

VS 30

TABLE OF HYDRAULIC PERFORMANCE AT 50 Hz

Pump model	Vers. R	RATED POWER		Q = DELIVERY						
				m ³ /h 0	15	20	25	30	35	40
		[kW]	[HP]	l/min 0	250	333.5	416.5	500	583.5	666.5
H = TOTAL METERS HEAD OF WATER COLUMN [m]										
VS 30/3	●	3.7	5	46.3	38.9	36	33.3	30.2	26.7	21.7
VS 30/4	●	5.5	7.5	62.5	52.6	48.8	45.2	41.1	36.5	30
VS 30/5	●	7.5	10	78.6	66.2	61.5	56.9	51.8	46.1	38
VS 30/6	●	7.5	10	93.1	78.4	72.6	67.1	61	54	44.1
VS 30/7	●	9.3	12.5	110	92.6	86	79.7	72.6	64.6	53.3
VS 30/8	●	11	15	125.5	105.7	98.1	90.9	82.7	73.6	60.5
VS 30/9	●	11	15	140.1	117.9	109.3	101.1	91.8	81.4	66.6
VS 30/10	●	15	20	158.2	133.3	123.8	114.9	104.7	93.5	77.3
VS 30/11	●	15	20	173	145.7	135.3	125.4	114.1	101.7	83.8
VS 30/12	●	15	20	187.7	158	146.6	135.7	123.4	109.6	90
VS 30/13	●	18.5	25	205.2	172.9	160.6	148.9	135.7	121.1	100
VS 30/14	●	18.5	25	220	185.3	172.1	159.4	145.1	129.2	106.5
VS 30/15	●	22	30	237	199.7	185.5	172.1	156.8	140	115.7
VS 30/16	●	22	30	251.9	212.2	197.1	182.6	166.3	148.3	122.3
VS 30/17	●	22	30	266.7	224.5	208.4	193	175.7	156.4	128.7
VS 30/18	●	22	30	281.3	236.8	219.7	203.3	185	164.3	134.9
VS 30/19	●	30	40	302.1	254.7	236.8	219.9	200.7	179.7	149.2
VS 30/20	●	30	40	317.3	267.4	248.6	230.7	210.5	188.2	156
VS 30/21	●	30	40	332.3	280	260.2	241.5	220.1	196.7	162.8
VS 30/22	●	30	40	347.3	292.6	271.8	252.1	229.7	205	169.4
VS 30/23	●	30	40	362.2	305.1	283.4	262.6	239.2	213.2	175.9
VS 30/24	●	30	40	377	317.5	294.8	273.1	248.6	221.4	182.2
VS 30/25	●	37	50	395.2	333	309.4	287	261.5	233.5	193.1
VS 30/26	●	37	50	410.1	345.5	320.9	297.5	271.1	241.8	199.7
VS 30/27	●	37	50	425	357.9	332.4	308.1	280.5	250	206.1
VS 30/28	●	37	50	439.8	370.3	343.8	318.5	289.9	258.1	212.5
VS 30/29	●	37	50	454.5	382.6	355.2	328.9	299.2	266.2	218.8
VS 30/30	●	37	50	469.1	394.9	366.4	339.1	308.5	274.1	224.9
VS 30/31		45	60	490	412.9	383.6	355.8	324.2	289.4	239.3
VS 30/32		45	60	505	425.4	395.2	366.4	333.7	297.7	245.8
VS 30/33		45	60	519.8	437.9	406.7	376.9	343.2	305.9	252.2
VS 30/34		45	60	534.6	450.3	418.1	387.3	352.6	314	258.6
VS 30/35		45	60	549.4	462.6	429.5	397.7	361.9	322	264.8
VS 30/36		45	60	564.1	474.9	440.8	408	371.1	329.9	270.9
VS 30/37		45	60	578.7	487.1	452	418.2	380.3	337.7	277
VS 30/38		55	75	612.9	517.4	481.6	448.2	409.8	368.6	308.6
VS 30/39		55	75	628.4	530.5	493.7	459.4	420	377.6	315.9
VS 30/40		55	75	644	543.5	505.8	470.6	430.1	386.6	323.2
VS 30/41		55	75	659.4	556.6	517.9	481.7	440.2	395.6	330.5
VS 30/42		55	75	674.9	569.5	529.9	492.8	450.3	404.5	337.7
VS 30/43		55	75	690.3	582.5	542	503.9	460.3	413.3	344.9

