

# SS SUBMERSIBLE PUMPS

50Hz Catalogue

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PUMPS | PIPES | CABLES | SOLAR PUMPS

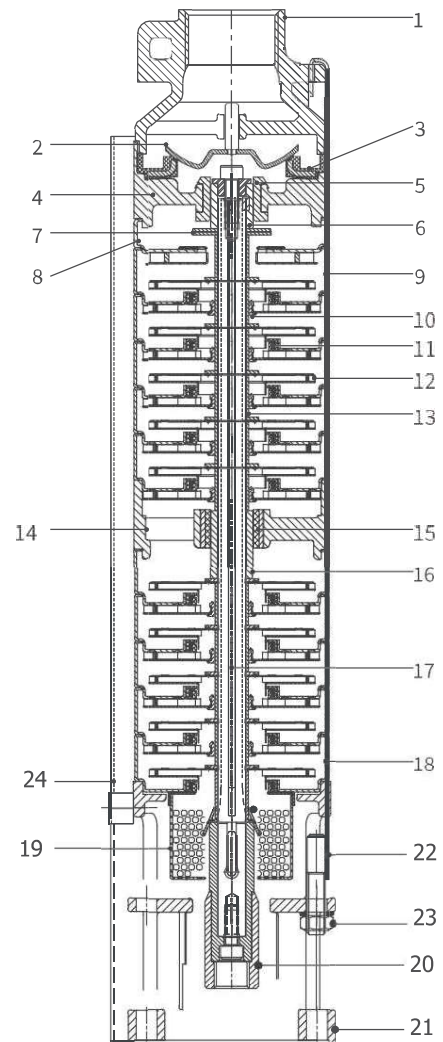


4"

## C4PSF03 SERIES PUMP DESIGN

### Material specification

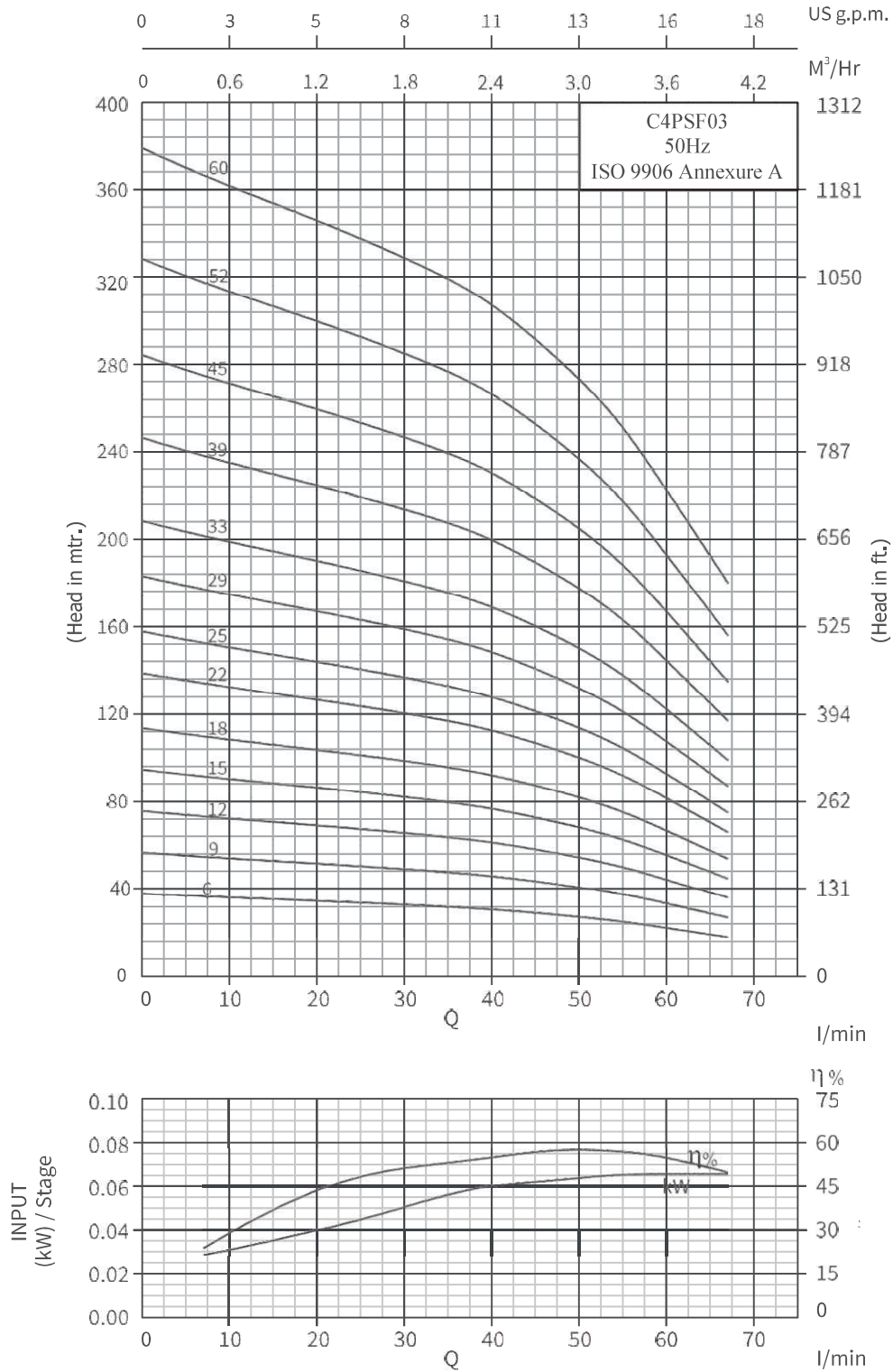
No.	PART NAME	MATERIAL
1	N.R.V. 1.25"	SS AISI 304
2	VALVE	SS AISI 304
3	VALVE SEAT	N.B.R.
4	TOP BEARING HOUSING	SS AISI 304
5	TOP BEARING HOUSING BUSH	N.B.R.
6	TOP BEARING HOUSING SLEEVE	SS AISI 304
7	THRUST WASHER	SS AISI 304
8	TOP DIFFUSER	SS AISI 304
9	DIFFUSER	SS AISI 304
10	BEARING BUSH	N.B.R.
11	NECKRING	N.B.R. + P.P.S.
12	IMPELLER	SS AISI 304
13	STAGE SLEEVE	SS AISI 304
14	MIDDLE BEARING HOUSING	SS AISI 304
15	MIDDLE BEARING HOUSING BUSH	N.B.R. + S.S.304
16	MIDDLE BEARING HOUSING SLEEVE	SS AISI 304
17	PUMP SHAFT	SS AISI 431
18	FIRST STAGE DIFFUSER	SS AISI 304
19	STRAINER	SS AISI 304
20	NEMA COUPLING	SS AISI 304
21	SUCTION INTERCONNECTOR	SS AISI 304
22	CLAMPING STRIP	SS AISI 304
23	HEX NUT	A2-70 (316)
24	CABLE GUARD	SS AISI 304



