

VS 46

TABLE OF HYDRAULIC PERFORMANCE AT 50 Hz

Pump model	Vers. R	RATED POWER		Q = DELIVERY							
				m ³ /h 0	25	30	35	40	45	50	55
		[kW]	[HP]	l/min 0	416.5	500	583.5	666.5	750	833.5	916.5
				H = TOTAL METERS HEAD OF WATER COLUMN [m]							
VS 46/2	●	3	4	26.4	22.6	20.9	19.3	17.8	16.6	15.1	13.4
VS 46/3	●	4	5.5	39.4	33.8	31.2	28.8	26.6	24.7	22.5	19.9
VS 46/4	●	5.5	7.5	52.5	45	41.5	38.3	35.5	32.9	29.9	26.5
VS 46/5	●	7.5	10	66.1	56.8	52.3	48.3	44.7	41.5	37.8	33.6
VS 46/6	●	9.3	12.5	80.7	70	65.2	60.4	55.5	50.3	46	41.6
VS 46/7	●	9.3	12.5	93.1	80.4	74.8	69.3	63.5	57.6	52.7	47.5
VS 46/8	●	11	15	106.1	91.6	85.1	78.9	72.2	65.5	59.9	54
VS 46/9	●	15	20	121.5	105.5	98.2	91	83.7	75.9	69.5	62.9
VS 46/10	●	15	20	134	116.1	108	100.1	91.9	83.3	76.2	68.9
VS 46/11	●	15	20	146.3	126.5	117.6	109	99.9	90.5	82.8	74.7
VS 46/12	●	18.5	25	161.3	140	130.3	120.8	110.9	100.6	92	83.3
VS 46/13	●	18.5	25	173.8	150.5	140	129.8	119	107.9	98.7	89.2
VS 46/14	●	18.5	25	186.1	160.9	149.5	138.7	127	115.1	105.3	95
VS 46/15	●	22	30	200.8	174.1	161.9	150.1	137.7	124.9	114.3	103.3
VS 46/16	●	22	30	213.2	184.5	171.5	159.1	145.8	132.2	120.9	109.1
VS 46/17	●	22	30	225.4	194.7	181	167.8	153.6	139.3	127.3	114.8
VS 46/18	●	30	40	243.8	212.3	197.6	183.1	168.6	152.9	139.9	126.8
VS 46/19	●	30	40	256.6	223.1	207.7	192.5	177	160.5	146.9	133
VS 46/20	●	30	40	269.2	233.8	217.6	201.7	185.3	168.1	153.7	139.1
VS 46/21	●	30	40	281.8	244.4	227.4	210.8	193.5	175.5	160.5	145.2
VS 46/22	●	30	40	294.2	254.9	237	219.8	201.6	182.8	167.2	151.1
VS 46/23	●	30	40	306.6	265.2	246.6	228.6	209.5	190	173.8	156.9
VS 46/24	●	37	50	322.4	279.8	260.3	241.3	221.6	200.9	183.8	166.3
VS 46/25	●	37	50	334.9	290.3	270	250.3	229.7	208.3	190.6	172.2
VS 46/26		37	50	347.3	300.7	279.6	259.3	237.8	215.6	197.2	178.1
VS 46/27		37	50	359.6	311.1	289.2	268.2	245.7	222.8	203.7	183.9
VS 46/28		37	50	371.8	321.3	298.6	276.9	253.6	229.9	210.2	189.6
VS 46/29		45	60	390.1	338.7	315.1	292.1	268.3	243.3	222.6	201.4
VS 46/30		45	60	402.7	349.2	324.9	301.1	276.5	250.7	229.4	207.4
VS 46/31		45	60	415.1	359.6	334.5	310.1	284.5	258	236	213.3
VS 46/32		45	60	427.5	370	344.1	319	292.5	265.2	242.6	219.1
VS 46/33		45	60	439.8	380.3	353.5	327.8	300.4	272.3	249.1	224.8
VS 46/34		55	75	469.3	410.9	383.1	354.8	328	297.6	271.9	248.1
VS 46/35		55	75	482.5	422.3	393.7	364.6	337	305.8	279.4	254.8
VS 46/36		55	75	495.7	433.7	404.3	374.4	345.9	313.9	286.8	261.4
VS 46/37		55	75	508.9	445	414.8	384.1	354.8	321.9	294.2	268.1
VS 46/38		55	75	522	456.3	425.3	393.8	363.7	330	301.6	274.7
VS 46/39		55	75	535.1	467.5	435.7	403.5	372.5	337.9	308.9	281.2
VS 46/40		55	75	548.1	478.7	446.1	413.1	381.3	345.9	316.2	287.8

