



VS 4" SERIES 50 HZ

SUBMERSIBLE PUMPS FOR 4" DEEP WELLS OR LARGER

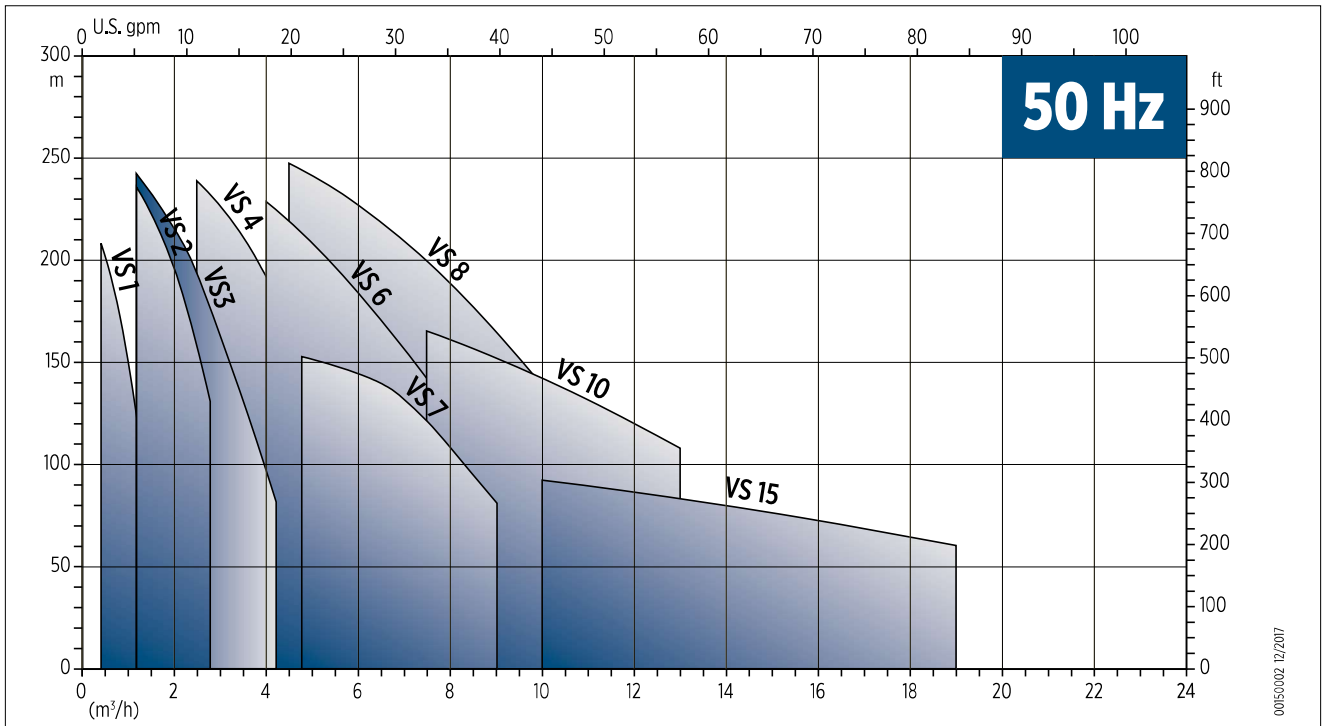


INDEX

Submersible pumps for 4" deep wells or larger.....	2
Family curves	3
Pump identification code.....	3
Pump rating plate	3
Tables of hydraulic performance at 50 Hz.....	4
VS 1-2-3.....	4
VS 4-6-7.....	4
VS 8-10-15.....	5
Spare parts and material	6
VS 1-2-3-4-6-7-8	6
VS 10-15.....	7
Technical data and Performance curves at 50 Hz.....	9
VS 1	10
VS 2	12
VS 3.....	14
VS 4	16
VS 6	18
VS 7.....	20
VS 8	22
VS 10.....	24
VS 15	26

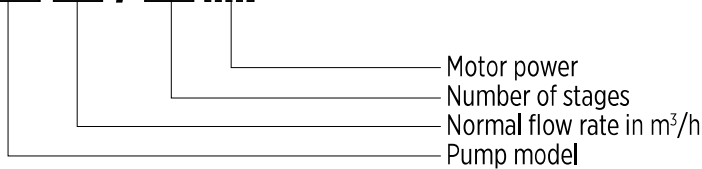
NOTE: Franklin Electric S.r.l. reserves the right to amend specification without prior notice
 For the most up-to-date product information, visit franklinwater.eu.

