

IDROSAND 6"



Electric submersible pumps IDROSAND

for 6" boreholes



APPLICATION

Multistage electric submersible pumps for installations in agricultural, civil and industrial environments.

Suitable to pump clean water from boreholes, tanks and reservoirs.

They are recommended to pressurize water plants in block of flats, irrigation and fire-fighting systems.

The series IDROSAND (/230 /330 /530) are designed to comply with the parameters of the European Directive Erp to ensure the best possible efficiency and reduce the consumption of energy to the lowest possible level.

The series IDROSAND+ (/400 /700 /900), designed for more professional and heavier applications, are reliable and efficient even in case of water with high sand content (up to 450 g/m³ of water pumped).

CONSTRUCTION

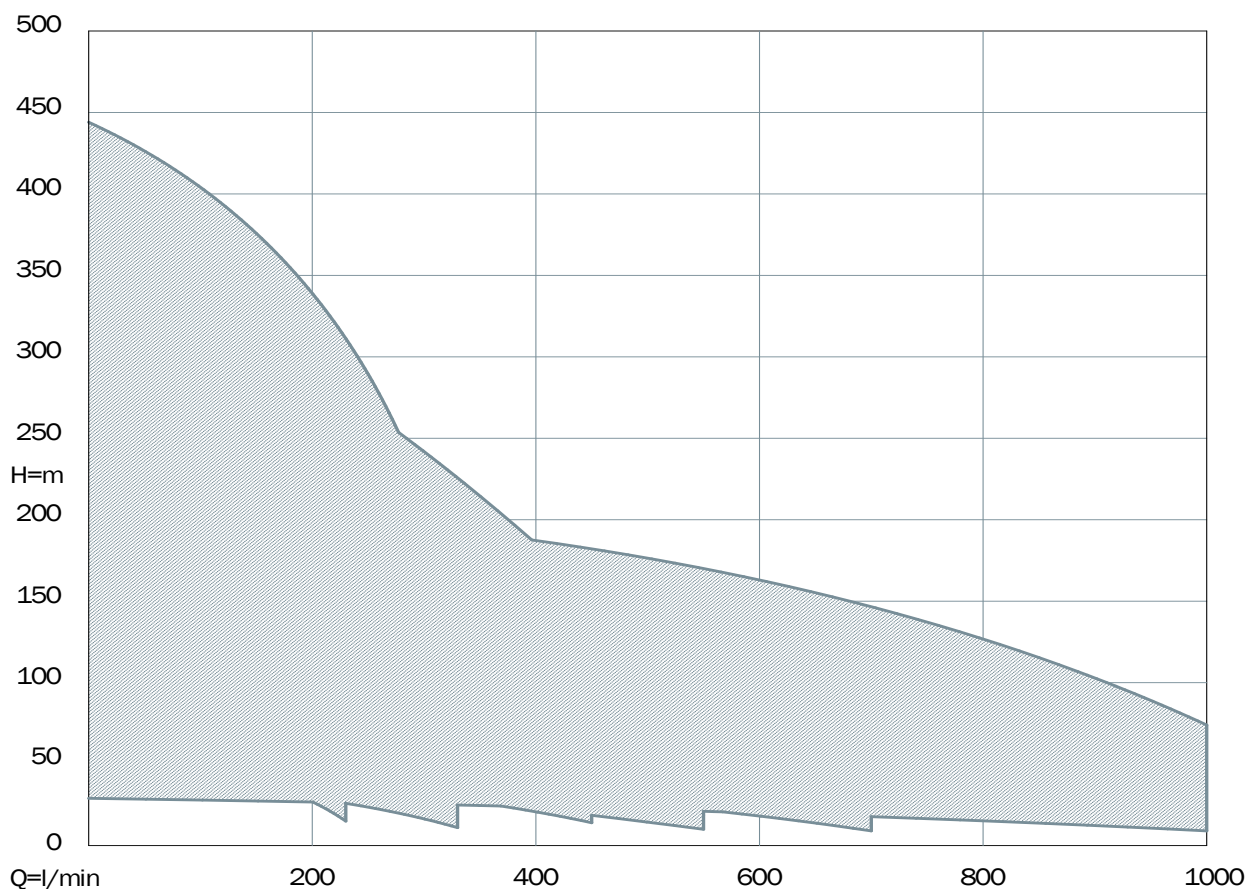
Coolant filled, asynchronous, rewindable electric AC motor with short circuit rotor. Insulation Class F. (4" motors).

Water filled, asynchronous, rewindable electric AC motor with short circuit rotor. Insulation Class Y. (6" motors).

Shafts machined on support bushes and mechanical seals location

Both shaft and coupling meet NEMA standards

APPLICATION RANGE



Electric submersible pumps IDROSAND

for 6" boreholes



The electric pumps **IDROSAND** are designed to operate in the most arduous conditions, offering reliability even in applications with high sand content (**IDROSAND+** up to 450 g/m³).



APPLICATION FEATURES - PUMP END

	IDROSAND			IDROSAND+		
	/230	/330	/530	/400	/700	/900
Minimum depth of the liquid pumped (m)	0,8					
Maximum temperature of the water pumped (°C)	60					
PH of the liquid pumped	6 - 10					
Maximum sand content (g/m ³)	200			300		450
Suitable to operate horizontally (included)	24/230	23/330	17/530	15/400	13/700	8/900

MATERIALS - PUMP END

	IDROSAND			IDROSAND+		
	/230	/330	/530	/400	/700	/900
Head and suction body	Mechanical cast iron EN GJL-200					
Casing / Diffuser body	Stainless steel AISI304			Mechanical cast iron EN GJL-200	Stainless steel AISI304	
Tie-rods	Stainless steel AISI304			Steel	Stainless steel AISI304	
Shaft	Stainless steel AISI420B					
Coupling	Stainless steel AISI416B					
Impellers and diffusers	Noryl® reinforced with fibre-glass, certified for drinking water and AISI 304 stainless steel wear rings					
Diffuser bush				Anti-sand rubber		
Top bush	Desmopan® with rotating element in chromium-plated brass					
Check valve	Stainless steel AISI304					

APPLICATION FEATURES - MOTOR

	MOTOR	
	4" S series	6"
IP rating	IP68	
Duty	Continuous S1	
Maximum immersion depth (m)	150	200
Maximum number of starts per hour	30	20
Maximum temperature of the water pumped (°C)	35	30
PH of the liquid pumped	6 - 10	
Suitable for inverter drive	All	
Suitable to operate horizontally (Included)	5,5 hp	All