● = Pump available in R version (AISI 904L)

VS 46 50 Hz

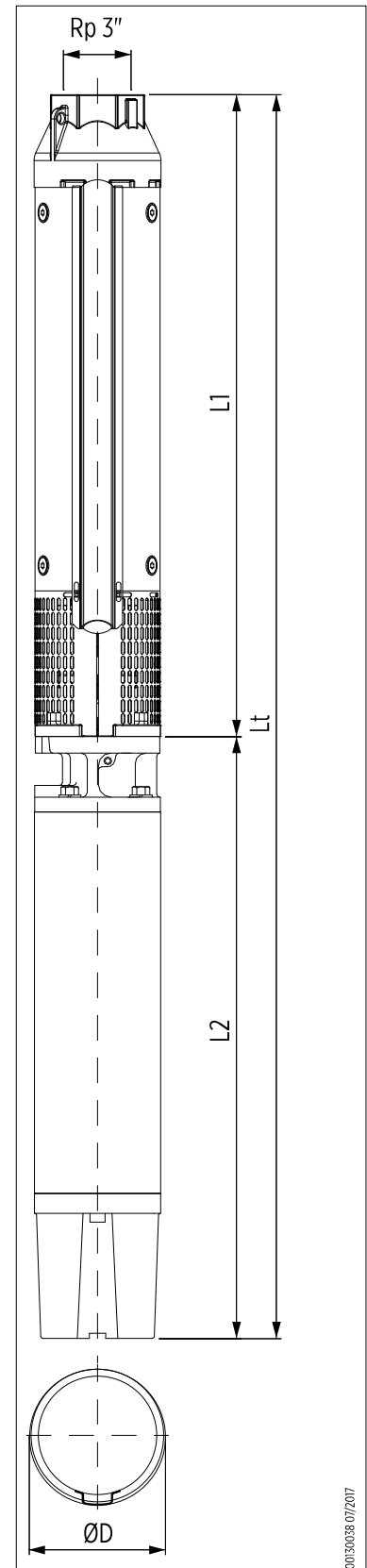
TECHNICAL DATA - PUMPS WITH ENCAPSULATED MOTOR

Pump model	Motor			Dimensions					Pump weight [Kg]
	Type	[kW]	[HP]	L1 [mm]	L2 [mm]	Lt [mm]	D [mm]		
							1 cable	2 cable	
VS 46/2	E4	3	4	593.5	477	1070.5	142.5	-	31
VS 46/3	E4	4	5.5	707.5	543	1250.5	142.5	-	36.5
VS 46/4	E4	5.5	7.5	821.5	652.5	1474	142.5	-	45.5
VS 46/5	E4	7.5	10	935.5	730.5	1666	142.5	-	52.5
VS 46/2	E6	4	5.5	591.5	581	1172.5	143	144.5	51
VS 46/3	E6	4	5.5	705.5	581	1286.5	143	144.5	53.5
VS 46/4	E6	5.5	7.5	819.5	614.5	1434	143	144.5	60
VS 46/5	E6	7.5	10	933.5	646	1579.5	143	144.5	66.5
VS 46/6	E6	9.3	12.5	1047	678.5	1725.5	143	144.5	71.5
VS 46/7	E6	9.3	12.5	1161	678.5	1839.5	143	144.5	74
VS 46/8	E6	11	15	1275	711	1986	143	144.5	80
VS 46/9	E6	15	20	1389	776	2165	143	144.5	88.5
VS 46/10	E6	15	20	1503	776	2279	143	144.5	91
VS 46/11	E6	15	20	1617	776	2393	143	144.5	93.5
VS 46/12	E6	18.5	25	1730.5	841.5	2572	143	144.5	103
VS 46/13	E6	18.5	25	1844.5	841.5	2686	143	144.5	105.5
VS 46/14	E6	18.5	25	1958.5	841.5	2800	143	144.5	108.5
VS 46/15	E6	22	30	2072.5	906.5	2979	143	144.5	117
VS 46/16	E6	22	30	2186	906.5	3092.5	143	144.5	119.5
VS 46/17	E6	22	30	2300	906.5	3206.5	143	144.5	122
VS 46/18	E6	30	40	2414	1036.5	3450.5	143	144.5	139.5
VS 46/19	E6	30	40	2527.5	1036.5	3564	143	144.5	142
VS 46/20	E6	30	40	2641.5	1036.5	3678	143	144.5	144.5
VS 46/21	E6	30	40	2755	1036.5	3791.5	143	144.5	147
VS 46/22	E6	30	40	2869	1036.5	3905.5	143	144.5	149.5
VS 46/23	E6	30	40	2983	1036.5	4019.5	143	144.5	152.5
VS 46/24	E6	37	50	3096.5	1421.5	4518	143	144.5	209
