



COSMOS PUMP PVT. LTD.

CSL-100 [100HP/75kW] 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-100
4	No of Stage		One
5	Max Head	Mtrs.	45
6	Max Discharge	Lpm	545m ³ /hr / 9085 LPM
7	Duty point		364m³/hr@25 Mtrs (6080 LPM @ 25 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	100/75
2	Rated Voltage	Volts	415 (+6%. -10%)
3	Rated Current	Amps	140
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 25 sqmm
9	Cable Length		10 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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