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

VS 30 50 Hz

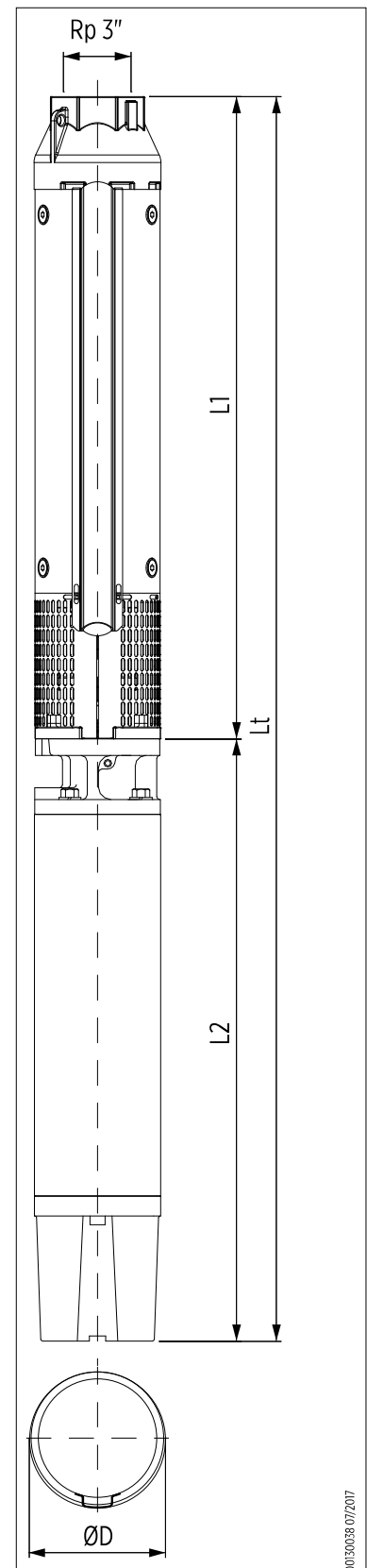
TECHNICAL DATA - PUMPS WITH ENCAPSULATED MOTOR

Pump model	Motor			Dimensions					Pump weight [Kg]
	Type	[kW]	[HP]	L1 [mm]	L2 [mm]	Lt [mm]	D [mm]		
							1 cable	2 cable	
VS 30/3	E4	3.7	5	622	520	1142	142.5	-	34
VS 30/4	E4	5.5	7.5	707.5	652.5	1360	142.5	-	43.5
VS 30/5	E4	7.5	10	793	730.5	1523.5	142.5	-	50
VS 30/6	E4	7.5	10	878.5	730.5	1609	142.5	-	52
VS 30/3	E6	4	5.5	620	581	1201	143	144.5	52
VS 30/4	E6	5.5	7.5	705.5	614.5	1320	143	144.5	58
VS 30/5	E6	7.5	10	790.5	646	1436.5	143	144.5	64
VS 30/6	E6	7.5	10	876	646	1522	143	144.5	66
VS 30/7	E6	9.3	12.5	961.5	678.5	1640	143	144.5	70.5
VS 30/8	E6	11	15	1047	711	1758	143	144.5	76.5
VS 30/9	E6	11	15	1132.5	711	1843.5	143	144.5	78.5
VS 30/10	E6	15	20	1218	776	1994	143	144.5	86
VS 30/11	E6	15	20	1303.5	776	2079.5	143	144.5	88
VS 30/12	E6	15	20	1389	776	2165	143	144.5	90
VS 30/13	E6	18.5	25	1474.5	841.5	2316	143	144.5	99
VS 30/14	E6	18.5	25	1560	841.5	2401.5	143	144.5	101.5
VS 30/15	E6	22	30	1645.5	906.5	2552	143	144.5	109.5
VS 30/16	E6	22	30	1730.5	906.5	2637	143	144.5	111.5
VS 30/17	E6	22	30	1816	906.5	2722.5	143	144.5	113.5
VS 30/18	E6	22	30	1901.5	906.5	2808	143	144.5	115.5
VS 30/19	E6	30	40	1987	1036.5	3023.5	143	144.5	132
VS 30/20	E6	30	40	2072.5	1036.5	3109	143	144.5	134.5

