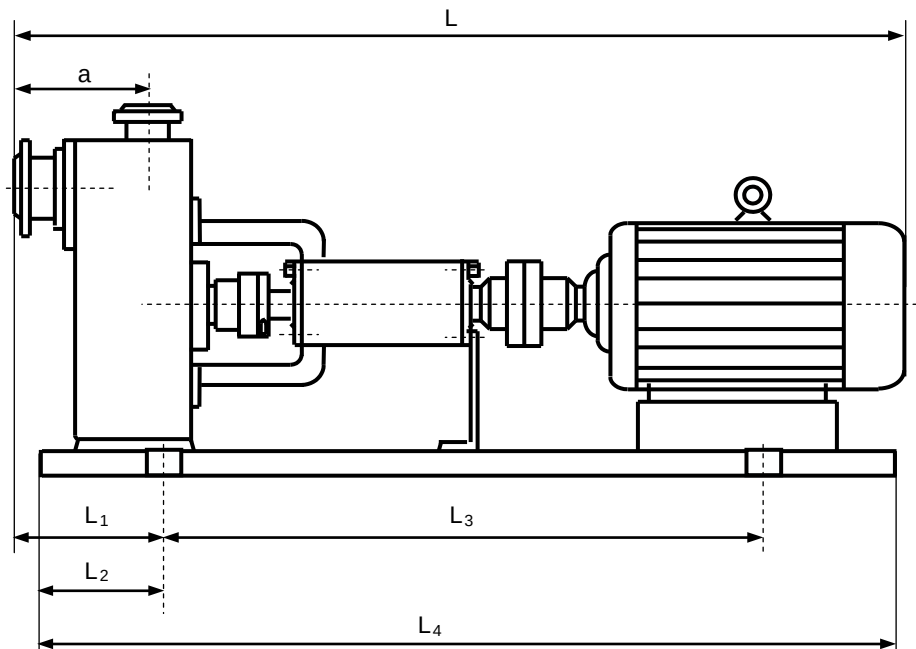
Model	Inlet-outlet-impeller, mm	Liquid consumption, Q m³/hour	Head H M	Efficiency η %	Npsh, M	Motors					
						Liquid density (ρ), kg/m³					
						1000		1350		1830	
						Type	N, kW	Type	N, kW	Type	N, kW
2900 r/min											
AXH 12,5/30.6	50-32-160	12,5	30	40	1.8	132SA2	5,5	132SA2	5,5	132SB2	7,5
AXH 12,5/48.6	50-32-200	12,5	48	34	1.8	132SB2	7,5	160MA2	11	160MB2	15
AXH 12,5/78.6	50-32-250	12,5	78	26	1.8	160MB2	15	180M2	22	200LA2	30
AXH 25/30.6	65-50-160	25	30	50	2	132SB2	7,5	160MA2	11	160MB2	15
AXH 25/48.6	65-40-200	25	48	48	2	160MA2	11	160MB2	15	160L2	18,5
AXH 25/78.6	65-40-250	25	78	39	2	180M2	22	200LA2	30	200LB2	37
AXH 25/123.6	65-40-315	25	123	30	2	225M2	45	250M2	55	280S2	75
AXH 50/30.6	80-65-160	50	30	60	2,4	160MA2	11	160MB2	15	180M2	22
AXH 50/48.6	80-65-200	50	48	59	2,4	160L2	18,5	180M2	22	200LA2	30
AXH 50/78.6	80-65-250	50	78	52	2,4	200LA2	30	225M2	45	250M2	55
AXH 50/123.6	80-65-315	50	123	28	2,4	280M2	90	315S2	110	315LA2	160
AXH 100/30.6	100-80-160	100	30	65	3,2	160L2	18,5	200LA2	30	200LB2	37
AXH 100/48.6	100-65-200	100	48	67	3,2	200LA2	30	200LB2	37	250M2	55
AXH 100/78.6	100-65-250	100	78	64	3,2	225M2	45	280S2	75	280M2	90
AXH 100/123.6	100-65-315	100	123	52	3,2	280M2	90	315M2	132	315LA2	160
AXH 200/48.6	125-100-200	200	48	72	4,5	250M2	55	280S2	75	315S2	110
AXH 200/78.6	125-100-250	200	78	69	4,5	280M2	90	315M2	132	315LA2	160
1450 r/min											
AXH 6,3/6.6	50-32-160	6,3	6	34	1	80A4	0,75	90S4	1,1	90L4	1,5
AXH 6,3/10.6	50-32-200	6,3	10	29	1	90L4	1,5	90L4	1,5	100LA4	2,2
AXH 6,3/18.6	50-32-250	6,3	18	22	1	100LB4	3	112M4	4	132S4	5,5
AXH 6,3/30.6	50-32-315	6,3	30	18	1	132S4	5,5	132M4	7,5	160M4	11
AXH 12,5/6.6	65-50-160	12,5	6	45	2	90S4	1,1	90L4	1,5	100LB4	3
AXH 12,5/10.6	65-40-200	12,5	10	43	2	90S4	1,5	100LA4	2,2	100LB4	3
AXH 12,5/18.6	65-40-250	12,5	18	33	2	112M4	4	132S4	5,5	132M4	7,5
AXH 12,5/30.6	65-40-315	12,5	30	24	2	132M4	7,5	160M4	11	160L4	15
AXH 25/6.6	80-65-160	25	6	55	2,4	90L4	1,5	100LA4	2,2	100LB4	3
AXH 25/10.6	80-50-200	25	10	54	2,4	100LB4	3	112M4	4	132S4	5,5
AXH 25/18.6	80-50-250	25	18	48	2,4	132S4	5,5	132M4	7,5	160M4	11
AXH 25/30.6	80-50-315	25	30	38	2,4	160M4	11	160L4	15	180M4	18,5
AXH 50/6.6	100-80-160	50	6	61	3,2	100LB4	3	112M4	4	132S4	5,5
AXH 50/10.6	100-65-200	50	10	64	3,2	112M4	4	132S4	5,5	132M4	7,5
AXH 50/18.6	100-65-250	50	18	60	3,2	132M4	7,5	160M4	11	160L4	15
AXH 50/30.6	100-65-315	50	30	52	3,2	160L4	15	180M4	18,5	180L4	22
AXH 100/10.6	125-100-200	100	10	68	2,2	132M4	7,5	160M4	11	160L4	15
AXH 100/18.6	125-100-250	100	18	67	2,2	160L4	15	160L4	15	180L4	22
AXH 100/30.6	125-100-315	100	30	63	2,2	180L4	22	200L4	30	225S4	37
AXH 200/10.6	150-125-200	200	10	72	3,2	160L4	15	180M4	18,5	180L4	22
AXH 200/18.6	150-125-250	200	18	70	3,2	180L4	22	200L4	30	225S4	37
AXH 200/30.6	150-125-315	200	30	69	3,2	225S4	37	225M4	45	280S4	75
AXH 200/48.6	150-125-400	200	48	62	3,2	280S4	75	280M4	90	315S4	110
AXH 400/18.6	200-150-250	400	18	72	4,5	225M4	45	250M4	55	280S4	75
AXH 400/30.6	200-150-315	400	30	70	4,5	280S4	75	280M4	90	315M4	132
AXH 400/48.6	200-150-400	400	48	68	4,5	315S4	110	315LA4	160	315LB4	200

