



COSMOS PUMP PVT. LTD.

CSL-20 [20HP/15kW] 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-20
4	No of Stage		One
5	Max Head	Mtrs.	30
6	Max Discharge	Lpm	180m ³ /hr / 3000LPM
7	Duty point		120m ³ /hr@15 Mtrs (2000 LPM @ 15 Mtrs)
8	Speed	RPM	1450
9	Direction of Rotation		C/W From Top
10	Max Solid Size Handling	MM	25
11	Outlet	MM	150

Motor : →

1	Motor Rating	HP/Kw	20/15
2	Rated Voltage	Volts	415 (+6%. -10%)
3	Rated Current	Amps	32
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		1R x 4 Core x 6 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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