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 30/3	●	RW6	4	5.5	620	699	1319	147	147.5	62.5
VS 30/4	●	RW6	5.5	7.5	705.5	699	1404.5	147	147.5	65
VS 30/5	●	RW6	7.5	10	790.5	719	1509.5	147	147.5	69
VS 30/6	●	RW6	7.5	10	876	719	1595	147	147.5	71
VS 30/7	●	RW6	9.3	12.5	961.5	749	1710.5	147	147.5	76
VS 30/8	●	RW6	11	15	1047	779	1826	147	147.5	81.5
VS 30/9	●	RW6	11	15	1132.5	779	1911.5	147	147.5	83.5
VS 30/10	●	RW6	13	17.5	1218	829	2047	147	147.5	90.5
VS 30/11	●	RW6	15	20	1303.5	874	2177.5	147	147.5	97.5
VS 30/12	●	RW6	15	20	1389	874	2263	147	147.5	99.5
VS 30/13	●	RW6	18.5	25	1474.5	919	2393.5	147	147.5	105.5
VS 30/14	●	RW6	18.5	25	1560	919	2479	147	147.5	108
VS 30/15	●	RW6	22	30	1645.5	1009	2654.5	147	147.5	119
VS 30/16	●	RW6	22	30	1730.5	1009	2739.5	147	147.5	121
VS 30/17	●	RW6	22	30	1816	1009	2825	147	147.5	123
VS 30/18	●	RW6	22	30	1901.5	1009	2910.5	147	147.5	125
VS 30/19	●	RW6	26	35	1987	1114	3101	147	147.5	138
VS 30/20	●	RW6	26	35	2072.5	1114	3186.5	147	147.5	140.5

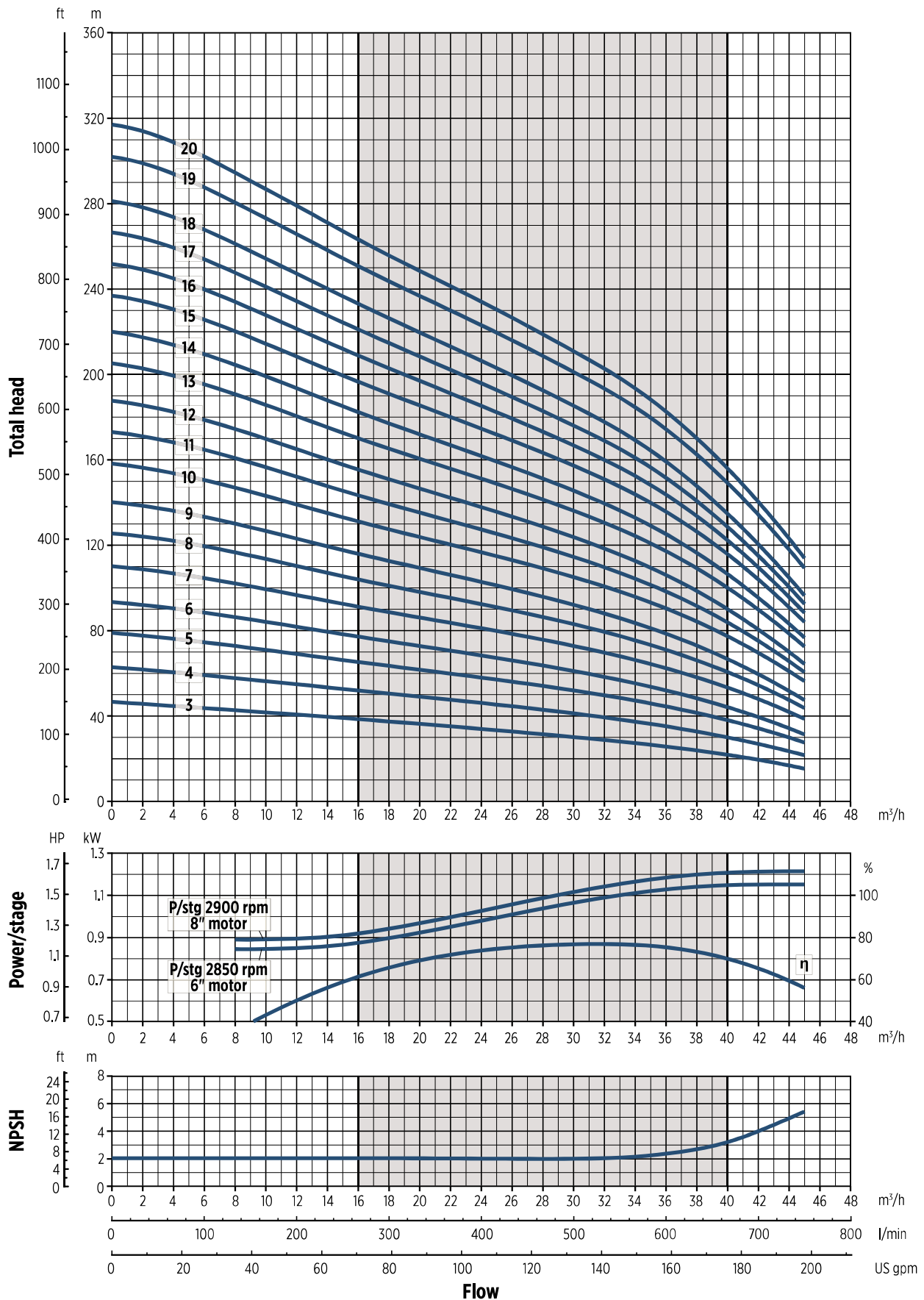
● = Pump available in R (AISI 904L) version



