

8BHE



8" borehole centrifugal pumps in AISI 304 (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

8BHE

Technical data

Max. immersion 350 m water filled motor
150 m oil filled motor

Max. temperature of the liquid $-5^{\circ}\text{C} \div +60^{\circ}\text{C}$

Max. sand content 100 gr/m³

Poles 2

Insulation class F

Protection degree IP58 (OY),
IP68 (WY)

Voltage Three phase 380-415V $\pm 10\%$ OY
Three phase 380-415V $-10\%+6\%$ WY

Materials

External casing	AISI 304
Impeller	AISI 316
Shaft	AISI 329
Discharge casing	AISI 304
Motor connection	AISI 304

Accessories



Capacitors
Page 381 - Capacitors 450V



Floats
Page 379 - Key floats with counterweight

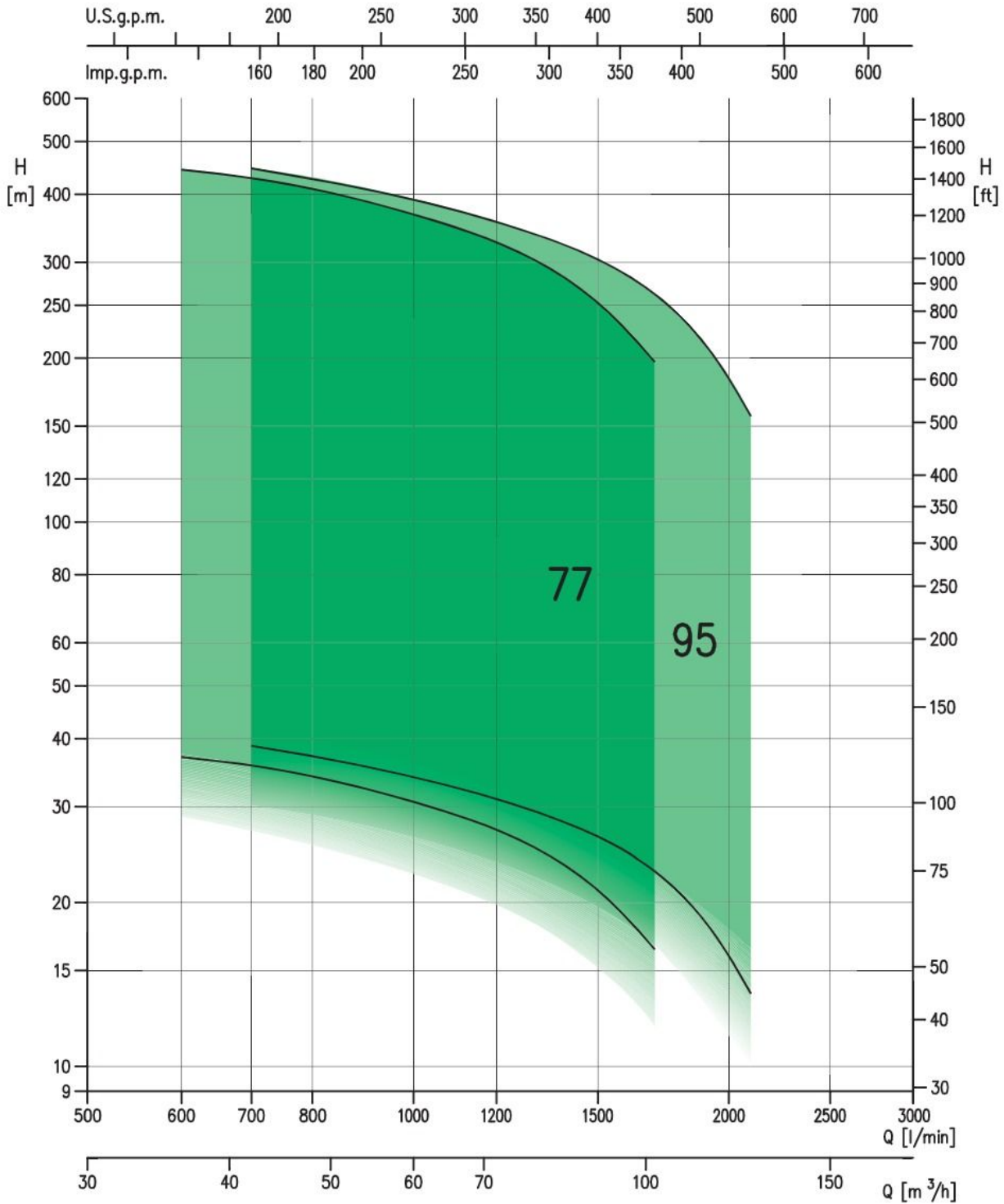


Control panels and Control systems
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														2 Poles	
Model	Code	HP	kW	Motor	Q=Flow rate									DNM	Weight [kg]
					l/min	600	700	1000	1250	1500	1700	1900	2100		
					m³/h	36	42	60	75	90	102	114	126		
														H=Total head [m]	
86BHE 77-2	3657701102	10	7,5	6"		37,0	35,7	30,6	26,3	21,1	16,4	-	-	Rp5	31,5
86BHE 77-3	3657701103	15	11	6"		55,5	53,5	46,0	39,5	31,6	24,6	-	-	Rp5	36,5
86BHE 77-4	3657701104	20	15	6"		74,0	71,5	61,0	52,5	42,0	32,8	-	-	Rp5	41,5
86BHE 77-5	3657701105	25	18,5	6"		92,5	89,5	76,5	66,0	52,5	41,0	-	-	Rp5	46,5
86BHE 77-6	3657701106	30	22	6"		111,0	107,0	92,0	79,0	63,0	49,0	-	-	Rp5	51,0
86BHE 77-7	3657701107	40	30	6"		130,0	125,0	107,0	92,0	73,5	57,5	-	-	Rp5	56,0
86BHE 77-8	3657701108	40	30	6"		148,0	143,0	122,0	105,0	84,0	65,5	-	-	Rp5	61,0