Pump structure



No.	Name of details	Q-ty
1	Inlet fitting	1
2	Valve	1
3	Pump casing	1
4	Separator	1
5	Working wheel	1
6	Wall	1
7	Immovable ring of mechanical seal	1
8	Shaft	1
9	Moving part of mechanical seal	1
10	Undercarriage	1
11	Coupling	1
12	Electric motor	1
13	Base	1

Overall and connecting dimensions



For each size of the pump first three lines - 1450 rev/min, second three lines – 2900 rev/min,

Inlet-outlet-impeller, mm	ρ $\frac{\text{kg}}{\text{m}^3}$	D ₁₁	n ₁ -d ₁	D ₂₁	n ₂ -d ₂	a	L	L ₁	L ₂	L ₃	L ₄	B	B ₁	H ₁	H	n - d						
50-32-160	1000	125		90	4-14	120	1050	170	140	540	800	360	320	360	480							
	1350						1120															
	1800						1150															
	1000						1180	190	160	600	850	390	350	380								
	1350						1230											660	900	400	440	
	1800																					
50-32-200	1000						1100	200	170	600	850	390	350	395								
	1350						1150															
	1800						1190															
	1000						1280	210			1020	490	440	380								
	1350						1305															
	1800						1450															
50-32-250	1000						1350	200	180	660	1050	490	380									
	1350						1380															
	1800						1400															
	1000						1450	220	200	840	1180	540	490	395								
	1350						1490															
	1800						1500															
50-32-315*	1000						1230	200	180	660	900	490	440	395								
	1350						1400															
	1800						1470															
65-50-160	1000						145	4-18	125	4-18	200	1200	290	180		600	850	390	350	470	600	
	1350											1250										
	1800	1300																				
	1000	1420	310	200	740	1180						490	440	510								
	1350	1480																				
	1800	1520																				
65-40-200	1000	110			1150	280			170			600	850	390	350	470						
	1350				1200																	
	1800				1350																	
	1000				1430	310			200			740	1020	490	440	510						
	1350																					
	1800																					
65-40-250	1000				1340	290			190			660	1160	450	400	470						
	1350				1400																	
	1800				1580	320			220			840	1250	540	490	510						
	1000				1640																	
	1350				1700	350			250			940	1280	610	550	530						
	1800																					
65-40-315	1000				1340	300			200			840	1020	540	490	510	530					
	1350				1360																	
	1800				1400																	
	1000				2100	400			300			1200	1650	730	670	560	4-28					
	1350				2250																	
	1800				2305																	

