

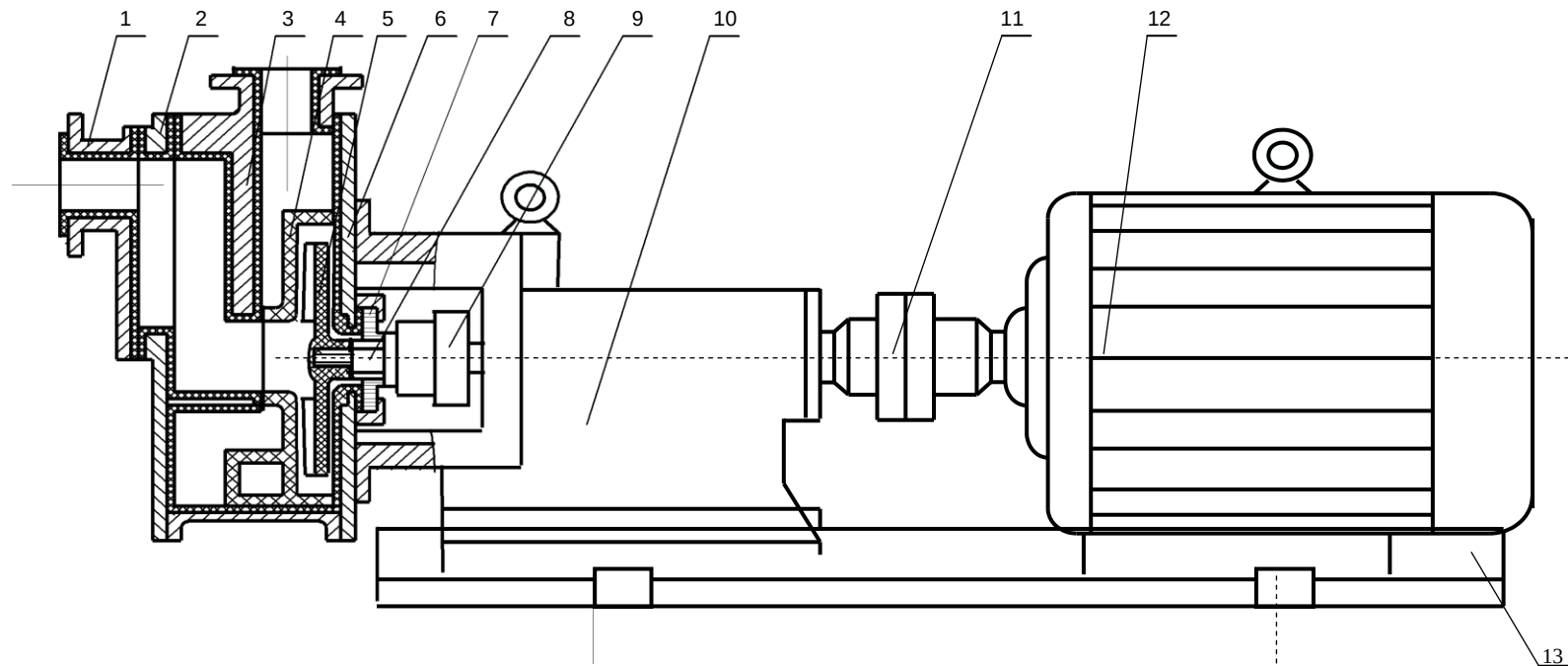
Electrically driven pumps AXH Q/H.5

Self-priming pumps of type AXH Q/H.5 have flow tube lined with polymers (fluoroplastic Φ -50, polypropylene, polyethylene of ultra-high molecular weight (UHMWP), equipped with single mechanical seals and mechanical seals with additional seal. The pumps are meant for pumping of aggressive fluids within temperature range (for fluoroplastic) from -40°C to $+160^{\circ}\text{C}$.