86BHE 77-9	3657701109	40	30	6"		167,0	161,0	138,0	118,0	95,0	74,0	-	-	Rp5	66,0
86BHE 77-10	3657701110	50	37	6"		185,0	179,0	153,0	132,0	105,0	82,0	-	-	Rp5	71,0
86BHE 77-11	3657701111	50	37	6"		204,0	196,0	168,0	145,0	116,0	90,0	-	-	Rp5	76,0
8BHE 77-12	3657701012	60	45	8"		222,0	214,0	184,0	158,0	126,0	98,5	-	-	Rp5	82,0
8BHE 77-13	3657701013	75	55	8"		241,0	232,0	199,0	171,0	137,0	107,0	-	-	Rp5	87,0
8BHE 77-14	3657701014	75	55	8"		259,0	250,0	214,0	184,0	147,0	115,0	-	-	Rp5	92,0
8BHE 77-15	3657701015	75	55	8"		278,0	268,0	230,0	197,0	158,0	123,0	-	-	Rp5	97,0
8BHE 77-16	3657701016	100	75	8"		296,0	286,0	245,0	210,0	168,0	131,0	-	-	Rp5	101,5
8BHE 77-17	3657701017	100	75	8"		315,0	303,0	260,0	224,0	179,0	139,0	-	-	Rp5	106,5
8BHE 77-18	3657701018	100	75	8"		333,0	321,0	275,0	237,0	190,0	148,0	-	-	Rp5	111,5
8BHE 77-19	3657701019	100	75	8"		352,0	339,0	291,0	250,0	200,0	156,0	-	-	Rp5	116,5
8BHE 77-20	3657701020	100	75	8"		370,0	357,0	306,0	263,0	211,0	164,0	-	-	Rp5	121,0
8BHE 77-21	3657701021	100	75	8"		389,0	375,0	321,0	276,0	221,0	172,0	-	-	Rp5	126,0
8BHE 77-22	3657701022	125	93	8"		407,0	393,0	337,0	289,0	232,0	180,0	-	-	Rp5	131,0
8BHE 77-23	3657701023	125	93	8"		426,0	411,0	352,0	302,0	242,0	189,0	-	-	Rp5	136,0
8BHE 77-24	3657701024	125	93	8"		444,0	428,0	367,0	316,0	253,0	197,0	-	-	Rp5	141,0
86BHE 95-2	3659501102	12,5	9,2	6"		-	38,8	34,0	30,2	26,4	22,8	18,4	13,6	Rp5	31,5
86BHE 95-3	3659501103	20	15	6"		-	58,0	51,0	45,5	39,6	34,2	27,6	20,4	Rp5	36,5
86BHE 95-4	3659501104	25	18,5	6"		-	77,5	68,0	60,5	53,0	45,5	36,8	27,2	Rp5	41,5
86BHE 95-5	3659501105	30	22	6"		-	97,0	85,0	75,5	66,0	57,0	46,0	34,0	Rp5	46,0
