

8BHE(L)

8" borehole centrifugal pumps in AISI 304 and AISI 316 (hydraulic only)

8" borehole centrifugal pumps suitable for domestic and industrial water supply, boosters, irrigation and community waterworks.



Sturdy design,
corrosion
resistant



Suitable for
horizontal
operation



Available in
AISI 316

Technical data

Max. immersion	350 m water filled motor 150 m oil filled motor
Max. temperature of the liquid	-5°C - +60°C
Max. sand content	100 gr/m ³
Poles	2
Insulation class	F
Protection degree	IP58 (OY), IP68 (WY)
Voltage	Three phase 3~380-415V ±10% OY Three phase 3~380-415V -10%+6% WY

The pump does not have an internal motor protector, therefore overload protection must be provided by the user.

Materials

External casing	AISI 304 (EN 1.4301) AISI 316 (EN 1.4401) (L version)
Impeller	AISI 316 (EN 1.4401)
Shaft	AISI 329 (EN 1.4460)
Discharge casing	AISI 304 (EN 1.4301) AISI 316 (EN 1.4401) (L version)
Motor connection	AISI 304 (EN 1.4301) AISI 316 (EN 1.4401) (L version)

Identification code

8BHE	L	77	-	2
				N. impellers
				m ³ /h at max. efficiency
				Version in AISI 316
				Model

Accessories



Capacitors
Page 431 - **Capacitors 450V**



Floats
Page 426 - **Key floats with counterweight**



Control systems
Page 415 - **Servopress**
Pressure regulator
Page 412 - **E-SPD**
Variable speed control systems
Page 413 - **VASCO**
Variable speed control systems
Page 410 - **Control panels**

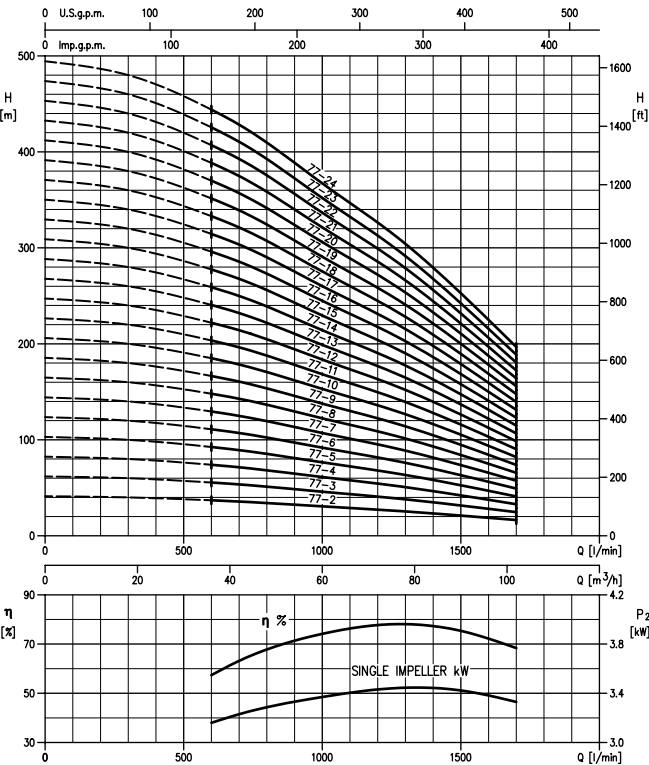


8BHE(L)

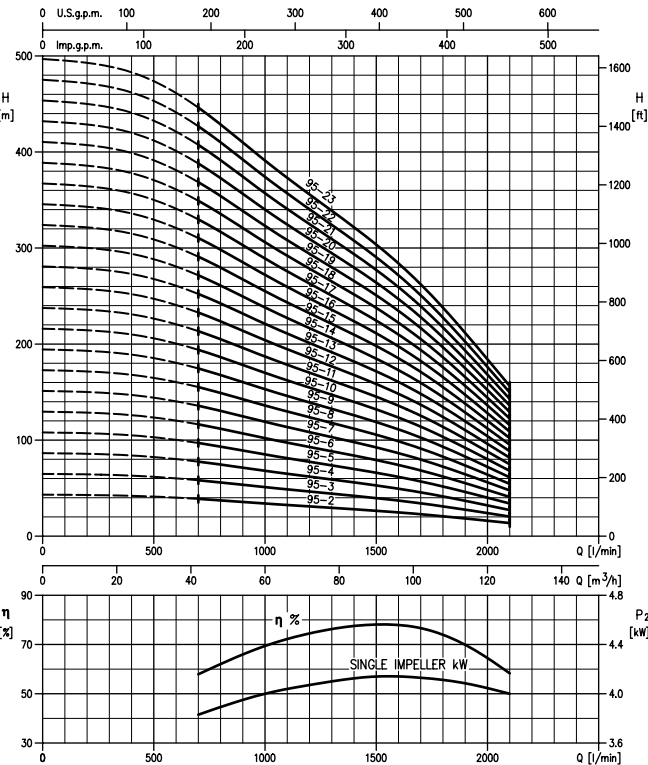
8" borehole centrifugal pumps in AISI 304 (hydraulic only)



