

## STAINLESS STEEL PROCESS PUMP

### ▶ Application

#### Industries

- Chemical process demonized water, water and wastewater treatment, hot solvents, caustics, etc.
- Equipment / Machinery.
- Washers, Filters, Chillers, Cooling Towers, Scrubbers, Planting equipment, etc.

#### Food and Agriculture

- Acid fertilizers and other Agricultural chemicals, hot water circulation, etc.

### ▶ Features

- Maximum Capacity : 750 LPM
- Maximum Head : 20 Mtr.
- Operating Pressure : 2 bar
- Impeller type : Close type
- Maximum Temp : Upto 90° C
- Highly operational reliability.

### DCS MODEL



### ▶ Technical Specification

#### MOTOR

- Series DCS motor pumps are one-stage Centrifugal pumps with an axial suction port and radial discharge port. The pump is directly coupled with a TEFC motor to save space in critical area.
- The back pull-out design enables easy mounting and dismantling of motor and casing without disturbing alignment of the pump housing or pipework. These pumps are well-known for Power saving and their minimal maintenance because of minimum spare parts with standard parts.

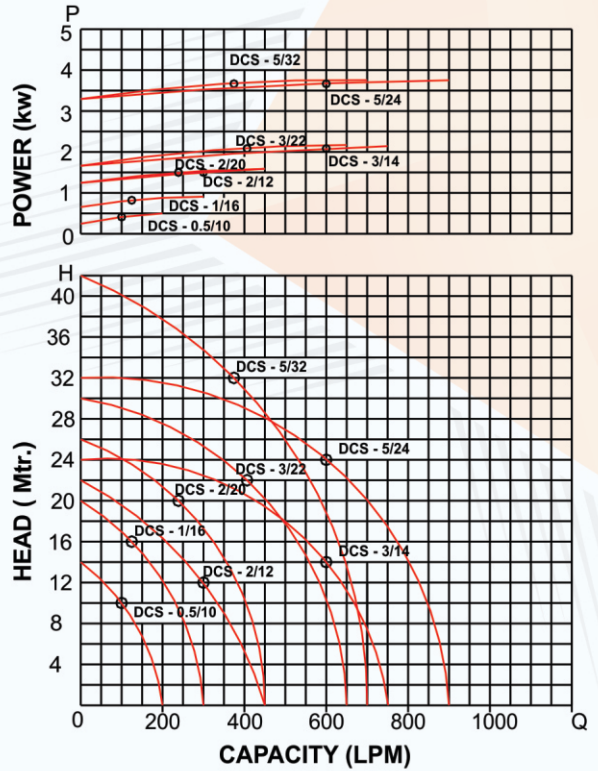
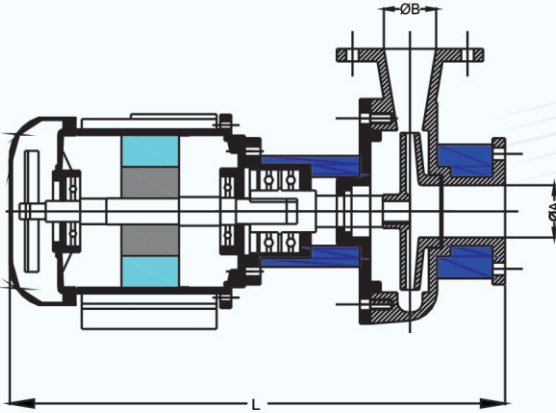
#### SHAFT SEAL

- Mechanical Seal : Carbon / SI / P. T. F. E.- NSO EA560N TYPE, P.T.F.E.
- O Ring : Carbon/Silicon Carbide as standard
- Other seal combinations are available on request

#### MATERIAL OF CONSTRUCTION

- Pumps casting : SS 304 / SS 304L / SS 316 / SS 316 L
- Impeller : SS 304 / SS 304L / SS 316 / SS 316 L
- Rotor shaft : SS 304 / SS 304L / SS 316 / SS 316 L
- Gasket : P. T. F. E.
- Motor : NFLP / FLP TEFC Motor 2800 RPM

## Performance Curve



## Product Range

PUMP TYPE	MOTOR 3Ø PHASE	DELI. SIZE (MM.)	WEIGHT (APPX.) (W/O CABLE) (KG.)	DISCHARGE IN LPM										Overall Dimension			
				08	10	12	14	16	20	22	24	32	40				
TYPE	H.P	K.W	MM.	KG.	WORKING RANGE										L	ØA	ØB
					HEAD IN METER												
DCS 0.5H 1Ph/3Ph	0.50	0.37	38		130	100	50	0	1	-	-	-	-	-	400	38	38
DCS 2H 1Ph/3Ph	2.00	1.50	38		420	400	380	350	320	240	180	100	-	-	510	38	38
DCS 3H 3Ph	3.00	2.25	50		620	600	580	560	530	450	400	350	-	-	560	50	50

\* Due to continuous product research & development specification may be change without any notice

## Prakash Pumps

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