FAMILY CURVES



PUMP IDENTIFICATION CODE

VS 10 / 14



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PUMP RATING PLATE

Franklin Electric

Imported by
Franklin Electric S.r.l
Via Asolo, 7
36031 Dueville (VI) - ITALY
P-IVA IT00558130241

Type ① Serial No ② Year ③

min ⁻¹	Q(m ³ /h)	H(m)	Hmax(m)	kW	S.F.	MEI≥	Hyd.Eff
④	⑤	⑥	⑦	⑧	⑨	⑩	⑪

Part No : ⑫

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- 1) Model
- 2) Serial number
- 3) Year of production
- 4) Nominal Rpm
- 5) Delivery range
- 6) Head range
- 7) Maximum head
- 8) Motor power
- 9) Service factor
- 10) MEI index
- 11) Hydraulic efficiency
- 12) Code

TABLES OF HYDRAULIC PERFORMANCE AT 50 HZ

VS 1-2-3

Pump model	RATED POWER		Q = DELIVERY													
			m ³ /h 0	0.4	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.8	3	3.3	3.6	4.2
	[kW]	[HP]	l/min 0	6.7	10	15	20	25	30	35	40	47	50	55	60	70
			H = TOTAL M.HEAD OF WATER COLUMN [m]													
VS 1/10	0.37	0.5	68	56	53	45	35	18								
VS 1/13	0.37	0.5	83	68	64	54	39	20								
VS 1/19	0.55	0.75	118	100	94	80	57	30								
VS 1/26	0.75	1	156	136	126	105	75	41								
VS 1/38	1.1	1.5	241	209	193	162	117	63								
VS 2/5	0.37	0.5	34				30	29	27	25	22	17	14	10		
VS 2/7	0.37	0.5	47				43	40	37	35	30	24	20	14		
VS 2/10	0.55	0.75	67				60	57	54	49	43	34	28	20		
VS 2/14	0.75	1	94				85	80	75	68	60	46	39	27		
VS 2/20	1.1	1.5	133				120	114	107	97	86	66	56	40		
VS 2/27	1.5	2	189				164	154	145	132	115	90	75	53		
VS 2/39	2.2	3	259				235	222	209	190	167	130	110	75		
VS 3/4	0.37	0.5	28					25	24	23	22	20	19	17	15	10
VS 3/7	0.55	0.75	48					42	40	39	36	33	30	28	24	16
VS 3/10	0.75	1	70					62	59	56	52	48	44	39	34	23
VS 3/15	1.1	2	104					92	88	83	78	72	65	58	51	34
VS 3/20	1.5	2	140					124	119	112	105	97	87	77	66	43
VS 3/30	2.2	3	205					183	175	164	154	142	128	113	98	65
VS 3/37	3	4	257					232	222	210	194	179	161	143	123	82

