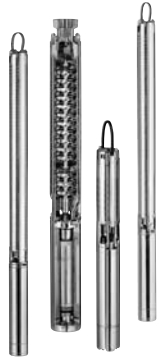


4 BHS



APPLICATIONS

4" borehole multi-stage pump entirely made of stainless steel AISI 304. The smooth surface of the impellers and diffusers offer an improved efficiency, and reliability factor. Application includes clean water extraction from bore holes, pressure boosting for domestic, farming and industrial applications. Installation can be horizontal as well as vertical. The 4BHS can be fitted to any NEMA standard motor.

MATERIALS

- Bracket, suction and discharge ports, coupling, impeller, diffuser, diffuser cover, valve, tie-rod and cable guard in AISI 304
- Liner ring in technopolymer/AISI 304
- Shaft in AISI 316

SPECIFICATIONS

- Maximum immersion : 100 mts
- Maximum liquid temperature : 30°C
- Maximum sand content : 50 ppm

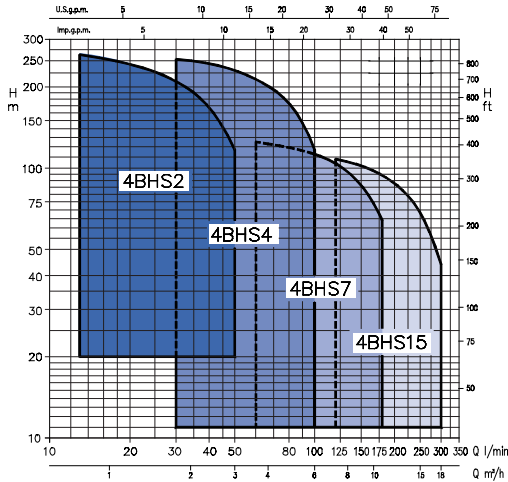
TECHNICAL DATA

Pump can be requested to be coupled with the following motor versions:

- Pump O4BHS with motor OY in coolant liquid bath (max. liquid temperature 40°C)
- Pump W4BHS with motor WY in water bath (max. liquid temperature 30°C).

Both types of motor have the following features:

- 2 pole motor, water filled (WY version) or oil filled (OY version)
- Maximum startings/hour: 30
- Insulation: Class F
- Protection degree: IP58
- 1~220V±6% 50Hz, 3~380V±6% 50Hz



PERFORMANCE TABLE

Pump type 4BHS	kW	l/min m³/h	Q=Capacity												
			13 0,8	30 1,8	40 2,4	50 3,0	60 3,6	100 6	120 7,2	180 10,8	250 15	300 18			
4BHS2 13/5	0,55	-	65	52	41	29,5	-	-	-	-	-	-	-	-	-
4BHS2 18/7	0,75	-	90	71	58	41	-	-	-	-	-	-	-	-	-
4BHS2 27/11	1,1	-	143	114	92	64	-	-	-	-	-	-	-	-	-
4BHS2 36/15	1,5	-	186	145	116	80	-	-	-	-	-	-	-	-	-
4BHS2 44/22	2,2	-	227	178,7	141	97	-	-	-	-	-	-	-	-	-
4BHS2 51/22	2,2	-	275	222,8	181	125	-	-	-	-	-	-	-	-	-
4BHS4 7/5	0,55	-	-	37	36	34	31,5	18,5	-	-	-	-	-	-	-
4BHS4 10/7	0,75	-	-	53	52,5	48	45	26	-	-	-	-	-	-	-
4BHS4 15/11	1,1	-	-	79	76	72	66,5	39	-	-	-	-	-	-	-
4BHS4 20/15	1,5	-	-	105	102	96	89	50	-	-	-	-	-	-	-
4BHS4 24/22	2,2	-	-	126	122	115	106	61	-	-	-	-	-	-	-
4BHS4 29/22	2,2	-	-	154	150	141,5	132	76	-	-	-	-	-	-	-
4BHS4 36/30	3,0	-	-	189	178	170	156,5	85	-	-	-	-	-	-	-
4BHS4 48/40	4,0	-	-	253	241,1	227	210	109,4	-	-	-	-	-	-	-
4BHS7 9/7	0,75	-	-	-	-	-	28	25	23	19,5	-	-	-	-	-
4BHS7 7/11	1,1	-	-	-	-	-	38,5	35,5	32,5	20	-	-	-	-	-
4BHS7 10/15	1,5	-	-	-	-	-	54	49,5	45	27	-	-	-	-	-
4BHS7 12/22	2,2	-	-	-	-	-	65	59	54	33	-	-	-	-	-
4BHS7 14/22	2,2	-	-	-	-	-	77	70	64	41	-	-	-	-	-
4BHS7 18/30	3,0	-	-	-	-	-	100	90	82,5	51	-	-	-	-	-
4BHS7 23/40	4,0	-	-	-	-	-	125	114	104	64	-	-	-	-	-
4BHS15 7/15	1,5	-	-	-	-	-	-	-	30	27	18,5	12	-	-	-
4BHS15 10/22	2,2	-	-	-	-	-	-	-	43,5	38	28,5	17,5	-	-	-
4BHS15 13/30	3,0	-	-	-	-	-	-	-	55	47,5	36,1	25	-	-	-
4BHS15 17/40	4,0	-	-	-	-	-	-	-	72	63	45	29	-	-	-
4BHS15 25/55	5,5	-	-	-	-	-	-	-	108	95	68,2	44	-	-	-