VS 46/25	E6	37	50	3210.5	1421.5	4632	143	144.5	211.5
VS 46/26	E6	37	50	3324	1421.5	4745.5	143	144.5	214

TECHNICAL DATA - PUMPS WITH REWINDABLE MOTOR

Pump model	Vers. R	Motor			Dimensions					Pump weight [Kg]
		Type	[kW]	[HP]	L1 [mm]	L2 [mm]	Lt [mm]	D [mm]		
								1 cable	2 cable	
VS 46/2	●	RW6	4	5.5	591.5	699	1290.5	147	147.5	61.5
VS 46/3	●	RW6	4	5.5	705.5	699	1404.5	147	147.5	64
VS 46/4	●	RW6	5.5	7.5	819.5	699	1518.5	147	147.5	67
VS 46/5	●	RW6	7.5	10	933.5	719	1652.5	147	147.5	71.5
VS 46/6	●	RW6	9.3	12.5	1047	749	1796	147	147.5	77
VS 46/7	●	RW6	9.3	12.5	1161	749	1910	147	147.5	79.5
VS 46/8	●	RW6	11	15	1275	779	2054	147	147.5	85
VS 46/9	●	RW6	13	17.5	1389	829	2218	147	147.5	93
VS 46/10	●	RW6	13	17.5	1503	829	2332	147	147.5	95.5
VS 46/11	●	RW6	15	20	1617	874	2491	147	147.5	103
VS 46/12	●	RW6	18.5	25	1730.5	919	2649.5	147	147.5	109.5
VS 46/13	●	RW6	18.5	25	1844.5	919	2763.5	147	147.5	112
VS 46/14	●	RW6	18.5	25	1958.5	919	2877.5	147	147.5	115
VS 46/15	●	RW6	22	30	2072.5	1009	3081.5	147	147.5	126.5
VS 46/16	●	RW6	22	30	2186	1009	3195	147	147.5	129
VS 46/17	●	RW6	22	30	2300	1009	3309	147	147.5	131.5
VS 46/18	●	RW6	26	35	2414	1114	3528	147	147.5	145.5
VS 46/19	●	RW6	26	35	2527.5	1114	3641.5	147	147.5	148
VS 46/20	●	RW6	30	40	2641.5	1214	3855.5	147	147.5	160.5
VS 46/21	●	RW6	30	40	2755	1214	3969	147	147.5	163
VS 46/22	●	RW6	30	40	2869	1214	4083	147	147.5	165.5
VS 46/23	●	RW6	30	40	2983	1214	4197	147	147.5	168.5
VS 46/24	●	RW6	37	50	3096.5	1294	4390.5	147	147.5	178
VS 46/25	●	RW6	37	50	3210.5	1294	4504.5	147	147.5	180.5
VS 46/26	●	RW6	37	50	3324	1294	4618	147	147.5	183