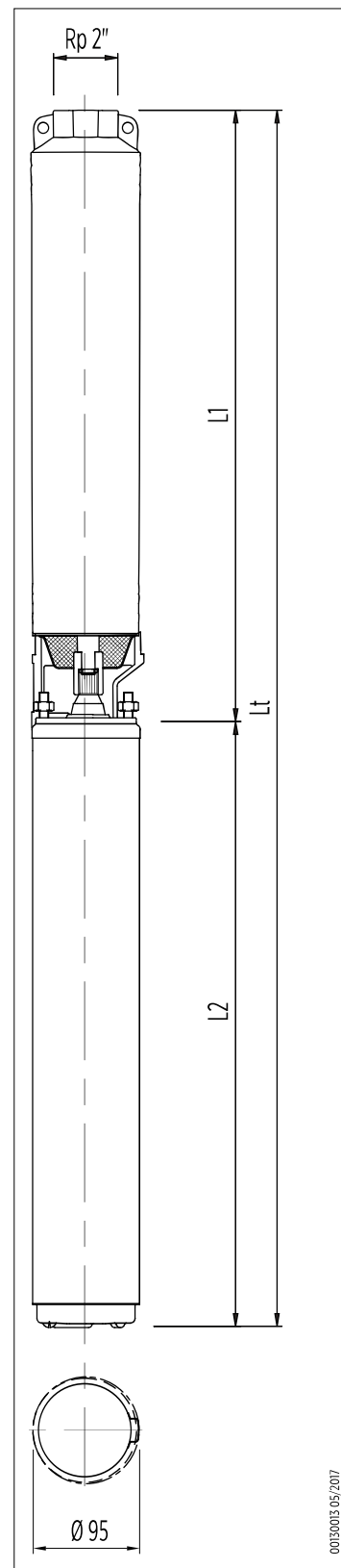
VS 4-6

Pump model	RATED POWER		Q = DELIVERY													
			m ³ /h 0	2.5	2.7	3	3.3	3.6	4.2	4.8	5.5	6	7	7.2	8	9
	[kW]	[HP]	l/min 0	42	45	50	55	60	70	80	92	100	117	120	133	150
			H = TOTAL M.HEAD OF WATER COLUMN [m]													
VS 4/4	0.37	0.5	25	22	21	20	20	19	17	14	11	8				
VS 4/7	0.55	0.75	45	39	27	36	35	34	29	25	19	14				
VS 4/10	0.75	1	64	55	54	52	49	47	42	35	26	19				
VS 4/14	1.1	1.5	89	77	75	72	68	65	59	50	37	26				
VS 4/18	1.5	2	114	98	95	93	88	85	80	64	49	34				
VS 4/27	2.2	3	170	146	145	139	133	127	114	95	73	50				
VS 4/32	3	4	222	174	170	165	157	150	135	113	86	60				
VS 4/40	3.7	5	252	216	223	212	196	189	166	141	107	75				
VS 4/44	4	5.5	278	240	235	226	217	207	185	155	116	83				
VS 6/6	0.75	1	36						32	30	28	26	23	22	18	14
VS 6/9	1.1	1.5	53						47	44	41	39	33	32	25	17
VS 6/13	1.5	2	77						70	66	63	60	52	50	43	32
VS 6/19	2.2	3	110						100	95	90	85	74	72	60	41
VS 6/26	3	4	150						134	126	120	110	94	90	73	49
VS 6/31	3.7	5	185						165	155	146	136	115	110	90	59
VS 6/34	4	5.5	200						178	165	155	145	123	118	95	64
VS 6/45	5.5	7.5	269						239	223	208	191	160	155	128	94