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PERFORMANCE CURVES AT 50 Hz

MEI ≥ 0,40



002061EN 08/2017

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

VS 30 50 Hz

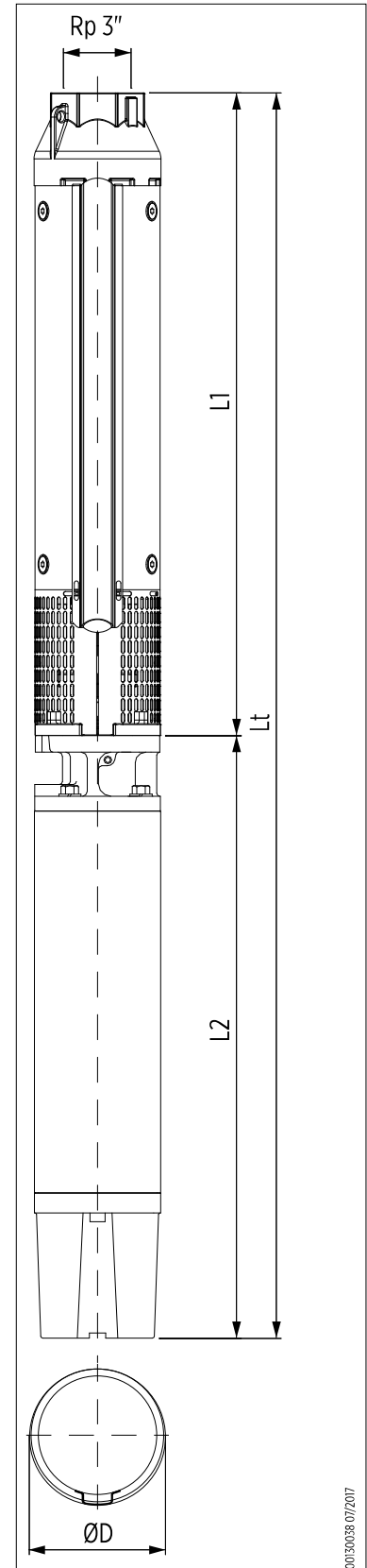
TECHNICAL DATA - PUMPS WITH ENCAPSULATED MOTOR