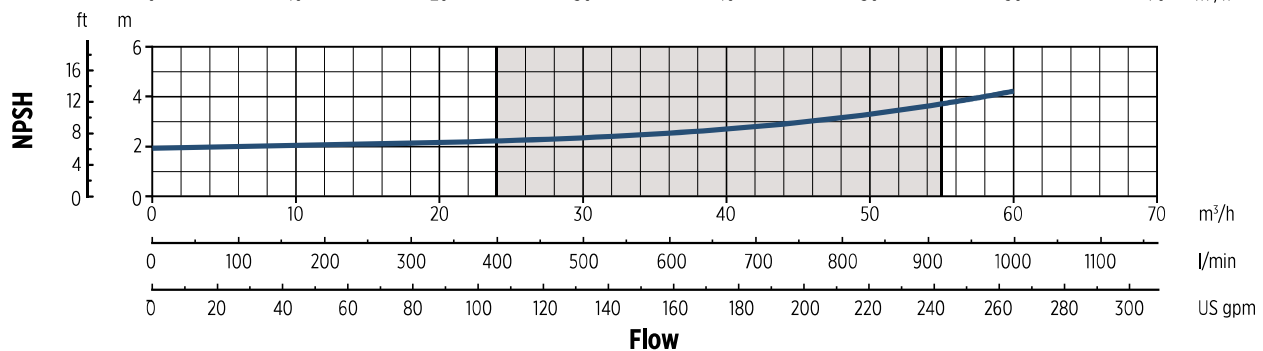
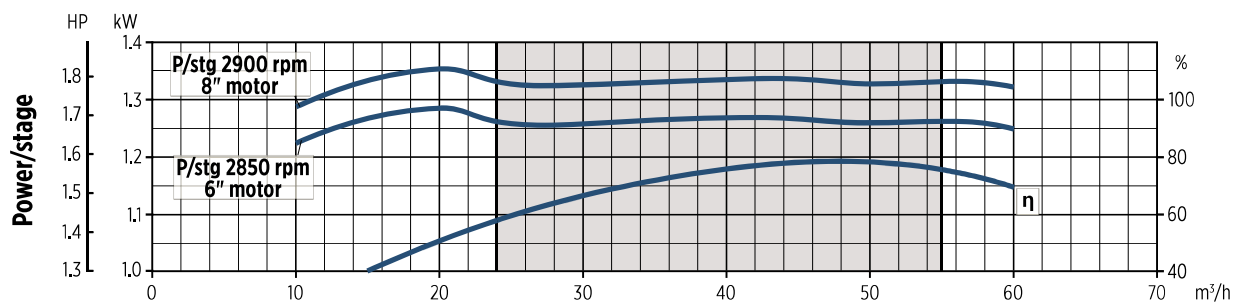