VS 7 - TECHNICAL DATA

PUMPS WITH ENCAPSULATED MOTOR

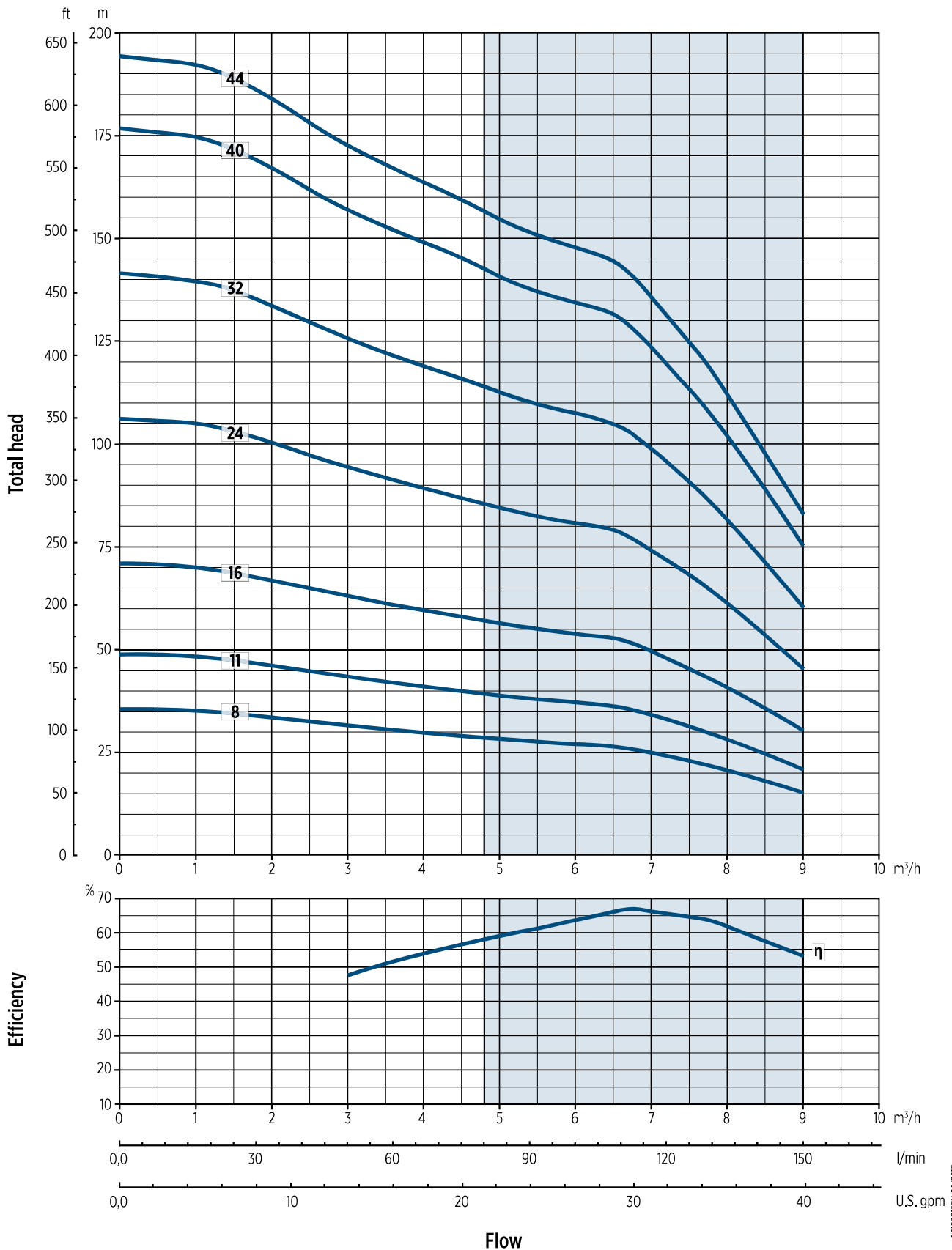
Pump model	Motor			Dimensions [mm]					Weight [Kg]					
	Type	[kW]	[HP]	L1	L2		Lt		Pump	Motor		Total		
					1-	3-	1-	3-		1-	3-	1-	3-	
VS 7/8	E4	0.75	1	440	298	272	738	712	3.5	9.3	7.25	12.8	10.75	
VS 7/11	E4	1.1	1.5	542	322	298	864	840	4.5	10.45	8.55	14.95	13.05	
VS 7/16	E4	1.5	2	713	354	322	1067	1035	68	11.9	9.55	79.9	77.55	
VS 7/24	E4	2.2	3	1014	452	354	1466	1368	8	16.65	11.05	24.65	19.05	
VS 7/32	E4	3	4	1318	-	409	-	1727	10	-	13.55	-	23.55	
VS 7/40	E4	3.7	5	1618	-	520	-	2138	12	-	26.6	-	38.6	
VS 7/44	E4	4	5.5	1755	-	543	-	2298	13.5	-	30.6	-	44.1	



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VS 7 - PERFORMANCE CURVES AT 50 Hz

MEI ≥ 0,40



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