MATERIALS - MOTOR

	MOTOR	
	4" S series	6"
Casing	Stainless Steel AISI304	
Shaft Terminal	Stainless Steel AISI303	Stainless Steel AISI420B
Upper body	Brass OT58	Mechanical cast iron with electrophoresis paint EN GJL-250 or brass OT58
Elastomers	NBR rubber	
Mechanical seal	Graphite and alumina	
Foot		ABS
Cable	PVC ACS AD8 (for permanent immersion in drinking water)	



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for 6" boreholes

PERFORMANCE DATA - PUMP ENDS - 2 poles 50 Hz

Radial impeller	P2		DNM (GAS)	Q	Flow															
	hp	kW		m³/h	0	5,4	7,2	9	10,2	12	13,8	15	16,8	18	19,8	21,6	24	27	30	33
				l/min	0	90	120	150	170	200	230	250	280	300	330	360	400	450	500	550
																				
SERIES 230																				
IDROSAND 6/230	2	1,5	2"	H (m)	56	51	48	40	35	26	15									
IDROSAND 8/230	3	2,2	2"		75	67	61	52	45	34	20									
IDROSAND 9/230	3	2,2	2"		84	75	69	59	52	39	24									
IDROSAND 11/230	4	3	2"		103	93	86	74	66	51	33									
IDROSAND 14/230	5,5	4	2"		138	125	117	99	87	67	43									
IDROSAND 17/230	7,5	5,5	2"		164	150	139	118	103	80	52									
IDROSAND 20/230	7,5	5,5	2"		190	174	160	141	124	95	62									
IDROSAND 24/230	10	7,5	2"		234	207	191	166	147	114	77									
IDROSAND 28/230	10	7,5	2"		273	250	229	199	176	133	88									
IDROSAND 34/230	12,5	9,2	2"		334	307	282	241	212	162	106									
IDROSAND 40/230	15	11	2"		396	361	337	288	255	197	132									
SERIES 330																				
IDROSAND 4/330	2	1,5	2"	H (m)	39			34	32	29	26	24	19	16	11					
IDROSAND 5/330	3	2,2	2"		49			42	40	37	32	29	24	20	14					
IDROSAND 6/330	3	2,2	2"		58			48	46	43	38	34	28	23	16					
IDROSAND 7/330	4	3	2"		68			57	55	51	45	41	34	29	20					
IDROSAND 9/330	5,5	4	2"		89			74	71	64	56	50	41	34	24					
IDROSAND 10/330	5,5	4	2"		102			86	82	75	66	60	50	42	29					
IDROSAND 12/330	7,5	5,5	2"		121			101	96	87	77	69	57	48	33					
IDROSAND 14/330	7,5	5,5	2"		138			116	110	100	88	80	65	54	37					
IDROSAND 16/330	10	7,5	2"		160			134	127	116	104	94	78	65	46					
IDROSAND 19/330	10	7,5	2"		190			160	153	140	125	113	94	80	56					
IDROSAND 23/330	12,5	9,2	2"		233			198	190	175	157	143	119	101	72					
IDROSAND 28/330	15	11	2"		287			247	236	218	196	179	150	128	93					
IDROSAND 32/330	20	15	2"		326			285	274	252	226	205	172	148	108					
IDROSAND 36/330	20	15	2"		374			323	311	287	256	233	194	167	123					
IDROSAND 43/330	25	18,5	2"		444			383	367	339	304	276	231	198	145					
SERIES 400																				
IDROSAND+ 4/400	4	3	3"	H (m)	50				42	39	37	35,5	33	31	28	25	20	14		
IDROSAND+ 5/400	5,5	4	3"		64				53	51	49	47	44	42	38	35	29	20		
IDROSAND+ 6/400	5,5	4	3"		75				65	62	59	56	52	50	46	41	34	25		
IDROSAND+ 7/400	7,5	5,5	3"		90				76	73	69	66	62	59	54	48	40	29		
IDROSAND+ 8/400	10	7,5	3"		105				88	84	80	77	73	69	63	56	47	34		
IDROSAND+ 10/400	10	7,5	3"		130				110	105	100	97	90	86	78	70	58	42		
IDROSAND+ 12/400	12,5	9,2	3"		152				130	125	119	114	107	102	93	84	70	50		
IDROSAND+ 15/400	15	11	3"		190				160	155	148	142	132	126	116	104	87	63		
IDROSAND+ 20/400	20	15	3"		254				215	208	199	191	178	170	155	139	115	84		
IDROSAND+ 25/400	25	18,5	3"		312				268	259	247	237	221	210	192	172	143	104		
SERIES 530																				
IDROSAND 4/530	4	3	3"	H (m)	43					36		35	34	33	32	30	27	22	16	
IDROSAND 6/530	5,5	4	3"		64					53		52	50	49	48	45	40	33	24	
IDROSAND 8/530	7,5	5,5	3"		86					70	69	68	66	65	64	61	53	43	33	
IDROSAND 11/530	10	7,5	3"		118					97	95	94	92	90	87	83	73	60	44	
IDROSAND 14/530	12,5	9,2	3"		150					123	120	119	116	114	111	106	94	76	56	
IDROSAND 17/530	15	11	3"		182					149	146	145	141	139	135	129	113	93	69	
IDROSAND 22/530	20	15	3"		236					193	189	186	182	179	175	167	147	120	89	
IDROSAND 28/530	25	18,5	3"		300					246	240	237	232	228	223	213	187	152	113	
IDROSAND 33/530	30	22	3"		354					290	283	280	273	269	263	251	221	180	133	