Specification

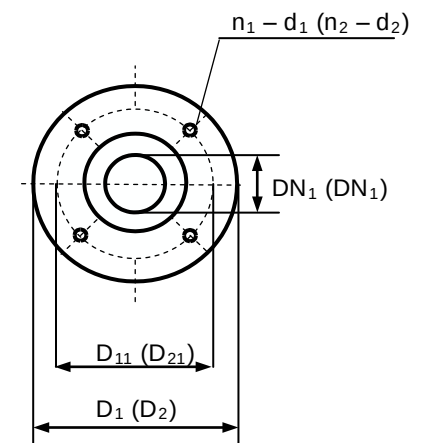
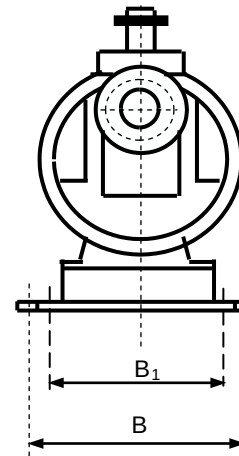
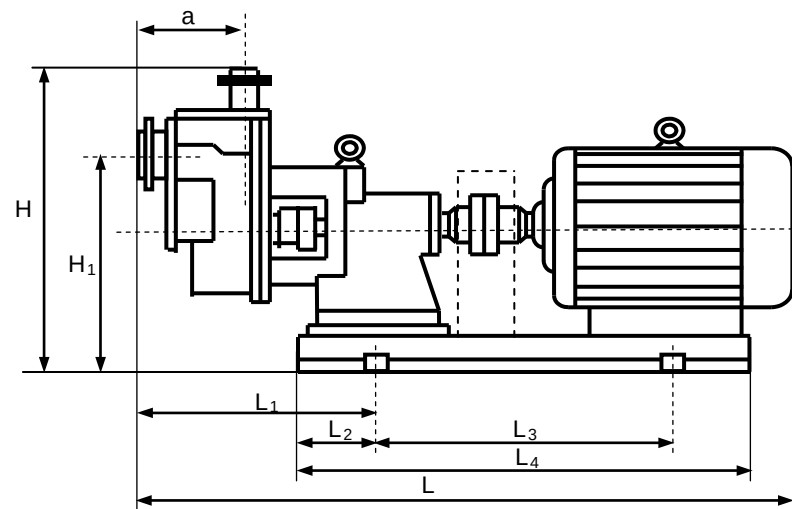
Model	Liquid consump- tion, Q m³/hour	Head H m	Effi- ciency η %	Npsh, m	Build- up time, min	Rate speed, r/min	N, kW					
							Liquid density (ρ), kg/m³					
							1000		1350		1850	
							Type	N, kW	Type	N, kW	Type	N, kW
AXH 10/20.5	10	20	35	6	0.5~1.5	2900	112M2	4	132SA2	5,5	132SB2	7,5
AXH 10/30.5		30	39				112M2	4	132SB2	7,5	160MA2	11
AXH 10/40.5		40	36				132SB2	7,5	160MA2	11	160MB2	15
AXH 10/50.5		50	38				132SB2	7,5	160MA2	11	160MB2	15
AXH 10/60.5		60	40				160MA2	11	160MA2	11	160MB2	15
AXH 15/20.5	15	20	34	5			132SA2	5,5	132SB2	7,5	160MA2	11
AXH 15/30.5		30	40				132SB2	7,5	160MA2	7,5	160MA2	11
AXH 15/40.5		40	35				160MA2	11	160MB2	15	160L2	18,5
AXH 15/50.5		50	39				160MA2	11	160MB2	15	160L2	18,5
AXH 15/60.5		60	42				160MA2	11	160MB2	15	160L2	18,5
AXH 25/20.5	25	20	38	5			160MA2	11	160MA2	11	160L2	18,5
AXH 25/30.5		30	40				160MB2	15	160MB2	15	180M2	22
AXH 25/40.5		40	39				160MB2	15	160L2	18,5	200LA2	30
AXH 25/50.5		50	41				160L2	18,5	180M2	22	200LA2	30
AXH 25/60.5		60	43				180M2	22	200LA2	30	200LB2	37
AXH 50/20.5	50	20	39	4			160MB2	15	160L2	18,5	180M2	22
AXH 50/30.5		30	42				160L2	18,5	180M2	22	200LA2	30
AXH 50/40.5		40	39				180M2	22	200LA2	30	200LB2	37
AXH 50/50.5		50	43				200LA2	30	200LB2	37	225M2	45
AXH 50/60.5		60	45				200LA2	30	200LB2	37	250M2	55
AXH 100/20.5	100	20	48	4	180M2		22	200LA2	30	200LB2	37	
AXH 100/30.5		30	52		200LA2		30	200LB2	37	280S2	75	
AXH 100/40.5		40	45		200LB2		37	250M2	55	280S2	75	
AXH 100/50.5		50	50		225M2		45	250M2	55	280S2	75	
AXH 100/60.5		60	55		225M2		45	280S2	75	280M2	90	
AXH 150/20.5	150	20	51	4	200LA2		30	200LB2	37	225M2	45	
AXH 150/30.5		30	54		200LB2		37	225M2	45	280S2	75	
AXH 150/40.5		40	52		250M2		55	280S2	75	280M2	90	
AXH 150/50.5		50	55		250M2		55	280S2	75	315S2	110	
AXH 150/60.5		60	58		280S2		75	280M2	90	315S2	110	
AXH 200/20.5	200	20	53	4	200LB2		37	225M2	45	280S2	75	
AXH 200/30.5		30	56		250M2		55	280S2	75	280M2	90	
AXH 200/40.5		40	55		280S2		75	280M2	90	315S2	110	
AXH 200/50.5		50	58		280S2		75	280M2	90	315M2	132	
AXH 200/60.5		60	61		280M2		90	315S2	110	315LA2	160	

