



COSMOS PUMP PVT. LTD.

CSL-50[50HP/37kW] In Cast Iron + Hi Chrome Construction

TECHNICAL DATA SHEET

Pump : →

SR. NO	DESCRIPTION	UNIT	SPECIFICATION
1	Make		COSMOS PUMP
2	Type		Submersible Slurry Series
3	Model		CSL-50
4	No of Stage		One
5	Max Head	Mtrs.	40
6	Max Discharge	Lpm	325m ³ /hr / 5418LPM
7	Duty point		210m ³ /hr@20 Mtrs (3500 LPM @ 20 Mtrs)
8	Speed	RPM	1450
9	Direction of Rotation		C/W From Top
10	Max Solid Size Handling	MM	32
11	Outlet	MM	150

Motor : →

1	Motor Rating	HP/Kw	50/37
2	Rated Voltage	Volts	415 (+6%. -10%)
3	Rated Current	Amps	68
4	Frequency	Hz	50 (±3%)
5	Motor Speed	RPM	1450
6	Class of Insulation		F/H' Class
7	Type of Protection		IP 68
8	Size of Cable		2R x 4 Core x 10 sqmm
9	Cable Length		15 Mtrs

Material of Constuction : →

1	Volute		2% NICI
2	Motor Body		CI-FG-260
3	Impeller		HI CHROMIUM ALLOY
4	Wear Plate		HI CHROMIUM ALLOY
5	Agitator		HI CHROMIUM ALLOY
6	Shaft		SS 431
7	Mechanical Seals [Double]		TC Vs TC
8	Cable		Double Sheathed PVC Insulated Copper Cable
9	Fasteners		SS 304

Prepared By :-

Approved By :-

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