Pump model	Motor			Dimensions					Pump weight [Kg]
	Type	[kW]	[HP]	L1 [mm]	L2 [mm]	Lt [mm]	D [mm]		
							1 cable	2 cable	
VS 30/21	E6	30	40	2157.5	1036.5	3194	143	144.5	136.5
VS 30/22	E6	30	40	2243	1036.5	3279.5	143	144.5	138.5
VS 30/23	E6	30	40	2328.5	1036.5	3365	143	144.5	140.5
VS 30/24	E6	30	40	2414	1036.5	3450.5	143	144.5	142.5
VS 30/25	E6	37	50	2499	1421.5	3920.5	143	144.5	199
VS 30/26	E6	37	50	2584.5	1421.5	4006	143	144.5	201
VS 30/27	E6	37	50	2670	1421.5	4091.5	143	144.5	203
VS 30/28	E6	37	50	2755	1421.5	4176.5	143	144.5	205
VS 30/29	E6	37	50	2840.5	1421.5	4262	143	144.5	207
VS 30/30	E6	37	50	2926	1421.5	4347.5	143	144.5	209.5
VS 30/31	E6	45	60	3011	1574	4585	143	144.5	224.5
VS 30/32	E6	45	60	3096.5	1574	4670.5	143	144.5	227.5
VS 30/33	E6	45	60	3182	1574	4756	143	144.5	229.5
VS 30/34	E6	45	60	3267.5	1574	4841.5	143	144.5	231.5
VS 30/35	E6	45	60	3352.5	1574	4926.5	143	144.5	234

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 30/21	●	RW6	26	35	2157.5	1114	3271.5	147	147.5	142.5
VS 30/22	●	RW6	30	40	2243	1214	3457	147	147.5	154.5
VS 30/23	●	RW6	30	40	2328.5	1214	3542.5	147	147.5	156.5
VS 30/24	●	RW6	30	40	2414	1214	3628	147	147.5	158.5
VS 30/25	●	RW6	37	50	2499	1294	3793	147	147.5	168
VS 30/26	●	RW6	37	50	2584.5	1294	3878.5	147	147.5	170
VS 30/27	●	RW6	37	50	2670	1294	3964	147	147.5	172
VS 30/28	●	RW6	37	50	2755	1294	4049	147	147.5	174
VS 30/29	●	RW6	37	50	2840.5	1294	4134.5	147	147.5	176
VS 30/30	●	RW6	37	50	2926	1294	4220	147	147.5	178.5
VS 30/31		RW8	45	60	3111	1230	4341	189	189	234.5
VS 30/32		RW8	45	60	3196.5	1230	4426.5	189	189	237.5
VS 30/33		RW8	45	60	3282	1230	4512	189	189	239.5
VS 30/34		RW8	45	60	3367.5	1230	4597.5	189	189	241.5
VS 30/35		RW8	45	60	3452.5	1230	4682.5	189	189	244