Pump structure



No.	Name of details	Q-ty
1	Inlet fitting	1
2	Spacer	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



Model	DN ₁	D ₁₁	D ₁	n ₁ -d ₁	DN ₂	D ₂₁	D ₂	n ₂ -d ₂	L	L ₁	L ₂	L ₃	L ₄	B ₁	B	n - d	H ₁	H					
AXH 10/20.5	40	110	150	4-18	32	100	140	4-18	1255	540	164	410	738	280	280	4-18	398	555					
AXH 10/30.5									1480	677	250	550	950	390	390		473	642					
AXH 10/40.5																							
AXH 10/50.5																							
AXH 10/60.5																							
AXH 15/20.5	50	125	165		40	110	150		1255	540	164	410	738	280	280	398	555						
AXH 15/30.5									1480	677	250	550	950	390	390	473	642						
AXH 15/40.5																							
AXH 15/50.5																							
AXH 15/60.5																							
AXH 25/20.5	65	145	185		50	125	165	1500	695	250	550	950	390	390	466	688							
AXH 25/30.5								1650	660		680	1110		440	502		688						
AXH 25/40.5																							
AXH 25/50.5																							
AXH 25/60.5																							
AXH 50/20.5	80	160	200		8-18	65	145	185	1500		695	550		950	440	390	458	642					
AXH 50/30.5									1650		660	688		682		1720	693	680	1110	440	495	688	
AXH 50/40.5																							
AXH 50/50.5																							
AXH 50/60.5																							
AXH 100/20.5	100	180	220	80		160	200	8-18	1740		737	250	750	1178	450	500	4-22	513	716				
AXH 100/30.5									1835	680								1110	390	440	500	4-18	500
AXH 100/40.5																							
AXH 100/50.5																							
AXH 100/60.5																							
AXH 150/20.5	125	210	250	100	180	220	1800		762	8-18	680		1110	390	440	4-18	500	716					
AXH 150/30.5							1875				750		1178	450	500	4-22	515	730					
AXH 150/40.5																							
AXH 150/50.5																							
AXH 150/60.5																							
AXH 200/20.5	150	240	285	8-22	125	210	250	2258	958	325	885		1443	500	4-26	657	932						
AXH 200/30.5								2605	1105	375	1020	1865	520			580	720	1075					
AXH 200/40.5																							
AXH 200/50.5																							
AXH 200/60.5																							