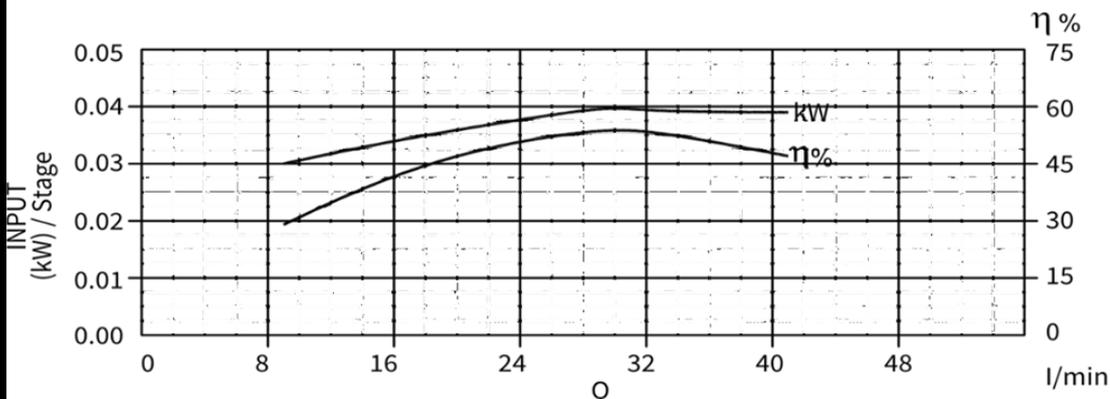
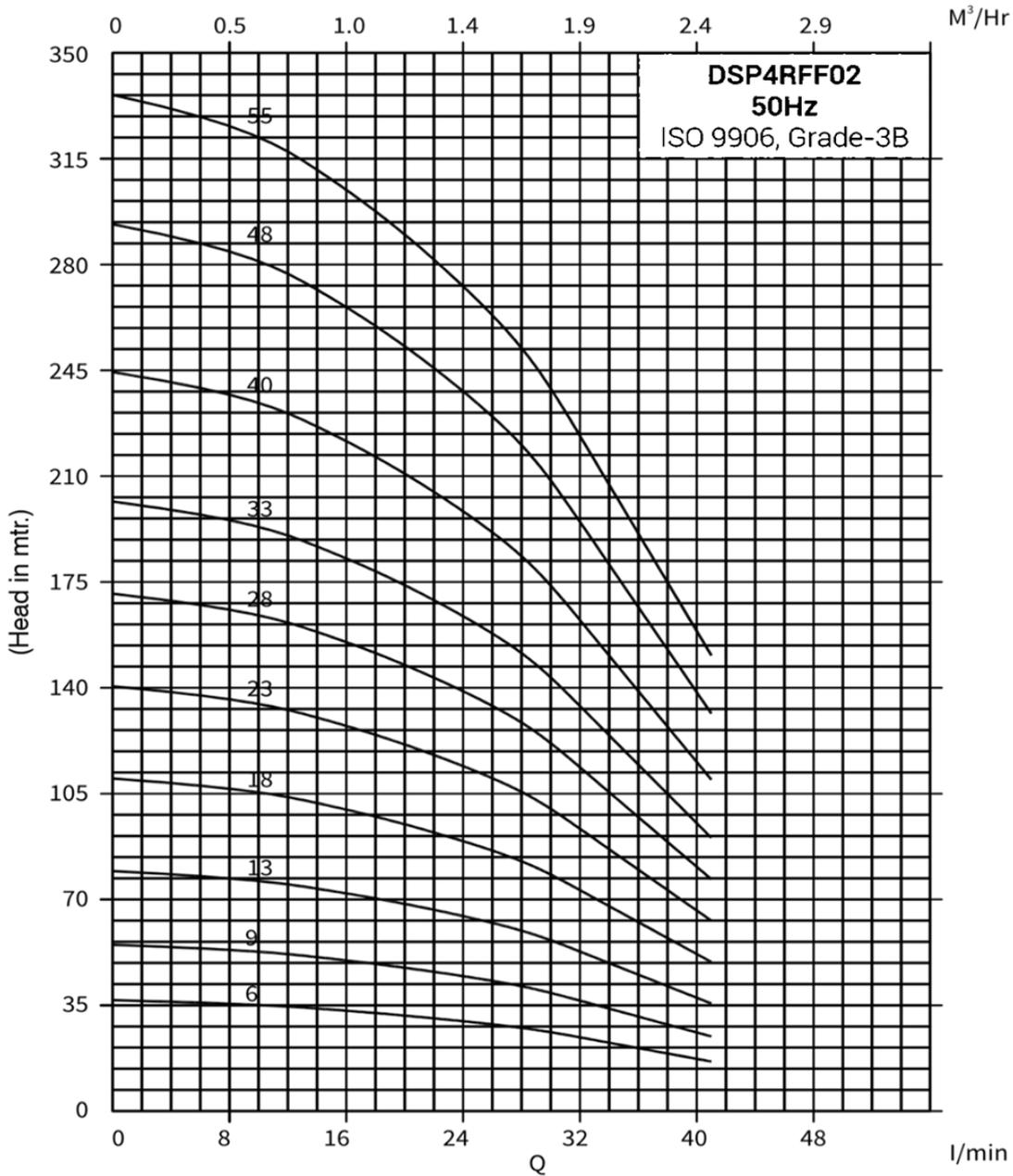


