

**PUMP SPECIFICATION**

Equipment ID	ARP002
Equipment Description	CRN-15-6 Chemical Cleaning Skid C/W 2 nos of Multistage Pump Skid
Model	GRUNFOS
Type	Vertical Suction Multistage Pump (CRN 15-6-A-P-A-V-HQQV)
Motor	IEC 132SC
Power	5.5 kW
Voltage	3 x 380-415D V
Frequency	50 Hz
Capacity	17 m³/h
Max. Discharge Pressure	25 bar
Speed	2920-2940 rpm
Head	67.3 m
Body Material	SS 304
Seal Material	HQQV
Enclosure Type (IEC 34-5)	55 Dust/Jetting
Connection Inlet / Outlet	2" DN50 Pump Inlet and Outlet
Pump Weight	85 kg

**DISTRIBUTION BOX**

**1 UNIT**

Material	MS Powder Coating
Type	IP65 Enclosure/ Weather Proof
Control Button	Start / Stop / Emergency

**SKID STRUCTURE**

**1 UNIT**

Material	MS
Overall Size	1450mm (L) x 1450mm (W) x 1500mm (H)
Overall Weight	650 kg
Finishing	Yellow Painting and Epoxy Coating
Others	Welded with 4 Lifting Pad Eye, 2 Side Frklidt ACESS

## PUMP SKID DETAILS



No	Item	Description	Qty
1	4" Flanged (I/O Header)	4" SO Flange, SS 304, B16, 150#	4
2	2" Flanged (Pump Connection)	2" WN Flange, SS 304, B16, 150#	4
3	2" Flanged (Elbow & header)	2" SO Flange, SS 304, B16, 150#	6
4	4" Pipe (Header)	4" Pipe, SCH 40, SS 304	2m
5	2" Pipe (Header & Elbow)	2" Pipe, SCH 40, SS 304,	1m
6	Pump	Multistage pump, Grundfos CRN 15-6, 5.5kw, 16bar	2
7	Hollow	70mm x 70mm x 5mm thick, CS	14m
8	Hollow	70mm x 50mm x 5mm thick, CS	4m
9	C-channel (Pump)	250mmx90mmx13mm thick, CS	1m
10	Plate (Floor)	1200mmx1200mmx5mm thick,CS	2m <sup>2</sup>
11	C-channel (Forklift)	150mmx75mmx10mm thick	3m
12	Angle Iron (pipe Support)	50mmx50mmx 5mm thick,CS	2m
13	Valve	2" Ball Valve, Flange end, SS304, 150#	4
14	PRV	10bar PRV, Set to 8 Bar, SS 304, 1" NPT male	1
15	Thermometer gauge	0-100°C reading, 1.5NPT Male	1
16	Pressure gauge	0-25 bar reading, 1.5 NPT Male	1
17	Elbow	2" SCH 40, 90°,SS 304,	2
18	1/2" Coupling	1/2" NPT Female Threaded, SS304, Weld Type	3
19	1" Coupling	1" NPT Female Threaded, SS304, Weld Type	1
20	1/2" Ball Valve	1/2" Ball Valve, NPT Male, SS 304	1
21	2" Coupling	2" NPT Female Threaded, SS304, Weld Type	1
22	2" Ball Valve	2" Ball valve, NPT male connection	1

## PUMP CURVE