* only 1450 rev/min

Inlet-outlet-impeller, mm	ρ kg м³	D ₁₁	n ₁ -d ₁	D ₂₁	n ₂ -d ₂	a	L	L ₁	L ₂	L ₃	L ₄	B	B ₁	H ₁	H	n - d																					
80-65-160	1000	160	8-18	145	8-18	250	1350	340	180	740	1050	490	440	510	720	4-19																					
	1380																																				
	1420																																				
	1550						360	200	1200								570	4-24																			
	1640																																				
	1680																																				
	80-50-200						1000						1150	340		180	600		980	390	350	550		4-19													
1350																																					
1800																																					
1220		360												570		4-24																					
1480																																					
1550																																					
80-50-250		1000		160									125					1580	200	740	1050	490		440	510		4-24										
	1350																																				
	1460	350																570										4-28									
	1500																																				
	1640																		400	250	940	1350		610	550		570		4-28								
	1700																																				
	1860																																				
80-50-315	1000															1450		350	200	840	1150	540		490	500			4-24									
	1350																																				
	1540															490													340	1200	1800	950	880	660	4-28		
	1600																																				
	1900																																				
	100-80-160															1000		180		160				1300	340			180	660	980	450	400	590			4-24	
																1420																					
1500																																					
1650		410						250								940								1350	610			550							640		4-28
1780																																					
1850																																					
100-65-200		1000														1450								360	200			740	1050	490	440	590			4-24		
	1350																																				
	1530	410														250		940		1200																610	550
	1605																																				
	1700																																				
	100-65-250	1000							180			160								1820					800			1180	550	490		4-24					
		1350																																			
1400																																					
1560		500	340			1200														1500			730	670											660	4-28	
1800																																					
1950																																					
100-65-315		1000																		2055			560	400	1200	1880		960	880	660					4-28		
	1760																																				
	1800	460							300			1000								1750																660	600
	2050																																				
	2450																																				
		2490																																			

Inlet-outlet-impeller, mm	ρ $\frac{\text{kg}}{\text{m}^3}$	D ₁₁	n ₁ -d ₁	D ₂₁	n ₂ -d ₂	a	L	L ₁	L ₂	L ₃	L ₄	B	B ₁	H ₁	H	n - d																									
125-100-200	1000	210	8-18	180	8-18	320	1400	450	250	800	1180	550	490	660	920	4-24																									
	1350						1655																																		
	1800																1765																								
	1000						2055	500	300	1200	1750	660	600	735		4-28																									
	1350						2105																																		
	1800						2200																																		
125-100-250*	1000						210	8-18	180	8-18	320	1640	470	270	940	1480	620	550	705	920	4-24																				
	1350											1680																													
	1800																					1720																			
	1000											2200	540	340	1400	1800	950	880	735																						
	1350											2260																													
	1800											2400																													
125-100-315*	1000	240	8-22	210	8-18	450						1640	470	270	940	1280	620	550	850	1160	4-28																				
	1350											1700																													
	1800											1765																													
150-125-200*	1000											240	8-22									210	8-18	450	1750	600	270	940	1280	620	550	850	1160	4-28							
	1350																								1780																
	1800																								1820																
150-125-250*	1000						240	8-22	210	8-18	450			2050	630	300	940	1505	620	550					850	1180									4-28						
	1350													2130																											
	1800													2200																											
150-125-315*	1000													240	8-22												210	8-18	450	2150	680	350	1060			1620	660	600	900	1200	4-28
	1350																													2320											
	1800																													2560											
150-125-400*	1000	240	8-22	210	8-18	450										2600	710	380	1200	1650	910				860	935				1250	4-28										
	1350															2780																									
	1800															2840																									
200-150-250*	1000											295	12-22			240	8-22					580	2450	830								400	1200	1730		730	670	980	1300	4-28	
	1350																						2600																		
	1800																						2780																		
200-150-315*	1000						295	12-22	240	8-22	580							2450	860	430	1200		1820	910	860	1015				1350					4-28						
	1350																	2650																							
	1800																	2780																							
200-150-400*	1000													295	12-22			240	8-22								580	2805	880			450	1200	1950		910	860	1015	1400		4-28
	1350																											2960													
	1800																											3050													

* only 1450 rev/min