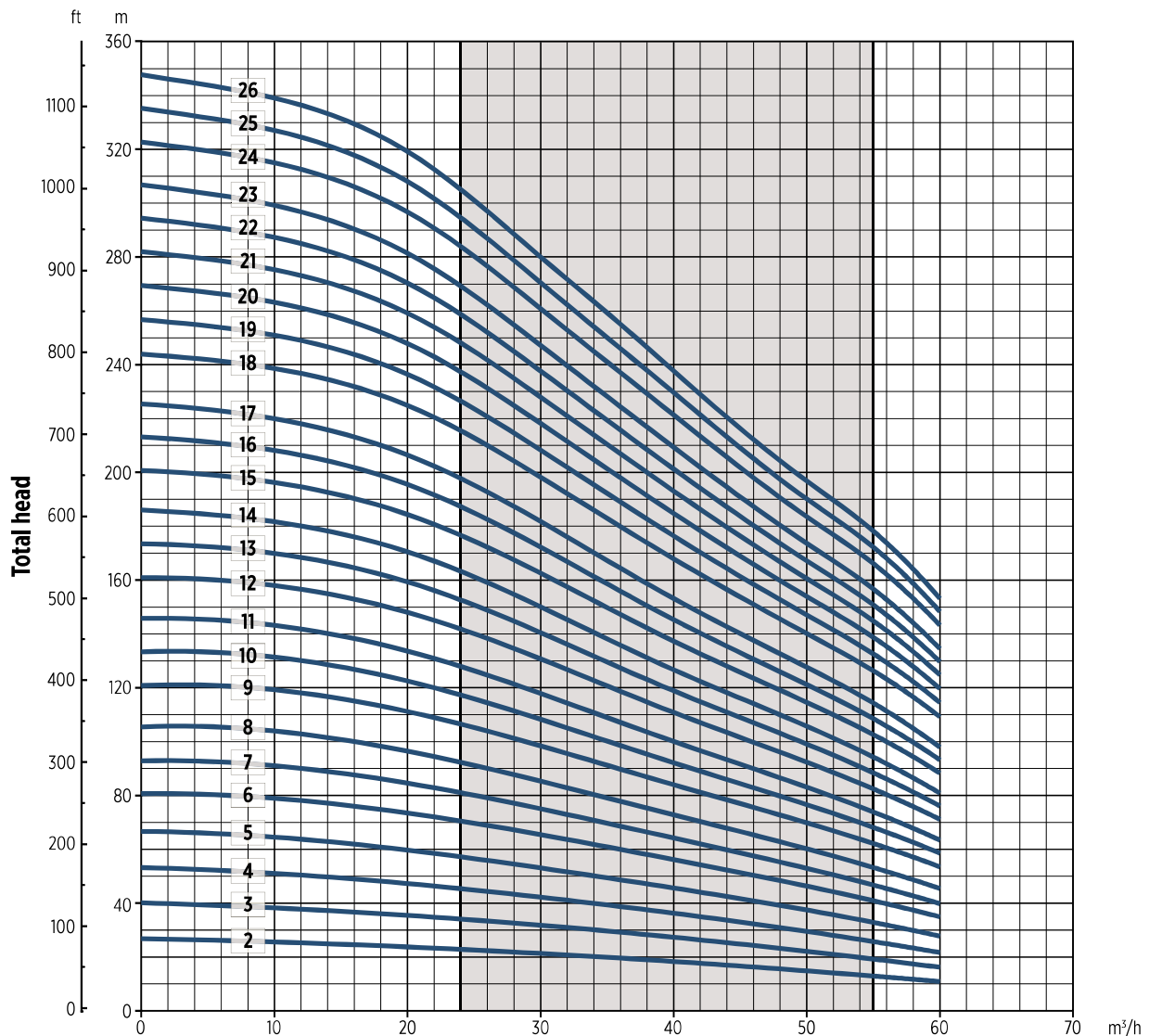
● = Pump available in R (AISI 904L) version