Electric pumps supplied with 4" 'S' series motors up to 4 kW

PERFORMANCE DATA - PUMP ENDS - 2 poles 50 Hz

Semi-axial impeller 	P2		DNM (GAS)	Q	Flow												
	hp	kW		m³/h	0	21	24	27	30	33	36	39	42	48	54	60	
				l/min	0	350	400	450	500	550	600	650	700	800	900	1000	
SERIES 700																	
IDROSAND+ 3/700	5,5	4	3"	H (m)	41	34	31	28	25	22	18	14	9				
IDROSAND+ 5/700	7,5	5,5	3"		68	56	51	46	41	35	28	21	14				
IDROSAND+ 6/700	10	7,5	3"		84	65	59	54	48	42	34	27	17				
IDROSAND+ 8/700	12,5	9,2	3"		113	89	83	76	69	60	50	40	29				
IDROSAND+ 10/700	15	11	3"		141	112	104	96	86	75	62	50	36				
IDROSAND+ 13/700	20	15	3"		183	146	136	125	111	96	80	63	45				
IDROSAND+ 16/700	25	18,5	3"		223	177	164	150	134	116	96	75	54				
IDROSAND+ 19/700	30	22	3"		270	210	195	179	159	137	114	89	63				
SERIES 900																	
IDROSAND+ 2/900	5,5	4	3"	H (m)	29		24	23	22	21	20	19	18	16	13	9	
IDROSAND+ 3/900	7,5	5,5	3"		41		37	36	35	33,5	32	30	28	24	19	13	
IDROSAND+ 4/900	10	7,5	3"		56		50	48	46	44	42	40	38	33	26	18	
IDROSAND+ 5/900	12,5	9,2	3"		70		63	61	59	56	54	51	48	42	33	23	
IDROSAND+ 6/900	15	11	3"		86		76	73,5	71	68	65	62	59	51	41	29	
IDROSAND+ 8/900	20	15	3"		114		101	98	95	91	87	83	78	68	55	38	
IDROSAND+ 10/900	25	18,5	3"		143		127	123	119	114	109	104	98	85	68	48	
IDROSAND+ 12/900	30	22	3"		170		152	147	142	137	131	125	118	103	83	58	
IDROSAND+ 15/900	40	30	3"		210		190	183	177	170	163	156	147	127	102	74	

Electric pumps supplied with 4" 'S' series motors up to 4 kW

PERFORMANCE DATA - MOTORS - 2 poles 50 Hz

	Code	Voltage	Number of phases	P2		Axial load	Rotation	Nominal current	Start current	Start Torque	Efficiency %	Power factor	Size of cable	Length of cable
		V		hp	kW	F	η_N	I_N	I_A	M_A	η_N	$\cos \varnothing$		
						N	min^{-1}	A	A	Nm				
WATER FILLED SUBMERSIBLE MOTORS for 6" boreholes														
6TA55	M6TA55/2	400	3	5,5	4	8000	2900	10,6	55	34	81	0,7	4 x 4	3
6TA75	M6TA75/2	400	3	7,5	5,5	8000	2840	12,8	55	34	81	0,77	4 x 4	3
6TA10	M6TA10/2	400	3	10	7,5	8000	2830	17	73	51	80	0,79	4 x 4	3
6TA125	M6TA125/2	400	3	12,5	9,2	8000	2830	21,5	90	69	80	0,78	4 x 4	3
6TA15	M6TA15/2	400	3	15	11	8000	2850	24,8	110	80	81	0,79	4 x 4	3
6TAH15	M6TA15H/2	400	3	15	11	18000	2850	24,8	110	80	81	0,79	4 x 4	3
6TA20	M6TA20/2	400	3	20	15	18000	2880	30,7	140	63	85	0,8	4 x 4	3
6TA25	M6TA25/2	400	3	25	18,5	18000	2870	39,6	160	74	85	0,8	4 x 6	3
6TA30	M6TA30/2	400	3	30	22	18000	2900	46	180	97	86	0,8	4 x 6	3
6TA35	M6TA35/2	400	3	35	26	18000	2910	55,5	270	130	88	0,76	4 x 6	3
6TA40	M6TA40/2	400	3	40	30	18000	2900	62	270	130	87	0,8	4 x 6	3
6TA50	M6TA50/2	400	3	50	37	18000	2900	81,8	360	155	87	0,8	4 x 6	3

Electric submersible pumps IDROSAND series 230

for 6" boreholes

PERFORMANCE DATA - 2 poles 50 Hz

	Pump Code	Motor Code	Version		P2		A	Flow		DNM (GAS)	Dimensions (mm)			Cable	Weight
					hp	kW		l/min	m		A	B	C	m	kg
IDROSAND 6/230	P230/06	M4M20	230 V	1-phase	2	1,5	11	90 - 150 - 230	51 - 40 - 15	2"	1142	456	146	2	31
		M4T20	400 V	3-phase			4,2				1092	406	146	2	28,7
IDROSAND 8/230	P230/08	M4M30/2	230 V	1-phase	3	2,2	15,7	90 - 150 - 230	67 - 52 - 20	2"	1264	506	146	2	34
		M4T30	400 V	3-phase			5,7				1214	456	146	2	32,2
IDROSAND 9/230	P230/09	M4M30/2	230 V	1-phase	3	2,2	15,7	90 - 150 - 230	75 - 59 - 24	2"	1300	506	146	2	37,3
		M4T30	400 V	3-phase			5,7				1250	456	146	2	32,8
IDROSAND 11/230	P230/11	M4T40	400 V	3-phase	4	3	8	90 - 150 - 230	93 - 74 - 33	2"	1397	531	146	2	36,8
IDROSAND 14/230	P230/14	M4T55	400 V	3-phase	5,5	4	10	90 - 150 - 230	125 - 99 - 43	2"	1561	587	146	2	41,9
IDROSAND 17/230	P230/17	M6TA75/2	400 V	3-phase	7,5	5,5	12,8	90 - 150 - 230	150 - 118 - 52	2"	1754	672	146	3	66
IDROSAND 20/230	P230/20	M6TA75/2	400 V	3-phase	7,5	5,5	12,8	90 - 150 - 230	174 - 141 - 62	2"	1862	672	146	3	67,7
IDROSAND 24/230	P230/24	M6TA10/2	400 V	3-phase	10	7,5	17	90 - 150 - 230	207 - 166 - 77	2"	2031	697	146	3	73,3
IDROSAND 28/230	P230/28	M6TA10/2	400 V	3-phase	10	7,5	17	90 - 150 - 230	250 - 199 - 88	2"	2175	697	146	3	75,9
IDROSAND 34/230	P230/34	M6TA125/2	400 V	3-phase	12,5	9,2	21,5	90 - 150 - 230	307 - 241 - 106	2"	2488	722	146	3	83,2
IDROSAND 40/230	P230/40	M6TA15H/2	400 V	3-phase	15	11	24,8	90 - 150 - 230	361 - 288 - 132	2"	2744	762	146	3	93

Electric pumps supplied with 4" 'S' series motors up to 4 kW



SUPPLIED WITH

Capacitor (single-phase versions)