8BHE(L) 77



8BHE(L) 95



6BHEL

8BHE

8" borehole centrifugal pumps in AISI 304 (hydraulic only)



2 Poles																	
Model	Code	£ Stg	HP	kW	Motor	Q=Flow rate										DNM	Weight [kg]
						l/min	0	600	700	1000	1250	1500	1700	1900	2100		
						m³/h	0	36	42	60	75	90	102	114	126		
H=Total head [m]																	
86BHE 77-2	3657701102	3.645,00	10	7,5	6"		41,0	37,0	35,7	30,6	26,3	21,1	16,4	-	-	Rp5	31,5
86BHE 77-3	3657701103	4.030,00	15	11	6"		62,0	55,5	53,5	46,0	39,5	31,6	24,6	-	-	Rp5	36,5
86BHE 77-4	3657701104	4.427,00	20	15	6"		82,5	74,0	71,5	61,0	52,5	42,0	32,8	-	-	Rp5	41,5
86BHE 77-5	3657701105	4.820,00	25	18,5	6"		103,0	92,5	89,5	76,5	66,0	52,5	41,0	-	-	Rp5	46,5
86BHE 77-6	3657701106	5.336,00	30	22	6"		124,0	111,0	107,0	92,0	79,0	63,0	49,0	-	-	Rp5	51,0
86BHE 77-7	3657701107	5.755,00	40	30	6"		144,0	130,0	125,0	107,0	92,0	73,5	57,5	-	-	Rp5	56,0
86BHE 77-8	3657701108	6.160,00	40	30	6"		165,0	148,0	143,0	122,0	105,0	84,0	65,5	-	-	Rp5	61,0
86BHE 77-9	3657701109	6.563,00	40	30	6"		185,0	167,0	161,0	138,0	118,0	95,0	74,0	-	-	Rp5	66,0
86BHE 77-10	3657701110	6.965,00	50	37	6"		206,0	185,0	179,0	153,0	132,0	105,0	82,0	-	-	Rp5	71,0
86BHE 77-11	3657701111	7.363,00	50	37	6"		227,0	204,0	196,0	168,0	145,0	116,0	90,0	-	-	Rp5	76,0
8BHE 77-12	3657701012	7.868,00	60	45	8"		247,0	222,0	214,0	184,0	158,0	126,0	98,5	-	-	Rp5	82,0
8BHE 77-13	3657701013	8.390,00	75	55	8"		268,0	241,0	232,0	199,0	171,0	137,0	107,0	-	-	Rp5	87,0
8BHE 77-14	3657701014	8.892,00	75	55	8"		288,0	259,0	250,0	214,0	184,0	147,0	115,0	-	-	Rp5	92,0
8BHE 77-15	3657701015	9.522,00	75	55	8"		309,0	278,0	268,0	230,0	197,0	158,0	123,0	-	-	Rp5	97,0
8BHE 77-16	3657701016	10.252,00	100	75	8"		330,0	296,0	286,0	245,0	210,0	168,0	131,0	-	-	Rp5	101,5
8BHE 77-17	3657701017	10.992,00	100	75	8"		350,0	315,0	303,0	260,0	224,0	179,0	139,0	-	-	Rp5	106,5
8BHE 77-18	3657701018	11.730,00	100	75	8"		371,0	333,0	321,0	275,0	237,0	190,0	148,0	-	-	Rp5	111,5
8BHE 77-19	3657701019	12.491,00	100	75	8"		391,0	352,0	339,0	291,0	250,0	200,0	156,0	-	-	Rp5	116,5
8BHE 77-20	3657701020	13.287,00	100	75	8"		412,0	370,0	357,0	306,0	263,0	211,0	164,0	-	-	Rp5	121,0
8BHE 77-21	3657701021	14.135,00	100	75	8"		433,0	389,0	375,0	321,0	276,0	221,0	172,0	-	-	Rp5	126,0
8BHE 77-22	3657701022	15.007,00	125	93	8"		453,0	407,0	393,0	337,0	289,0	232,0	180,0	-	-	Rp5	131,0