# Performance Curves

## C4PSF03, 50Hz

ISO 9906 Annexure A

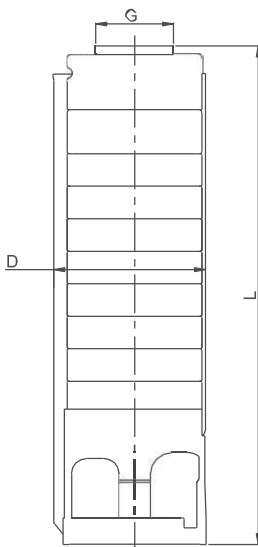


# C4PSF03, 50Hz

ISO 9906 Annexure A

kW	HP	Stage	Motor Joinings	Outlet Size	Discharge						
					m <sup>3</sup> /h	0	1.8	2.4	3	3.6	4
					Ipm	0	30	40	50	60	67
0.37	0.5	6	V-4	1½"	Head in Mtrs.	36	32	30	26	20	16
0.55	0.75	9	V-4	1½"		54	49	45	39	31	23
0.75	1	12	V-4	1½"		72	65	60	52	41	31
1.1	1.5	15	V-4	1½"		90	81	75	65	51	39
1.1	1.5	18	V-4	1½"		108	97	90	78	61	47
1.5	2	22	V-4	1½"		132	119	110	96	75	57
1.5	2	25	V-4	1½"		150	135	125	109	85	65
2.2	3	29	V-4	1½"		174	157	145	126	99	75
2.2	3	33	V-4	1½"		198	178	165	144	112	86
3	4	39	V-4	1½"		234	211	195	170	133	101
3	4	45	V-4	1½"		270	243	225	196	153	117
3.7	5	52	V-4	1½"		312	281	260	226	177	135
3.7	5	60	V-4	1½"		360	324	300	260	204	155

## Dimensions & Weights



Model Name	Specification			
	D (mm)	L (mm)	Pump Weight Kg.	Weight (incl. pkg.) Kg.
C4PSF03 / 06	98	280	3.4	4.0
C4PSF03 / 09	98	343	4.4	5.3
C4PSF03 / 12	98	406	5.4	6.6
C4PSF03 / 15	98	469	6.4	7.9
C4PSF03 / 18	98	532	7.4	9.2
C4PSF03 / 22	98	647	8.7	10.9
C4PSF03 / 25	98	710	9.7	12.2
C4PSF03 / 29	98	794	10.9	13.8
C4PSF03 / 33	98	878	12.2	15.5
C4PSF03 / 39	98	1076	12.7	16.6
C4PSF03 / 45	98	1233	14.0	18.5
C4PSF03 / 52	98	1380	15.5	20.7
C4PSF03 / 60	98	1548	17.3	23.3

G: Available Outlet Size 1.25" BSP

D: With Cable Guard