86BHE 95-6	3659501106	40	30	6"		-	116,0	102,0	90,5	79,0	68,5	55,0	41,0	Rp5	51,0
86BHE 95-7	3659501107	40	30	6"		-	136,0	119,0	106,0	92,5	80,0	64,5	47,5	Rp5	56,0
86BHE 95-8	3659501108	50	37	6"		-	155,0	136,0	121,0	106,0	91,0	73,5	54,5	Rp5	61,0
86BHE 95-9	3659501109	50	37	6"		-	175,0	153,0	136,0	119,0	103,0	83,0	61,0	Rp5	66,0
8BHE 95-10	3659501010	60	45	8"		-	194,0	170,0	151,0	132,0	114,0	92,0	68,0	Rp5	72,0
8BHE 95-11	3659501011	75	55	8"		-	213,0	187,0	166,0	145,0	125,0	101,0	75,0	Rp5	77,0
8BHE 95-12	3659501012	75	55	8"		-	233,0	204,0	181,0	158,0	137,0	110,0	81,5	Rp5	82,0
8BHE 95-13	3659501013	75	55	8"		-	252,0	221,0	196,0	172,0	148,0	120,0	88,5	Rp5	87,0
8BHE 95-14	3659501014	100	75	8"		-	272,0	238,0	211,0	185,0	160,0	129,0	95,0	Rp5	92,0
8BHE 95-15	3659501015	100	75	8"		-	291,0	255,0	227,0	198,0	171,0	138,0	102,0	Rp5	97,0
8BHE 95-16	3659501016	100	75	8"		-	310,4	272,0	242,0	211,0	182,0	147,0	109,0	Rp5	102,0
8BHE 95-17	3659501017	100	75	8"		-	330,0	289,0	257,0	224,0	194,0	156,0	116,0	Rp5	106,5
8BHE 95-18	3659501018	125	93	8"		-	349,0	306,0	272,0	238,0	205,0	166,0	122,0	Rp5	111,5
8BHE 95-19	3659501019	125	93	8"		-	369,0	323,0	287,0	251,0	217,0	175,0	129,0	Rp5	116,5
8BHE 95-20	3659501020	125	93	8"		-	388,0	340,0	302,0	264,0	228,0	184,0	136,0	Rp5	121,0
8BHE 95-21	3659501021	125	93	8"		-	407,0	357,0	317,0	277,0	239,0	193,0	143,0	Rp5	126,0
8BHE 95-22	3659501022	150	110	8"		-	427,0	374,0	332,0	290,0	251,0	202,0	150,0	Rp5	131,0
8BHE 95-23	3659501023	150	110	8"		-	446,0	391,0	347,0	304,0	262,0	212,0	156,0	Rp5	136,0