8BHE 77-23	3657701023	15.923,00	125	93	8"		474,0	426,0	411,0	352,0	302,0	242,0	189,0	-	-	Rp5	136,0
8BHE 77-24	3657701024	16.891,00	125	93	8"		494,0	444,0	428,0	367,0	316,0	253,0	197,0	-	-	Rp5	141,0
86BHE 95-2	3659501102	3.906,00	12,5	9,2	6"		43,0	-	38,8	34,0	30,2	26,4	22,8	18,4	13,6	Rp5	31,5
86BHE 95-3	3659501103	4.332,00	20	15	6"		65,0	-	58,0	51,0	45,5	39,6	34,2	27,6	20,4	Rp5	36,5
86BHE 95-4	3659501104	4.755,00	25	18,5	6"		86,5	-	77,5	68,0	60,5	53,0	45,5	36,8	27,2	Rp5	41,5
86BHE 95-5	3659501105	5.181,00	30	22	6"		108,0	-	97,0	85,0	75,5	66,0	57,0	46,0	34,0	Rp5	46,0
86BHE 95-6	3659501106	5.747,00	40	30	6"		130,0	-	116,0	102,0	90,5	79,0	68,5	55,0	41,0	Rp5	51,0
86BHE 95-7	3659501107	6.193,00	40	30	6"		151,0	-	136,0	119,0	106,0	92,5	80,0	64,5	47,5	Rp5	56,0
86BHE 95-8	3659501108	6.636,00	50	37	6"		173,0	-	155,0	136,0	121,0	106,0	91,0	73,5	54,5	Rp5	61,0
86BHE 95-9	3659501109	7.066,00	50	37	6"		194,0	-	175,0	153,0	136,0	119,0	103,0	83,0	61,0	Rp5	66,0
8BHE 95-10	3659501010	7.710,00	60	45	8"		216,0	-	194,0	170,0	151,0	132,0	114,0	92,0	68,0	Rp5	72,0
8BHE 95-11	3659501011	8.016,00	75	55	8"		238,0	-	213,0	187,0	166,0	145,0	125,0	101,0	75,0	Rp5	77,0
8BHE 95-12	3659501012	8.476,00	75	55	8"		259,0	-	233,0	204,0	181,0	158,0	137,0	110,0	81,5	Rp5	82,0
8BHE 95-13	3659501013	9.034,00	75	55	8"		281,0	-	252,0	221,0	196,0	172,0	148,0	120,0	88,5	Rp5	87,0
8BHE 95-14	3659501014	9.599,00	100	75	8"		302,0	-	272,0	238,0	211,0	185,0	160,0	129,0	95,0	Rp5	92,0
8BHE 95-15	3659501015	10.301,00	100	75	8"		324,0	-	291,0	255,0	227,0	198,0	171,0	138,0	102,0	Rp5	97,0
8BHE 95-16	3659501016	11.106,00	100	75	8"		346,0	-	310,4	272,0	242,0	211,0	182,0	147,0	109,0	Rp5	102,0
8BHE 95-17	3659501017	11.937,00	100	75	8"		367,0	-	330,0	289,0	257,0	224,0	194,0	156,0	116,0	Rp5	106,5
8BHE 95-18	3659501018	12.760,00	125	93	8"		389,0	-	349,0	306,0	272,0	238,0	205,0	166,0	122,0	Rp5	111,5
8BHE 95-19	3659501019	13.603,00	125	93	8"		410,0	-	369,0	323,0	287,0	251,0	217,0	175,0	129,0	Rp5	116,5
8BHE 95-20	3659501020	14.451,00	125	93	8"		432,0	-	388,0	340,0	302,0	264,0	228,0	184,0	136,0	Rp5	121,0
8BHE 95-21	3659501021	15.437,00	125	93	8"		454,0	-	407,0	357,0	317,0	277,0	239,0	193,0	143,0	Rp5	126,0
8BHE 95-22	3659501022	16.410,00	150	110	8"		475,0	-	427,0	374,0	332,0	290,0	251,0	202,0	150,0	Rp5	131,0
8BHE 95-23	3659501023	17.434,00	150	110	8"		497,0	-	446,0	391,0	347,0	304,0	262,0	212,0	156,0	Rp5	136,0