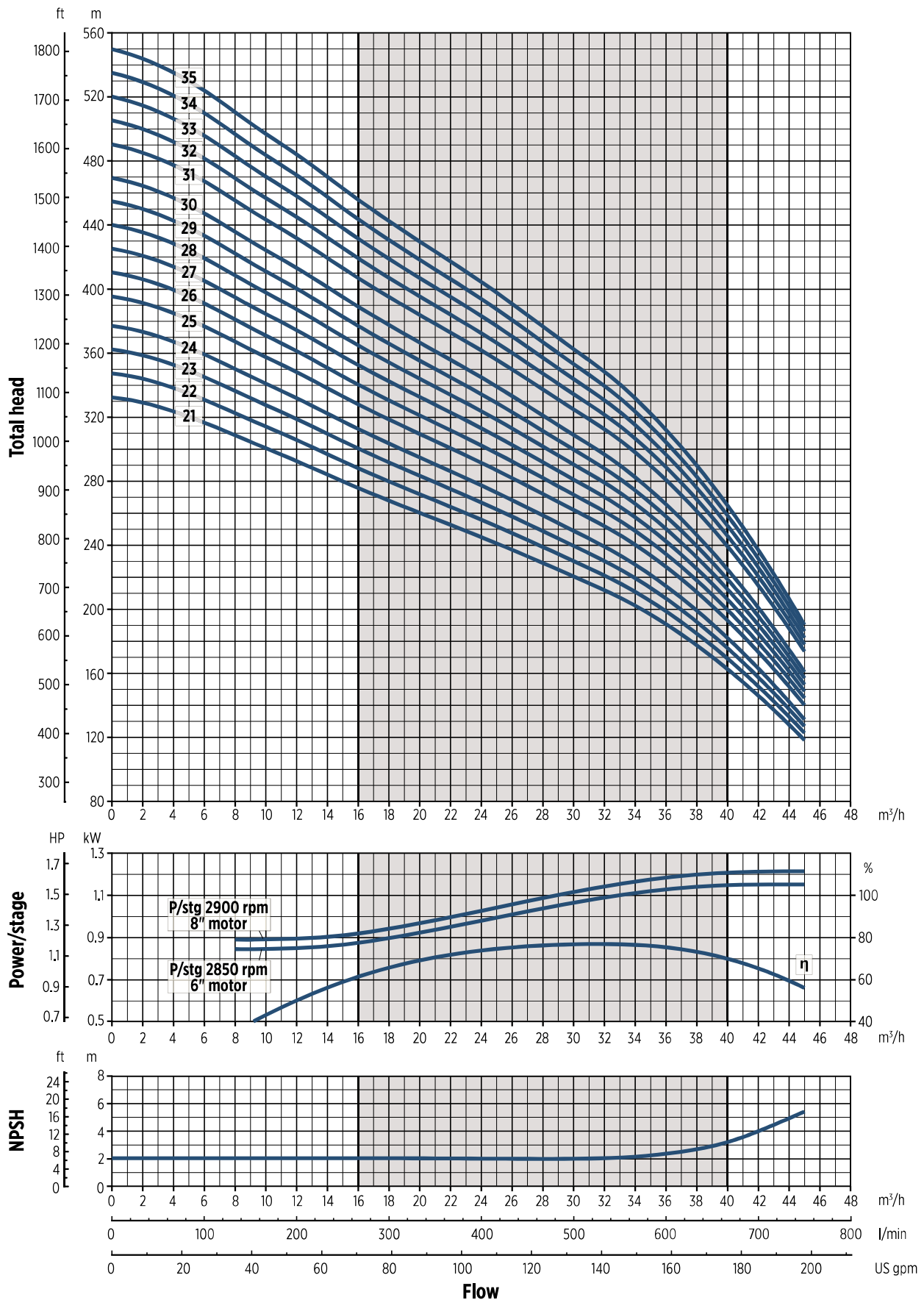
● = Pump available in R (AISI 904L) version



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PERFORMANCE CURVES AT 50 Hz

MEI ≥ 0,40



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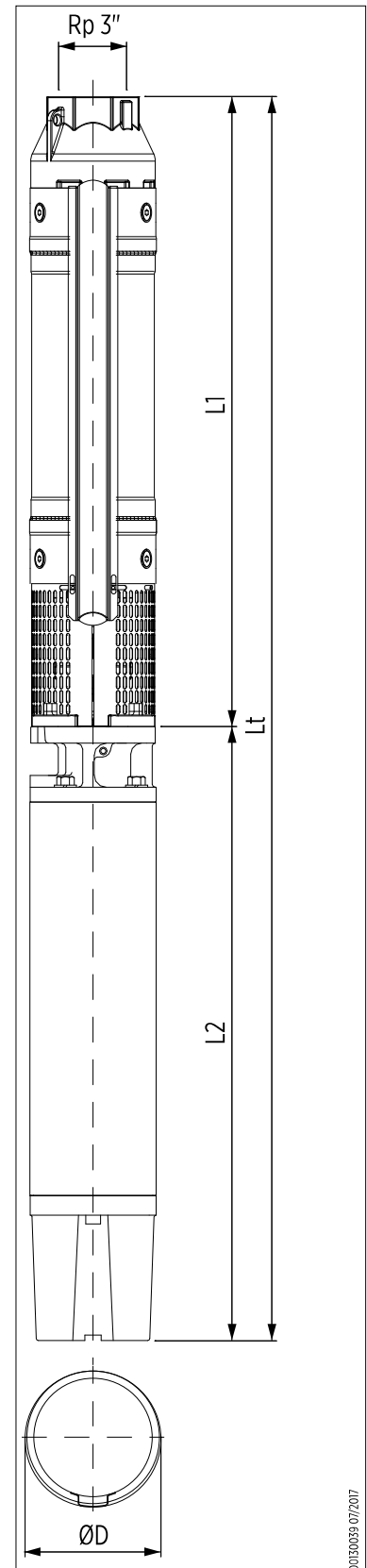
VS 30 High Pressure 50 Hz