OPTIONS

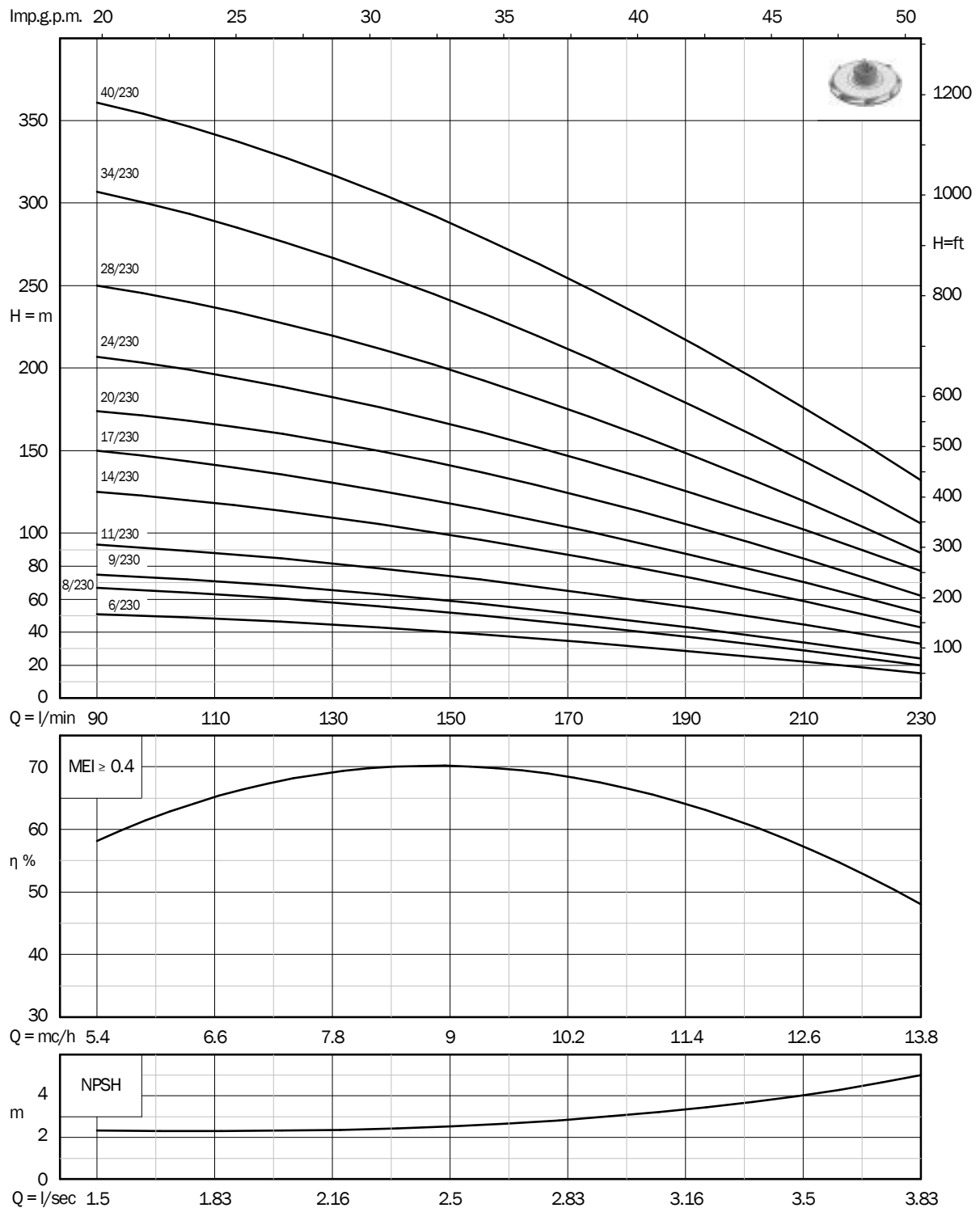
Pump end with two cables

Version for star-delta motors 400/690 V (for 6" motors)

Version with brass motor body (for 6" motors)



PERFORMANCE CURVES - 2 poles 50 Hz



Electric submersible pumps IDROSAND series 330

for 6" boreholes

PERFORMANCE DATA - 2 poles 50 Hz

	Pump Code	Motor Code	Version		P2		A	Flow		DNM (GAS)	Dimensions (mm)			Cable	Weight
					hp	kW		l/min	m		A	B	C	m	kg
IDROSAND 4/330	P330/04	M4M20	230 V	1-phase	2	1,5	11	150 - 250 - 330	34 - 24 - 11	2"	1070	456	146	2	28,9
		M4T20	400 V	3-phase			4,2				1020	406	146	2	26,7
IDROSAND 5/330	P330/05	M4M30/2	230 V	1-phase	3	2,2	15,7	150 - 250 - 330	42 - 29 - 14	2"	1156	506	146	2	31,4
		M4T30	400 V	3-phase			5,7				1106	456	146	2	29,6
IDROSAND 6/330	P330/06	M4M30/2	230 V	1-phase	3	2,2	15,7	150 - 250 - 330	48 - 34 - 16	2"	1192	506	146	2	35,4
		M4T30	400 V	3-phase			5,7				1142	456	146	2	30,2
IDROSAND 7/330	P330/07	M4T40	400 V	3-phase	4	3	8	150 - 250 - 330	57 - 41 - 20	2"	1253	531	146	2	33,9
IDROSAND 9/330	P330/09	M4T55	400 V	3-phase	5,5	4	10	150 - 250 - 330	74 - 50 - 24	2"	1381	587	146	2	38,8
IDROSAND 10/330	P330/10	M4T55	400 V	3-phase	5,5	4	10	150 - 250 - 330	86 - 60 - 29	2"	1417	587	146	2	39,2
IDROSAND 12/330	P330/12	M6TA75/2	400 V	3-phase	7,5	5,5	12,8	150 - 250 - 330	101 - 69 - 33	2"	1574	672	146	3	62
IDROSAND 14/330	P330/14	M6TA75/2	400 V	3-phase	7,5	5,5	12,8	150 - 250 - 330	116 - 80 - 37	2"	1646	672	146	3	63,1
IDROSAND 16/330	P330/16	M6TA10/2	400 V	3-phase	10	7,5	17	150 - 250 - 330	134 - 94 - 46	2"	1743	697	146	3	67,2
IDROSAND 19/330	P330/19	M6TA10/2	400 V	3-phase	10	7,5	17	150 - 250 - 330	160 - 113 - 56	2"	1851	697	146	3	68,5
IDROSAND 23/330	P330/23	M6TA125/2	400 V	3-phase	12,5	9,2	21,5	150 - 250 - 330	198 - 143 - 72	2"	2020	722	146	3	75,5
IDROSAND 28/330	P330/28	M6TA15/2	400 V	3-phase	15	11	24,8	150 - 250 - 330	247 - 179 - 93	2"	2240	762	146	3	82,1
IDROSAND 32/330	P330/32	M6TA20/2	400 V	3-phase	20	15	30,7	150 - 250 - 330	285 - 205 - 108	2"	2551	857	146	3	96,9
IDROSAND 36/330	P330/36	M6TA20/2	400 V	3-phase	20	15	30,7	150 - 250 - 330	323 - 233 - 123	2"	2695	857	146	3	101
IDROSAND 43/330	P330/43	M6TA25/2	400 V	3-phase	25	18,5	39,6	150 - 250 - 330	383 - 276 - 145	2"	2987	897	146	3	110,6