Price increase for double output cable cover: £195,00

8BHEL



8" borehole centrifugal pumps in AISI 316 (hydraulic only)

2 Poles																	
Model	Code	£ Stg	HP	kW	Motor	Q=Flow rate										DNM	Weight [kg]
						l/min	0	600	700	1000	1250	1500	1700	1900	2100		
						m³/h	0	36	42	60	75	90	102	114	126		
H=Total head [m]																	
86BHEL 77-2	3657700102	5.617,00	10	7,5	6"		41,0	37,0	35,7	30,6	26,3	21,1	16,4	-	-	Rp5	31,5
86BHEL 77-3	3657700103	6.217,00	15	11	6"		62,0	55,5	53,5	46,0	39,5	31,6	24,6	-	-	Rp5	36,5
86BHEL 77-4	3657700104	6.826,00	20	15	6"		82,5	74,0	71,5	61,0	52,5	42,0	32,8	-	-	Rp5	41,5
86BHEL 77-5	3657700105	7.429,00	25	18,5	6"		103,0	92,5	89,5	76,5	66,0	52,5	41,0	-	-	Rp5	46,5
86BHEL 77-6	3657700106	8.207,00	30	22	6"		124,0	111,0	107,0	92,0	79,0	63,0	49,0	-	-	Rp5	51,0
86BHEL 77-7	3657700107	8.869,00	40	30	6"		144,0	130,0	125,0	107,0	92,0	73,5	57,5	-	-	Rp5	56,0
86BHEL 77-8	3657700108	9.499,00	40	30	6"		165,0	148,0	143,0	122,0	105,0	84,0	65,5	-	-	Rp5	61,0
86BHEL 77-9	3657700109	10.120,00	40	30	6"		185,0	167,0	161,0	138,0	118,0	95,0	74,0	-	-	Rp5	66,0
86BHEL 77-10	3657700110	10.732,00	50	37	6"		206,0	185,0	179,0	153,0	132,0	105,0	82,0	-	-	Rp5	71,0
86BHEL 77-11	3657700111	11.353,00	50	37	6"		227,0	204,0	196,0	168,0	145,0	116,0	90,0	-	-	Rp5	76,0
8BHEL 77-12	3657700012	12.123,00	60	45	8"		247,0	222,0	214,0	184,0	158,0	126,0	98,5	-	-	Rp5	82,0
8BHEL 77-13	3657700013	12.927,00	75	55	8"		268,0	241,0	232,0	199,0	171,0	137,0	107,0	-	-	Rp5	87,0
8BHEL 77-14	3657700014	13.708,00	75	55	8"		288,0	259,0	250,0	214,0	184,0	147,0	115,0	-	-	Rp5	92,0
8BHEL 77-15	3657700015	14.587,00	75	55	8"		309,0	278,0	268,0	230,0	197,0	158,0	123,0	-	-	Rp5	97,0
8BHEL 77-16	3657700016	15.805,00	100	75	8"		330,0	296,0	286,0	245,0	210,0	168,0	131,0	-	-	Rp5	101,5
8BHEL 77-17	3657700017	16.955,00	100	75	8"		350,0	315,0	303,0	260,0	224,0	179,0	139,0	-	-	Rp5	106,5
8BHEL 77-18	3657700018	18.079,00	100	75	8"		371,0	333,0	321,0	275,0	237,0	190,0	148,0	-	-	Rp5	111,5
8BHEL 77-19	3657700019	19.257,00	100	75	8"		391,0	352,0	339,0	291,0	250,0	200,0	156,0	-	-	Rp5	116,5
8BHEL 77-20	3657700020	20.482,00	100	75	8"		412,0	370,0	357,0	306,0	263,0	211,0	164,0	-	-	Rp5	121,0
8BHEL 77-21	3657700021	21.793,00	100	75	8"		433,0	389,0	375,0	321,0	276,0	221,0	172,0	-	-	Rp5	126,0
8BHEL 77-22	3657700022	23.178,00	125	93	8"		453,0	407,0	393,0	337,0	289,0	232,0	180,0	-	-	Rp5	131,0
