



PRORITES EQUIPMENTS PVT. LTD.

GAT NO. 83, JYOTIBA NAGAR, TALAWADE, PUNE-411062

TECHNICAL DATASHEET - DOSING SYSTEM		NO-PEPL/DS/E-144/21-22
CUSTOMER	INDUSTRIES BOILER LIMITED (VAPI)	DATE : 27.12.2021
COMPONENT	LIME DOSING SYSTEM	MAKE
DESCRIPTION	LIME Dosing system mounted on a common base frame with tank, pumps, interconnecting piping, valves, mating flanges, hardware, gaskets and foundation bolts.	PRORITES
DOSING TANK	200 LTR SS 304 TANK Ø 650 X 700 Ht FLAT BOTTOM, HINGED COVER. DISSOLVING BASKET. THICKNESS - SHELL 3 mm, TOP COVER 8mm Legs CS.	PRORITES
DOSING PUMP	Positive displacement, Plunger type with manual stroke adjustment. 0-25 LPH /7 Kg/cm2(g) , MOC of plunger : & Liquid End : SS316. Qty = 2 Nos.	PRORITES
MOTORS FOR PUMP	0.37 KW/415V/50HZ/4 POLE/3 PH/IE2 = 02 NOS	CG / SIEMENS
EXTERNAL PRV	1/2" NPT inner & outer threads. Set pressure 10 kg/cm2 MOC : SS316, 1NO	PRORITES
AGITATOR	Top mounted propeller type 1440 RPM. MOC of wetted parts SS 304	PRORITES
AGITATOR MOTOR	0.37 kw / 6 pole /415 V / 50 Hz / 3 ph/ IE2 TEFC = 1 Nos	CG / SIEMENS
GEAR BOX	REDUCTOIN GEAR BOX - 1400 TO 100 RPM	BONFIGLIOLI / PRORITES
LEVEL GAUGE	TUBULAR LEVEL GAUGE WITH TIE ROD PROTECTION. CTC 600, WETTED PARTS SS304. MOUNTING 1/2" #150	PRORITES
PR GAUGE	CHEMICAL SEALED BOURDON TYPE WITH 1/2" ISOLATION VALVE AND SNUBBER. SS 316, RANGE 0-16 KG/CM2 DIAL 100= 1 Nos.	PRORITES
PULSATION DAMPENER	VOLUME BOTTLE TYPE. SS 304 = 1 Nos	PRORITES
SUCTION STRAINER	Y TYPE STRAINER, 15 NB SW, SS 304 = 1 Nos	PRORITES
SUCTION +DISCHARGESIDE VALVES	BALL VALVES 15 NB CL 800, 3P, CF8 / CF8M Qty = 11 NOS	PRORITES
NON RETURN VALVE	LIFT CHECK VALVES. 15 NB CL 800, CF8/CF8M = 02 Nos	PRORITES
SUCTION SIDE PIPING	15 NB SCH 40. SA312 TP 304 SEAMLESS	
DISCHARGE SIDE PIPING	15 NB SCH 40. SA312 TP 304 SEAMLESS	
FITTINGS	15 NB CL 3000 SW FITTINGS. SA182 F 304	
FLANGES	15 NB SWRF B16.5 CL 150. SA182 F 304	
HARDWARE	SS 304 STUD/ NUT / WASHERS	
GASKETS	CNAF	
FOUNDATION BOLTS	M12 X 200 L - CS	
BASE FRAME	COMMON BASE FRAME FABRICATED FROM ISMC 100 X 50	
BREATHING BOX	NA	
HOPPER	NA	
OBSERVATION HOLE	YES	
WEATHER HOODS	FOR DRIVE MOTORS & AGITATOR MOTORS	