Electric pumps supplied with 4" 'S' series motors up to 4 kW



SUPPLIED WITH

Capacitor (single-phase versions)

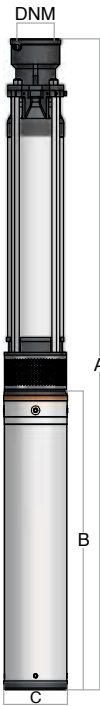


OPTIONS

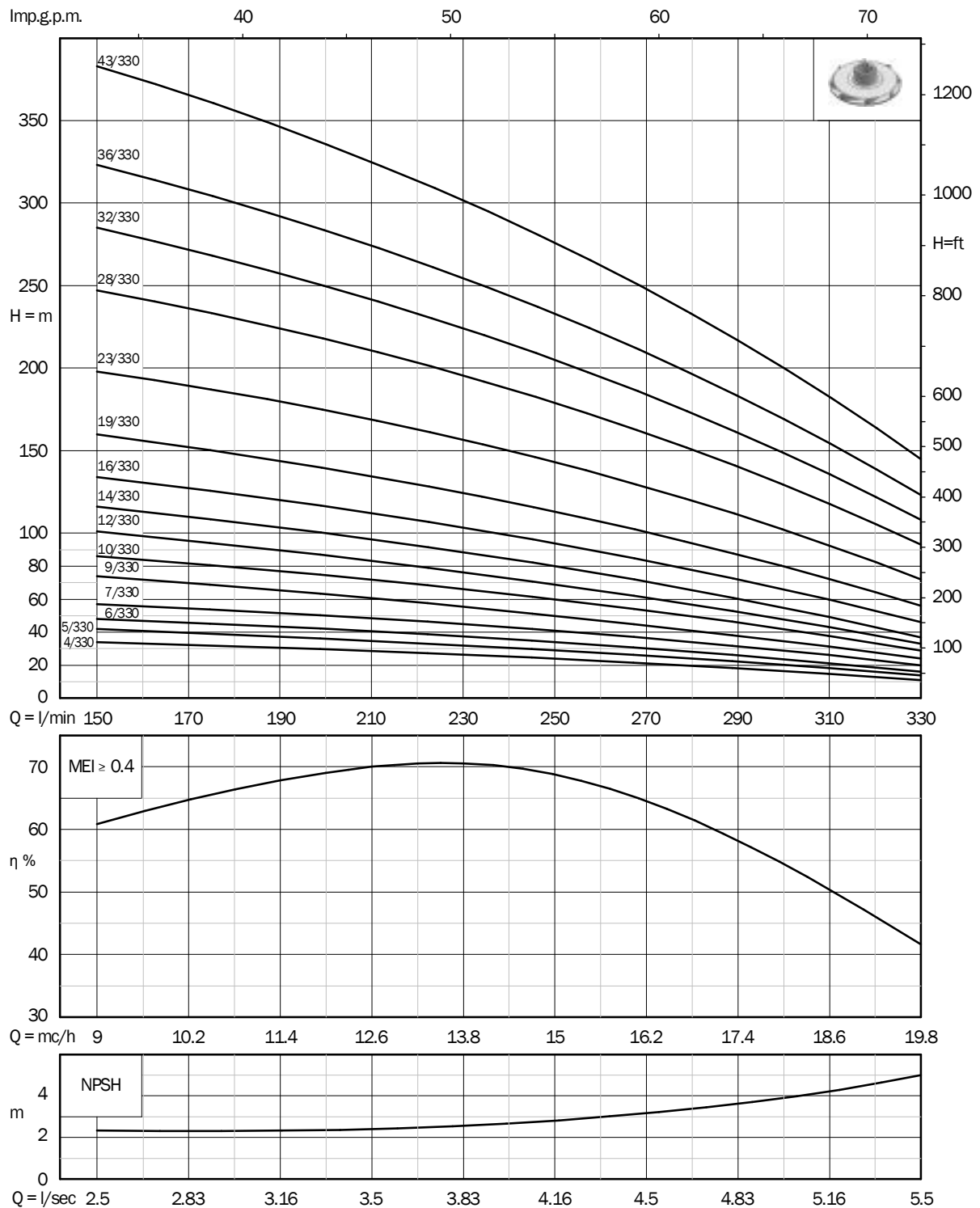
Pump end with two cables

Version for star-delta motors 400/690 V (for 6" motors)

Version with brass motor body (for 6" motors)



PERFORMANCE CURVES - 2 poles 50 Hz



Electric submersible pumps IDROSAND+ series 400

for 6" boreholes

PERFORMANCE DATA - 2 poles 50 Hz

Radial impeller 	Pump Code	Motor Code	Version		P2		A	Flow		DNM (GAS)	Dimensions (mm)			Cable	Weight
					hp	kW		l/min	m		A	B	C		
IDROSAND+ 4/400	P400/04	M4T40	400 V	3-phase	4	3	8	170 - 300 - 450	42 - 31 - 14	3"	1136	531	146	2	37
IDROSAND+ 5/400	P400/05	M4T55	400 V	3-phase	5,5	4	10	170 - 300 - 450	53 - 42 - 20	3"	1242	587	146	2	42,4
IDROSAND+ 6/400	P400/06	M4T55	400 V	3-phase	5,5	4	10	170 - 300 - 450	65 - 50 - 25	3"	1292	587	146	2	43,8
IDROSAND+ 7/400	P400/07	M6TA75/2	400 V	3-phase	7,5	5,5	12,8	170 - 300 - 450	76 - 59 - 29	3"	1427	672	146	3	66,5
IDROSAND+ 8/400	P400/08	M6TA10/2	400 V	3-phase	10	7,5	17	170 - 300 - 450	88 - 69 - 34	3"	1502	697	146	3	71
IDROSAND+ 10/400	P400/10	M6TA10/2	400 V	3-phase	10	7,5	17	170 - 300 - 450	110 - 86 - 42	3"	1602	697	146	3	74,1
IDROSAND+ 12/400	P400/12	M6TA125/2	400 V	3-phase	12,5	9,2	21,5	170 - 300 - 450	130 - 102 - 50	3"	1727	722	146	3	80
IDROSAND+ 15/400	P400/15	M6TA15/2	400 V	3-phase	15	11	24,8	170 - 300 - 450	160 - 126 - 63	3"	1917	762	146	3	89,1
IDROSAND+ 20/400	P400/20	M6TA20/2	400 V	3-phase	20	15	30,7	170 - 300 - 450	215 - 170 - 84	3"	2262	857	146	3	111,3
IDROSAND+ 25/400	P400/25	M6TA25/2	400 V	3-phase	25	18,5	39,6	170 - 300 - 450	268 - 210 - 104	3"	2552	897	146	3	123,1