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 30/36	E6	45	60	3438	1574	5012	145	146.5	237
VS 30/37	E6	45	60	3523.5	1574	5097.5	145	146.5	239
VS 30/38	E8	55	75	3709	1204	4913	190.5	190.5	270.5
VS 30/39	E8	55	75	3794	1204	4998	190.5	190.5	272.5
VS 30/40	E8	55	75	3879.5	1204	5083.5	190.5	190.5	275
VS 30/41	E8	55	75	3965	1204	5169	190.5	190.5	276
VS 30/42	E8	55	75	4050.5	1204	5254.5	190.5	190.5	277
VS 30/43	E8	55	75	4135.5	1204	5339.5	190.5	190.5	278

TECHNICAL DATA - PUMPS WITH REWINDABLE MOTOR

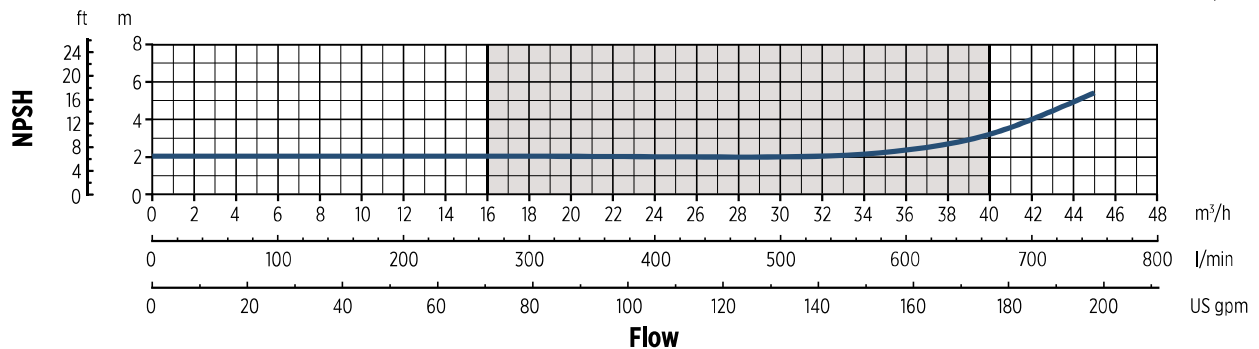
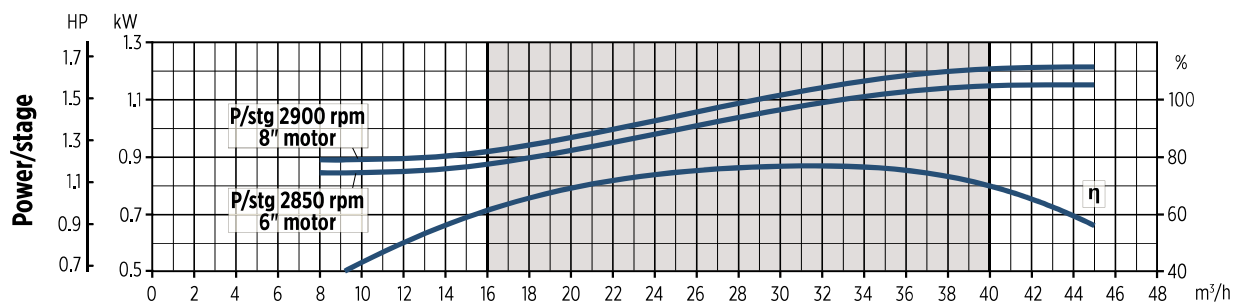
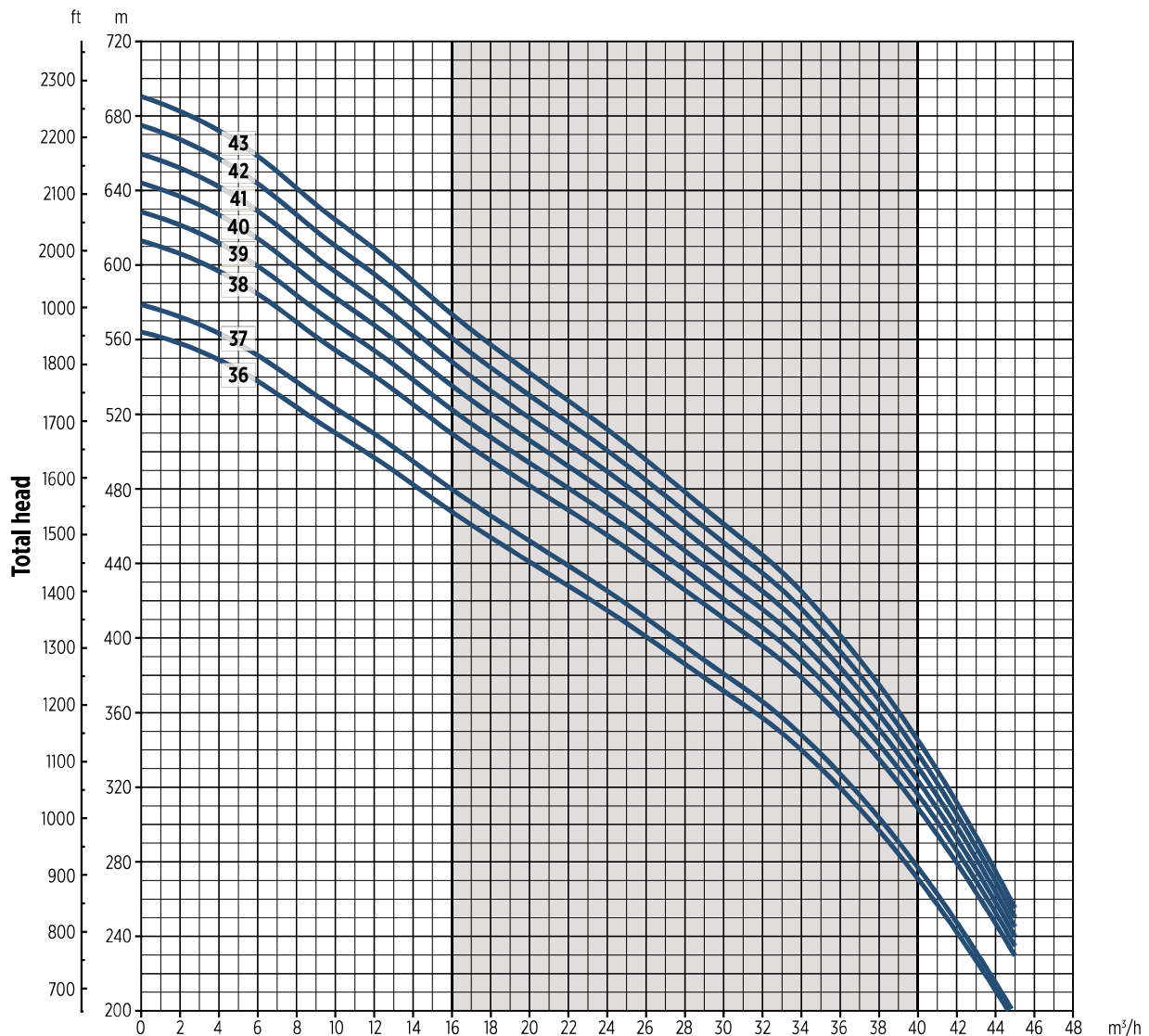
Pump model	Motor			Dimensions					Pump weight [Kg]
	Type	[kW]	[HP]	L1 [mm]	L2 [mm]	Lt [mm]	D [mm]		
							1 cable	2 cable	
VS 30/36	RW8	45	60	3538	1230	4768	189	189	247
VS 30/37	RW8	45	60	3623.5	1230	4853.5	189	189	249
VS 30/38	RW8	55	75	3709	1340	5049	189	189	274.5
VS 30/39	RW8	55	75	3794	1340	5134	189	189	276.5
VS 30/40	RW8	55	75	3879.5	1340	5219.5	189	189	279
VS 30/41	RW8	55	75	3965	1340	5305	189	189	280
VS 30/42	RW8	55	75	4050.5	1340	5390.5	189	189	281
VS 30/43	RW8	55	75	4135.5	1340	5475.5	189	189	282



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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