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PERFORMANCE CURVES AT 50 Hz

MEI ≥ 0,40



The hydraulic characteristics are guaranteed, according to ISO standard 9906:2012, grade 3B

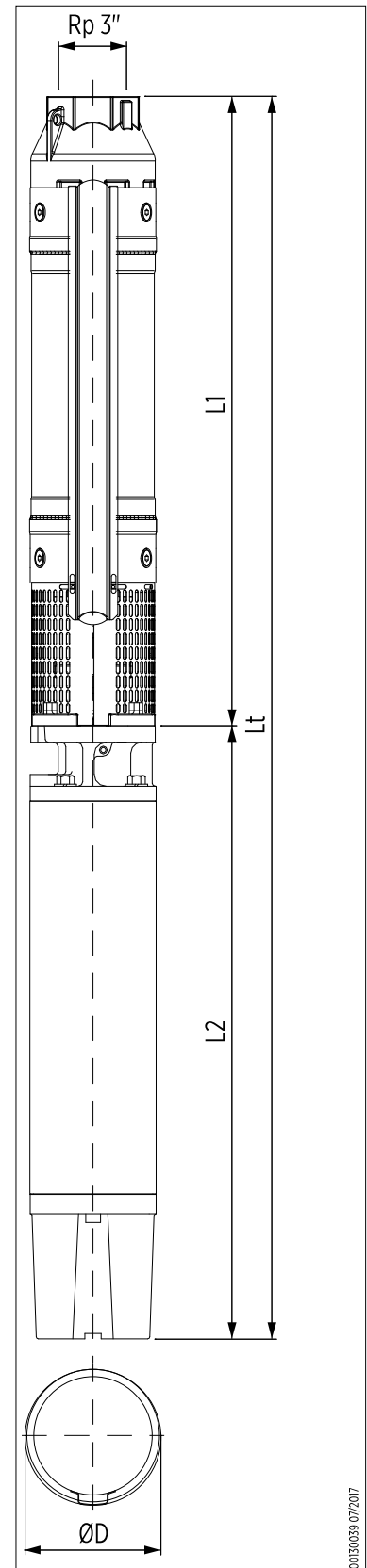
VS 46 High Pressure 50 Hz

TECHNICAL DATA - PUMPS WITH ENCAPSULATED MOTOR

Pump model	Motor			Dimensions					Pump weight [Kg]
	Type	[kW]	[HP]	L1 [mm]	L2 [mm]	Lt [mm]	D [mm]		
							1 cable	2 cable	
VS 46/27	E6	37	50	3438	1421,5	4859,5	145	146,5	217,5
VS 46/28	E6	37	50	3552	1421,5	4973,5	145	146,5	220
VS 46/29	E6	45	60	3665,5	1574	5239,5	145	146,5	236,5
VS 46/30	E6	45	60	3779,5	1574	5353,5	145	146,5	239
VS 46/31	E6	45	60	3893,5	1574	5467,5	145	146,5	242
VS 46/32	E6	45	60	4007	1574	5581	145	146,5	244,5
VS 46/33	E6	45	60	4121	1574	5695	145	146,5	247
VS 46/34	E8	55	75	4335	1204	5539	190,5	190,5	279
VS 46/35	E8	55	75	4449	1204	5653	190,5	190,5	281,5
VS 46/36	E8	55	75	4562,5	1204	5766,5	190,5	190,5	284,5
VS 46/37	E8	55	75	4676,5	1204	5880,5	190,5	190,5	287
VS 46/38	E8	55	75	4790,5	1204	5994,5	190,5	190,5	289,5
VS 46/39	E8	55	75	4904,5	1204	6108,5	190,5	190,5	292
VS 46/40	E8	55	75	5018,5	1204	6222,5	190,5	190,5	295