Electric pumps supplied with 4" 'S' series motors up to 4 kW

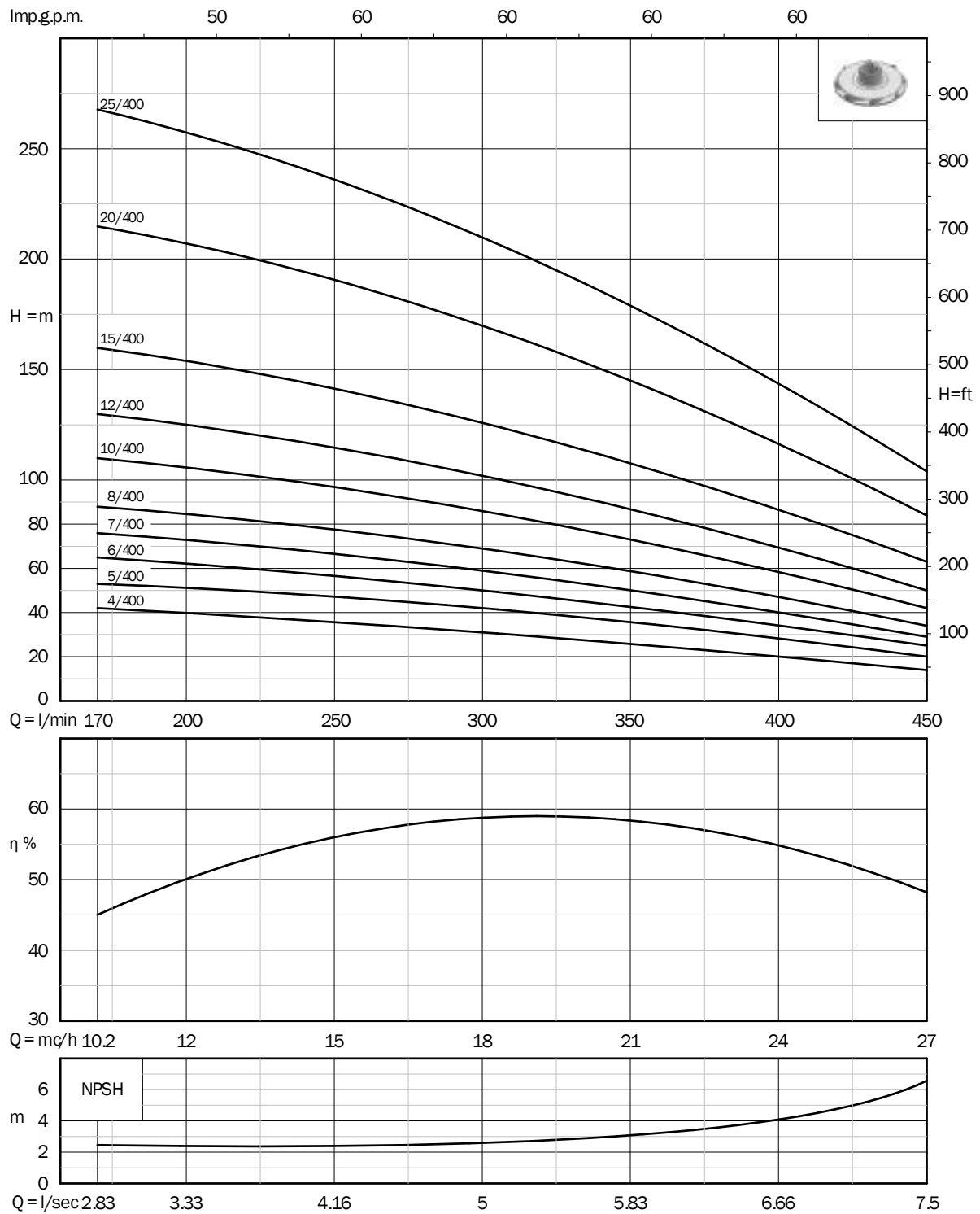


OPTIONS

- Pump end with two cables
- Version for star-delta motors 400/690 V (for 6" motors)
- Version with brass motor body (for 6" motors)



PERFORMANCE CURVES - 2 poles 50 Hz



Electric submersible pumps IDROSAND series 530

for 6" boreholes

PERFORMANCE DATA - 2 poles 50 Hz

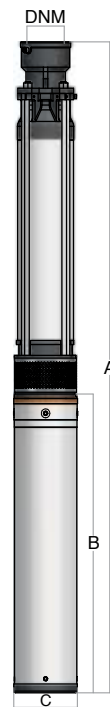
Radial impeller 	Pump Code	Motor Code	Version		P2		A	Flow		DNM (GAS)	Dimensions (mm)			Cable m	Weight kg
					hp	kW		l/min	m		A	B	C		
IDROSAND 4/530	P530/04	M4T40	400 V	3-phase	4	3	8	200 - 330 - 550	36 - 32 - 10	3"	1220	531	146	2	33,7
IDROSAND 6/530	P530/06	M4T55	400 V	3-phase	5,5	4	10	200 - 330 - 550	53 - 48 - 16	3"	1376	587	146	2	38,5
IDROSAND 8/530	P530/08	M6TA75/2	400 V	3-phase	7,5	5,5	12,8	200 - 330 - 550	70 - 64 - 21	3"	1579	672	146	3	61,2
IDROSAND 11/530	P530/11	M6TA10/2	400 V	3-phase	10	7,5	17	200 - 330 - 550	97 - 87 - 29	3"	1736	697	146	3	66,4
IDROSAND 14/530	P530/14	M6TA125/2	400 V	3-phase	12,5	9,2	21,5	200 - 330 - 550	123 - 111 - 37	3"	1911	722	146	3	71,3
IDROSAND 17/530	P530/17	M6TA15/2	400 V	3-phase	15	11	24,8	200 - 330 - 550	149 - 135 - 45	3"	2101	762	146	3	78,2
IDROSAND 22/530	P530/22	M6TA20/2	400 V	3-phase	20	15	30,7	200 - 330 - 550	193 - 175 - 59	3"	2446	857	146	3	94,3
IDROSAND 28/530	P530/28	M6TA25/2	400 V	3-phase	25	18,5	39,6	200 - 330 - 550	246 - 223 - 75	3"	2858	897	146	3	104,4
IDROSAND 33/530	P530/33	M6TA30/2	400 V	3-phase	30	22	46	200 - 330 - 550	290 - 263 - 88	3"	3208	997	146	3	119,7

