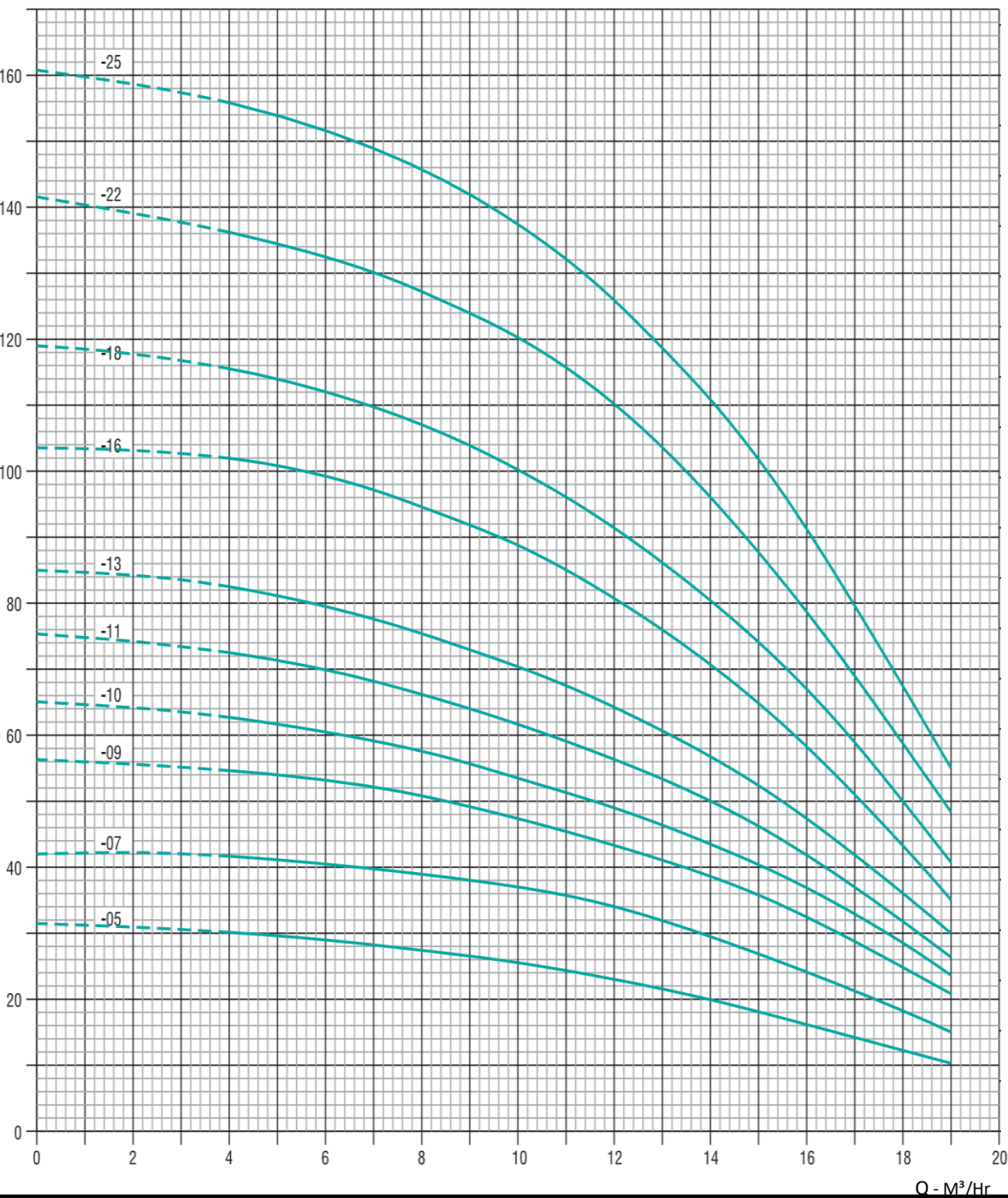
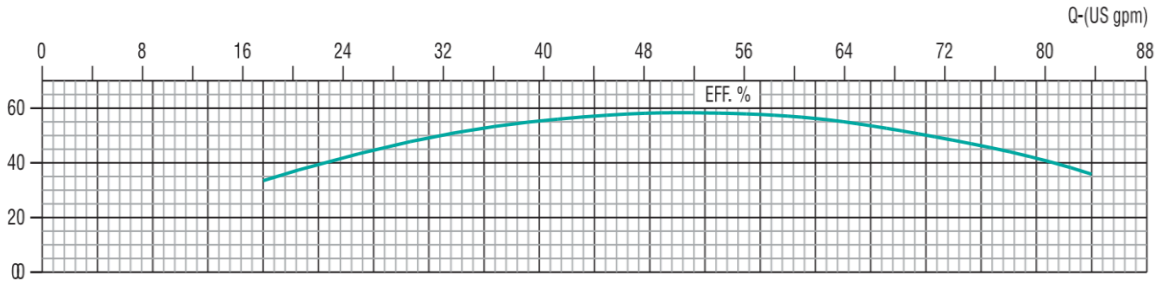




DSP4RFF14

Multistage Centrifugal  
Borehole Pumps

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

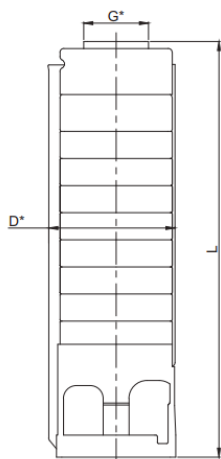
**Pipe Connector:** BSP connector

**Shaft Coupling:** Splines

## PUMP DATA

DSP4RFF14			Voltage Rating (V)	Motor Joinings	Outlet Size	m <sup>3</sup> /h lpm	Discharge				
kW	HP	Stage					0	6	12	14	15
							0	100	200	233	250
1.5	2.0	5	240 / 415	V-4	2" BSP	Head in Mtrs.	32	29	25	20	18
2.2	3.0	7	240 / 415	V-4	2" BSP		42	40	34	30	27
3.0	4.0	10	415	V-4	2" BSP		65	61	49	44	40
4.0	5.5	11	415	V-4	2" BSP		75	70	56	50	42
4.0	5.5	13	415	V-4	2" BSP		85	79	64	58	52
5.5	7.5	16	415	V-4	2" BSP		104	99	81	71	61
5.5	7.5	18	415	V-4	2" BSP		118	112	92	80	74
7.5	10.0	22	415	V-4	2" BSP		141	132	111	96	89
7.5	10.0	25	415	V-4	2" BSP		161	152	125	110	101

## Dimensions & Weights



Model Name	SPECIFICATION			
	D (mm)	L (mm)	Pump Weight Kg.	Weight (inc. pKg.) Kg.
DSP4RFF14-05	98	410	7.2	10.2
DSP4RFF14-07	98	494	7.7	10.7
DSP4RFF14-09	98	567	8.1	11.1
DSP4RFF14-10	98	620	8.4	11.4
DSP4RFF14-11	98	683	8.6	11.6
DSP4RFF14-13	98	704	8.9	11.9
DSP4RFF14-16	98	880	9.4	12.4
DSP4RFF14-18	98	956	10.5	13.5
DSP4RFF14-22	98	1276	11.6	14.6
DSP4RFF14-25	98	1450	12.3	15.3

Website [www.benaxsolar.co.ke](http://www.benaxsolar.co.ke)



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