Price increase for double output cable cover: 184,00€

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



Sturdy design, corrosion resistant



Suitable for horizontal operation

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 380-415V ±10% OY Three phase 380-415V -10%+6% WY

Materials

External casing	AISI 316
Impeller	AISI 316
Shaft	AISI 329
Discharge casing	AISI 316
Motor connection	AISI 316

Accessories



Capacitors

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Floats

Page 379 - Key floats with counterweight



Control panels and Control systems

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Pressure regulator

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Variable speed control systems

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Variable speed control systems

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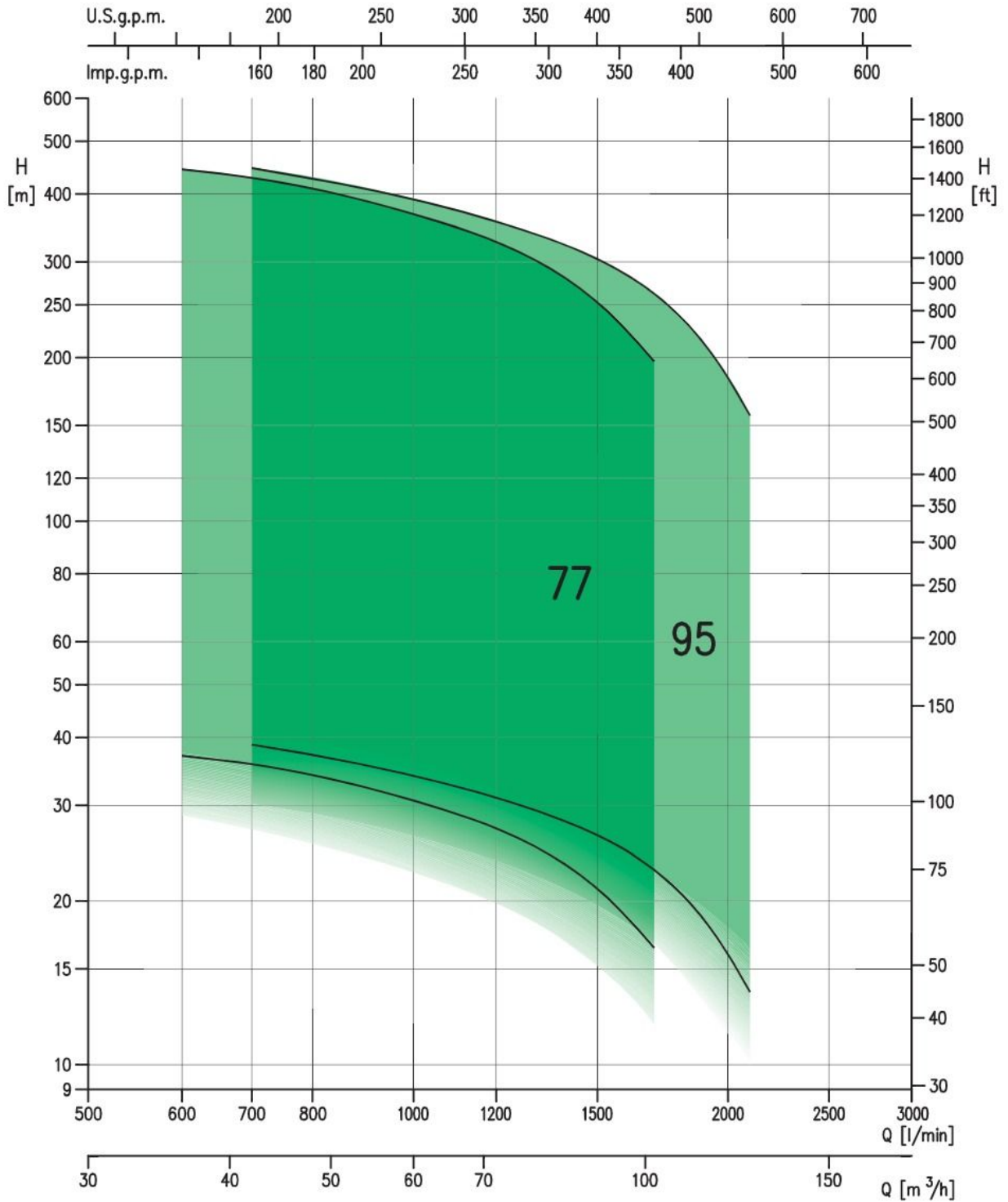
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														2 Poles	
Model	Code	HP	kW	Motor	Q=Flow rate									DNM	Weight [kg]
					l/min	600	700	1000	1250	1500	1700	1900	2100		
					m³/h	36	42	60	75	90	102	114	126		
														H=Total head [m]	
86BHEL 77-2	3657700102	10	7,5	6"		37,0	35,7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

Price increase for double output cable cover: 184,00€

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