Electric pumps supplied with 4" 'S' series motors up to 4 kW

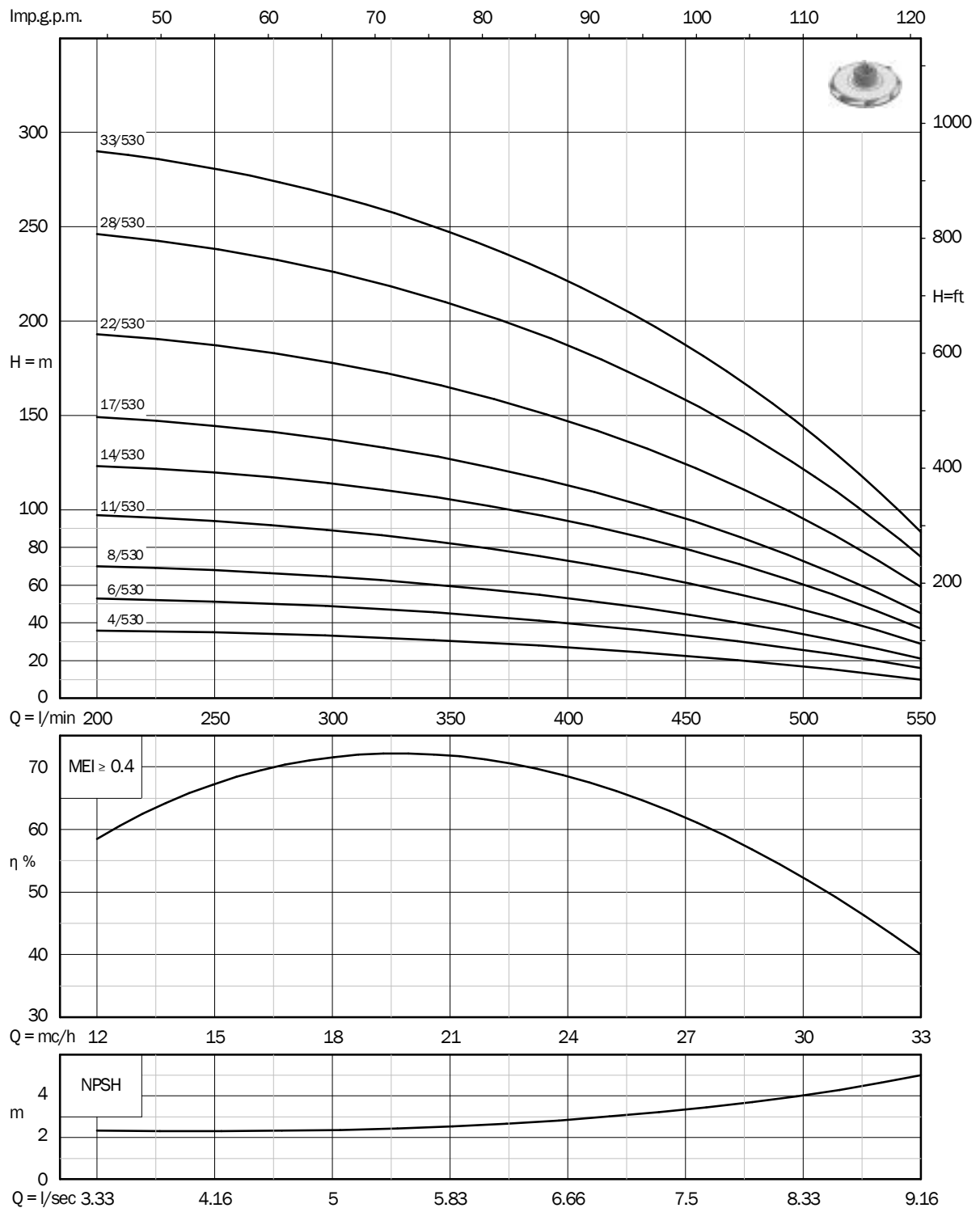


OPTIONS

- Pump end with two cables
- Version for star-delta motors 400/690 V (for 6" motors)
- Version with brass motor body (for 6" motors)



PERFORMANCE CURVES - 2 poles 50 Hz



Electric submersible pumps IDROSAND+ series 700

for 6" boreholes

PERFORMANCE DATA - 2 poles 50 Hz

Semi-axial impeller 	Pump Code	Motor Code	Version		P2		A	Flow		DNM (GAS)	Dimensions (mm)			Cable m	Weight kg
					hp	kW		l/min	m		A	B	C		
IDROSAND+ 3/700	P700/03	M4T55	400 V	3-phase	5,5	4	10	350 - 500 - 700	34 - 25 - 9	3"	1312	587	146	2	38,1
IDROSAND+ 5/700	P700/05	M6TA75/2	400 V	3-phase	7,5	5,5	12,8	350 - 500 - 700	56 - 41 - 14	3"	1553	672	146	3	61,8
IDROSAND+ 6/700	P700/06	M6TA10/2	400 V	3-phase	10	7,5	17	350 - 500 - 700	65 - 48 - 17	3"	1656	697	146	3	65,7
IDROSAND+ 8/700	P700/08	M6TA125/2	400 V	3-phase	12,5	9,2	21,5	350 - 500 - 700	89 - 69 - 29	3"	1837	722	146	3	70,7
IDROSAND+ 10/700	P700/10	M6TA15/2	400 V	3-phase	15	11	24,8	350 - 500 - 700	112 - 86 - 36	3"	2033	762	146	3	77,6
IDROSAND+ 13/700	P700/13	M6TA20/2	400 V	3-phase	20	15	30,7	350 - 500 - 700	146 - 111 - 45	3"	2362	857	146	3	93,8
IDROSAND+ 16/700	P700/16	M6TA25/2	400 V	3-phase	25	18,5	39,6	350 - 500 - 700	177 - 134 - 54	3"	2636	897	146	3	101,5
IDROSAND+ 19/700	P700/19	M6TA30/2	400 V	3-phase	30	22	46	350 - 500 - 700	210 - 159 - 63	3"	2970	997	146	3	115,9