TECHNICAL DATA - PUMPS WITH REWINDABLE MOTOR

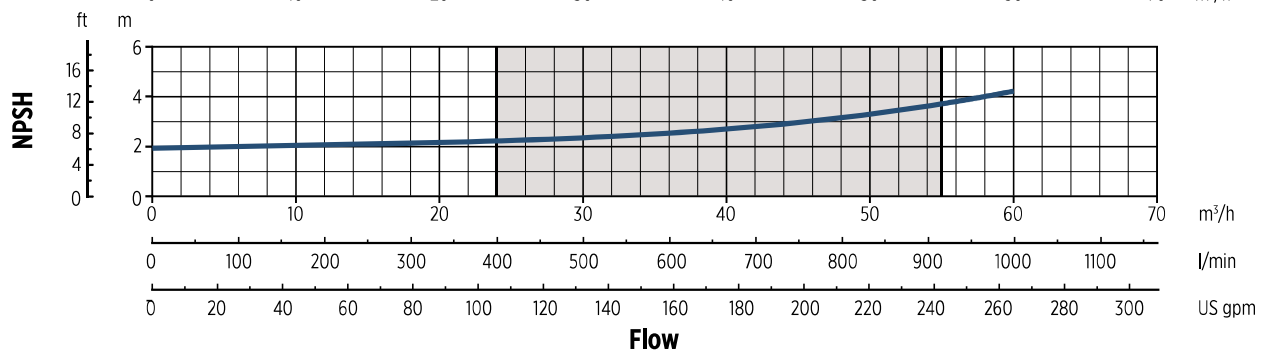
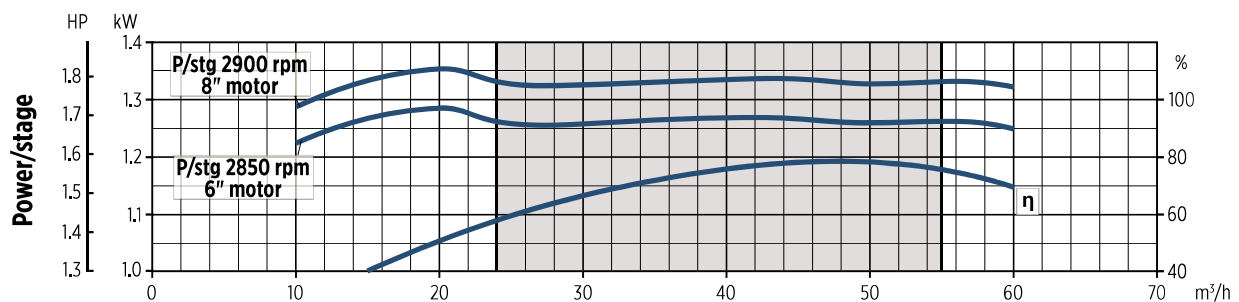
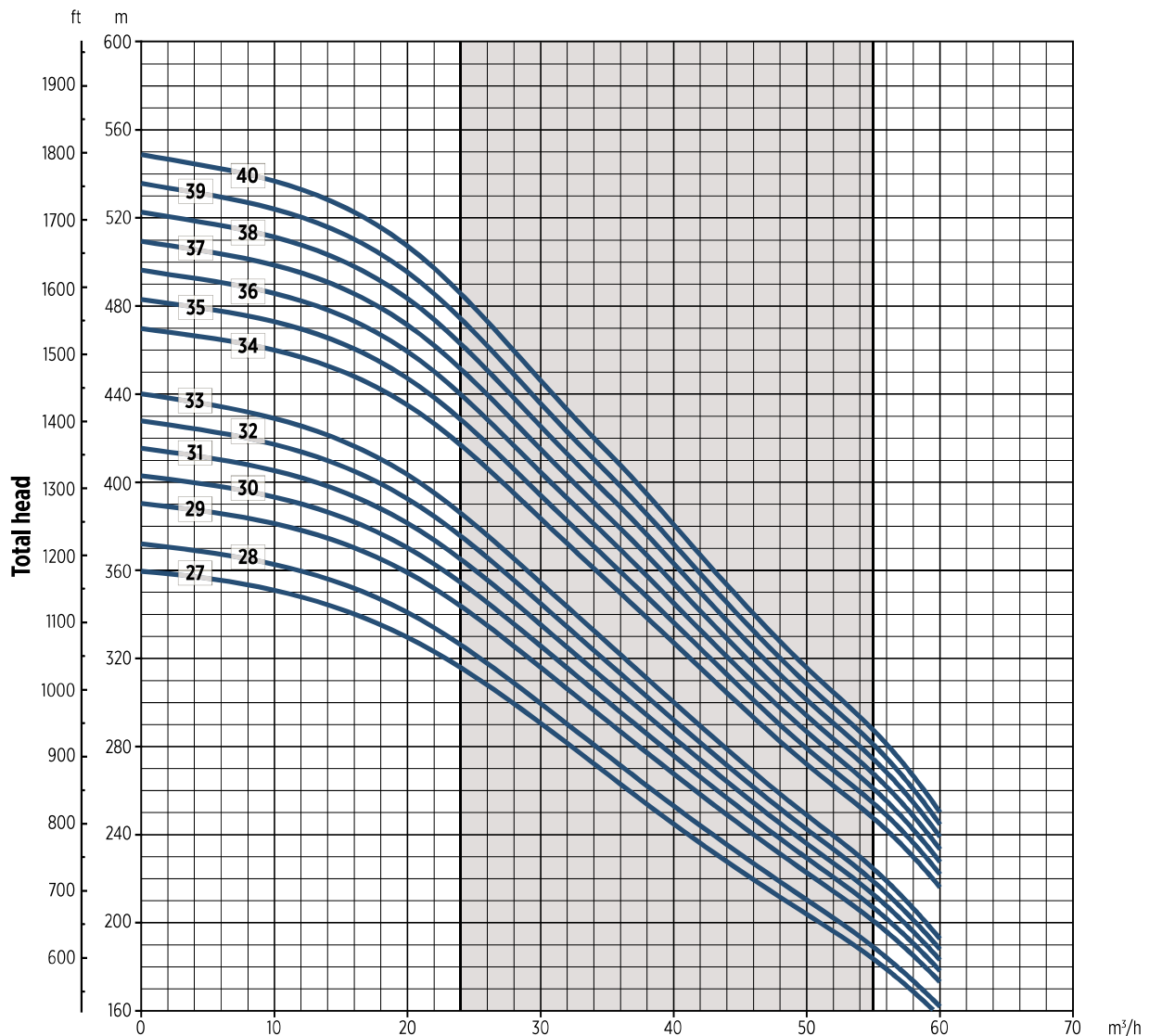
Pump model	Motor			Dimensions					Pump weight [Kg]
	Type	[kW]	[HP]	L1 [mm]	L2 [mm]	Lt [mm]	D [mm]		
							1 cable	2 cable	
VS 46/27	RW6	37	50	3438	1294	4732	149	149,5	186,5
VS 46/28	RW6	37	50	3552	1294	4846	149	149,5	189
VS 46/29	RW8	45	60	3765,5	1230	4995,5	189	189	246,5
VS 46/30	RW8	45	60	3879,5	1230	5109,5	189	189	249
VS 46/31	RW8	45	60	3993,5	1230	5223,5	189	189	252
VS 46/32	RW8	45	60	4107	1230	5337	189	189	254,5
VS 46/33	RW8	45	60	4221	1230	5451	189	189	257
VS 46/34	RW8	55	75	4335	1340	5675	189	189	283
VS 46/35	RW8	55	75	4449	1340	5789	189	189	285,5
VS 46/36	RW8	55	75	4562,5	1340	5902,5	189	189	288,5
VS 46/37	RW8	55	75	4676,5	1340	6016,5	189	189	291
VS 46/38	RW8	55	75	4790,5	1340	6130,5	189	189	293,5
VS 46/39	RW8	55	75	4904,5	1340	6244,5	189	189	296
VS 46/40	RW8	55	75	5018,5	1340	6358,5	189	189	299



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PERFORMANCE CURVES AT 50 Hz

MEI ≥ 0,40



The hydraulic characteristics are guaranteed, according to ISO standard 9906:2012, grade 3B