8BHEL 77-23	3657700023	24.554,00	125	93	8"		474,0	426,0	411,0	352,0	302,0	242,0	189,0	-	-	Rp5	136,0
8BHEL 77-24	3657700024	25.986,00	125	93	8"		494,0	444,0	428,0	367,0	316,0	253,0	197,0	-	-	Rp5	141,0
86BHEL 95-2	3659500102	6.028,00	12,5	9,2	6"		43,0	-	38,8	34,0	30,2	26,4	22,8	18,4	13,6	Rp5	31,5
86BHEL 95-3	3659500103	6.680,00	20	15	6"		65,0	-	58,0	51,0	45,5	39,6	34,2	27,6	20,4	Rp5	36,5
86BHEL 95-4	3659500104	7.334,00	25	18,5	6"		86,5	-	77,5	68,0	60,5	53,0	45,5	36,8	27,2	Rp5	41,5
86BHEL 95-5	3659500105	6.885,00	30	22	6"		108,0	-	97,0	85,0	75,5	66,0	57,0	46,0	34,0	Rp5	46,0
86BHEL 95-6	3659500106	8.849,00	40	30	6"		130,0	-	116,0	102,0	90,5	79,0	68,5	55,0	41,0	Rp5	51,0
86BHEL 95-7	3659500107	9.551,00	40	30	6"		151,0	-	136,0	119,0	106,0	92,5	80,0	64,5	47,5	Rp5	56,0
86BHEL 95-8	3659500108	10.229,00	50	37	6"		173,0	-	155,0	136,0	121,0	106,0	91,0	73,5	54,5	Rp5	61,0
86BHEL 95-9	3659500109	10.892,00	50	37	6"		194,0	-	175,0	153,0	136,0	119,0	103,0	83,0	61,0	Rp5	66,0
8BHEL 95-10	3659500010	11.698,00	60	45	8"		216,0	-	194,0	170,0	151,0	132,0	114,0	92,0	68,0	Rp5	72,0
8BHEL 95-11	3659500011	12.357,00	75	55	8"		238,0	-	213,0	187,0	166,0	145,0	125,0	101,0	75,0	Rp5	77,0
8BHEL 95-12	3659500012	13.061,00	75	55	8"		259,0	-	233,0	204,0	181,0	158,0	137,0	110,0	81,5	Rp5	82,0
8BHEL 95-13	3659500013	13.963,00	75	55	8"		281,0	-	252,0	221,0	196,0	172,0	148,0	120,0	88,5	Rp5	87,0
8BHEL 95-14	3659500014	14.793,00	100	75	8"		302,0	-	272,0	238,0	211,0	185,0	160,0	129,0	95,0	Rp5	92,0
8BHEL 95-15	3659500015	15.876,00	100	75	8"		324,0	-	291,0	255,0	227,0	198,0	171,0	138,0	102,0	Rp5	97,0
8BHEL 95-16	3659500016	17.123,00	100	75	8"		346,0	-	310,4	272,0	242,0	211,0	182,0	147,0	109,0	Rp5	102,0
8BHEL 95-17	3659500017	18.402,00	100	75	8"		367,0	-	330,0	289,0	257,0	224,0	194,0	156,0	116,0	Rp5	106,5
8BHEL 95-18	3659500018	19.707,00	125	93	8"		389,0	-	349,0	306,0	272,0	238,0	205,0	166,0	122,0	Rp5	111,5
8BHEL 95-19	3659500019	20.973,00	125	93	8"		410,0	-	369,0	323,0	287,0	251,0	217,0	175,0	129,0	Rp5	116,5
8BHEL 95-20	3659500020	22.336,00	125	93	8"		432,0	-	388,0	340,0	302,0	264,0	228,0	184,0	136,0	Rp5	121,0
8BHEL 95-21	3659500021	23.793,00	125	93	8"		454,0	-	407,0	357,0	317,0	277,0	239,0	193,0	143,0	Rp5	126,0
8BHEL 95-22	3659500022	25.298,00	150	110	8"		475,0	-	427,0	374,0	332,0	290,0	251,0	202,0	150,0	Rp5	131,0
8BHEL 95-23	3659500023	26.904,00	150	110	8"		497,0	-	446,0	391,0	347,0	304,0	262,0	212,0	156,0	Rp5	136,0

Price increase for double output cable cover: £195,00