PUMP PERFORMANCE DATASHEET



PUMP

Empower DSP4RFF are fully Stainless Steel, Borehole Deep Well pumps suitable for clear water, high head applications. These Pumps are of Multistage Centrifugal types accommodating Radial flow impellers according to the required Head & Flow. All parts are made from AISI 304 Stainless Steel with the shaft made of SS 431 and having an anti-friction rubber bearing bush to provide wear resistance against sand.

MOTOR

The pump is coupled to a sealed liquid cooled, 2 pole asynchronous squirrel cage motor constructed of Stainless Steel. The Motors are of; High performance, specially designed, with well lubricated thrust bearings to provided high axial thrust loads exerted by whole bore well water column and pumping systems. The mounting dimensions are as per NEMA Standards.

OPERATING CONDITIONS

Pumped liquids: Clean, thin, chemically non-aggressive liquids without solid particles or fibres.

Max Liquid Temp: +40°C

Minimum Borehole Diameter: 110mm

Max Immersion Depth: 200m

Enclosure Class: IP68 **Insulation Class:** F **Speed:** 2900rpm **Voltage:** 1PH-240V, 3PH-415V

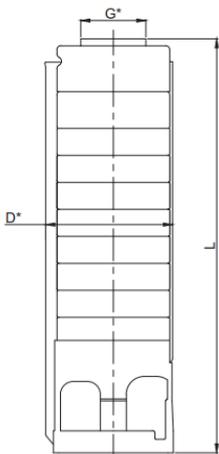
Pipe Connector: BSP connector

Shaft Coupling: Splines

PUMP DATA

DSP4RFF02			Voltage Rating (V)	Motor Joinings	Outlet Size	Discharge						
kW	HP	Stage				m ³ /h	0	1	1.4	2	2.4	2.7
						lpm	0	17	23	33	40	45
0.37	0.5	6	240	V-4	1¼" BSP	Head in Mtrs.	35	31	29	23	14	8
0.37	0.5	9	240	V-4	1¼" BSP		52	46	43	35	22	12
0.55	0.75	13	240	V-4	1¼" BSP		75	67	62	51	31	17
0.75	1	18	240 / 415	V-4	1¼" BSP		104	93	86	70	43	23
1.1	1.5	23	240 / 415	V-4	1¼" BSP		133	118	109	90	55	30
1.5	2.0	28	240 / 415	V-4	1¼" BSP		162	144	133	109	67	36
1.5	2	33	240 / 415	V-4	1¼" BSP		191	170	157	129	79	43
2.2	3	40	240 / 415	V-4	1¼" BSP		232	206	190	156	96	52
2.2	3	48	240 / 415	V-4	1¼" BSP		278	247	228	187	115	62
3	4	65	415	V-4	1¼" BSP		405	342	301	228	138	83

Dimensions & Weights



Model Name	SPECIFICATION			
	D (mm)	L (mm)	Pump Weight Kg.	Weight (inc. pKg.) Kg.
DSP4RFF02-06	98	280	3	4
DSP4RFF02-09	98	343	4	5
DSP4RFF02-13	98	427	5	7
DSP4RFF02-18	98	532	7	9
DSP4RFF02-23	98	668	9	11
DSP4RFF02-28	98	773	11	13
DSP4RFF02-33	98	878	12	16
DSP4RFF02-40	98	1097	13	17
DSP4RFF02-48	98	1296	15	19
DSP4RFF02-65	98	1852	20	23

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