Electric pumps supplied with 4" 'S' series motors up to 4 kW

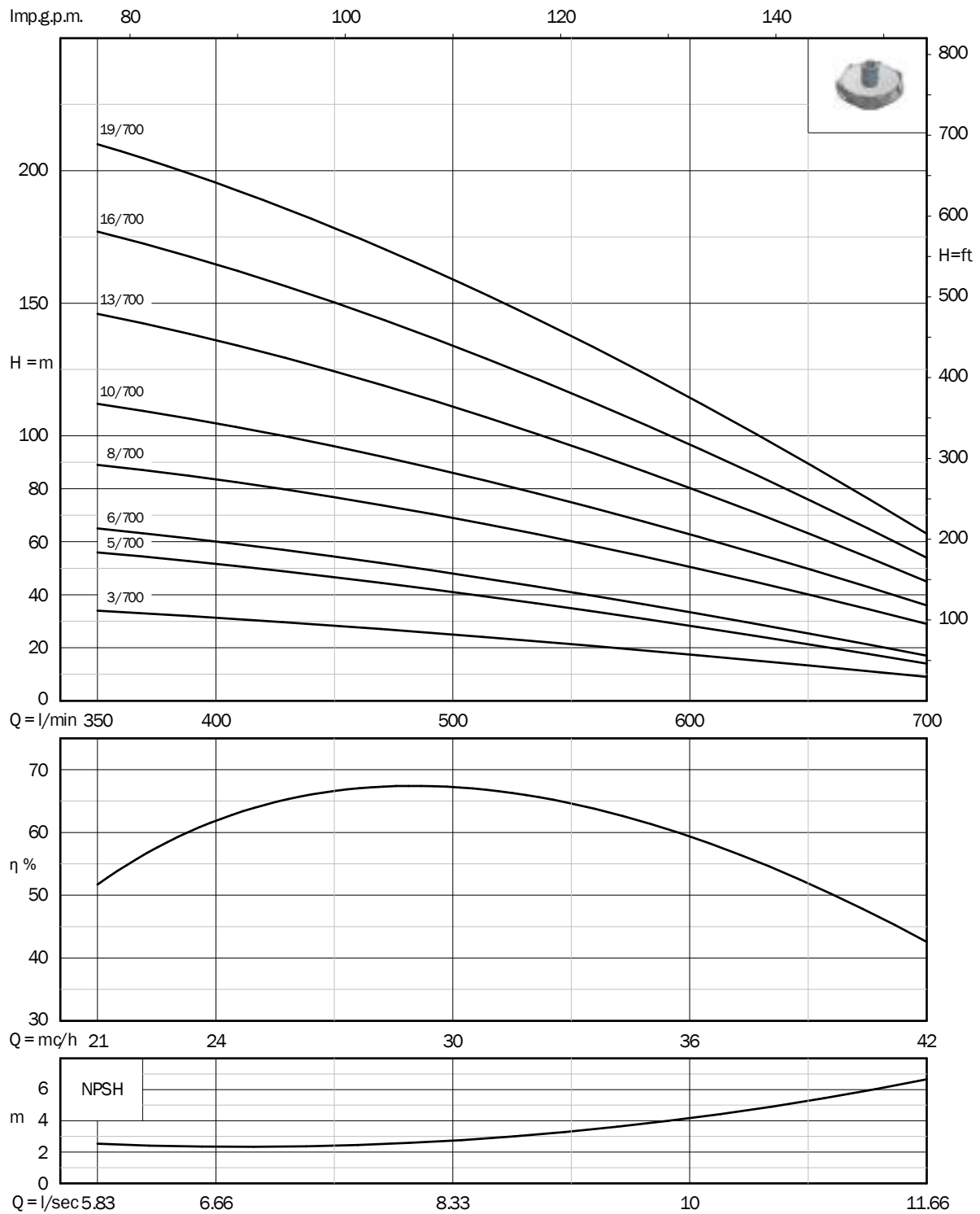


OPTIONS

- Pump end with two cables
- Version for star-delta motors 400/690 V (for 6" motors)
- Version with brass motor body (for 6" motors)



PERFORMANCE CURVES - 2 poles 50 Hz



Electric submersible pumps IDROSAND+ series 900

for 6" boreholes

PERFORMANCE DATA - 2 poles 50 Hz

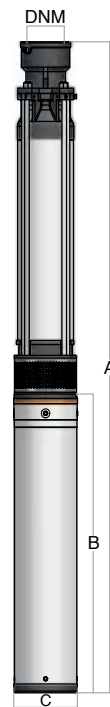
Semi-axial impeller 	Pump Code	Motor Code	Version		P2		A	Flow		DNM (GAS)	Dimensions (mm)			Cable m	Weight kg
					hp	kW		l/min	m		A	B	C		
IDROSAND+ 2/900	P900/02	M4T55	400 V	3-phase	5,5	4	10	400-650-1000	24 - 19 - 9	3"	1298	587	146	2	37,2
IDROSAND+ 3/900	P900/03	M6TA75/2	400 V	3-phase	7,5	5,5	12,8	400-650-1000	37 - 30 - 13	3"	1491	672	146	3	60,3
IDROSAND+ 4/900	P900/04	M6TA10/2	400 V	3-phase	10	7,5	17	400-650-1000	50 - 40 - 18	3"	1624	697	146	3	64,9
IDROSAND+ 5/900	P900/05	M6TA125/2	400 V	3-phase	12,5	9,2	21,5	400-650-1000	63 - 51 - 23	3"	1757	722	146	3	69,2
IDROSAND+ 6/900	P900/06	M6TA15/2	400 V	3-phase	15	11	24,8	400-650-1000	76 - 62 - 29	3"	1905	762	146	3	75,4
IDROSAND+ 8/900	P900/08	M6TA20/2	400 V	3-phase	20	15	30,7	400-650-1000	101 - 83 - 38	3"	2216	857	146	3	91,4
IDROSAND+ 10/900	P900/10	M6TA25/2	400 V	3-phase	25	18,5	39,6	400-650-1000	127 - 104 - 48	3"	2472	897	146	3	99,3
IDROSAND+ 12/900	P900/12	M6TA30/2	400 V	3-phase	30	22	46	400-650-1000	152 - 125 - 58	3"	2788	997	146	3	113,8
IDROSAND+ 15/900	P900/15	M6TA40/2	400 V	3-phase	40	30	62	400-650-1000	190 - 156 - 74	3"	3242	1127	146	3	133,4

Electric pumps supplied with 4" 'S' series motors up to 4 kW



OPTIONS

- Pump end with two cables
- Version for star-delta motors 400/690 V (for 6" motors)
- Version with brass motor body (for 6" motors)



PERFORMANCE CURVES - 2 poles 50 Hz

