

GSTIN: 24DCAPP9328H1ZG

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UMA PHARMATECH MACHINERY

The Feature Of Biotech

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REACTOR SPECIFICATION SHEET

Ref: UPM-2023-7040		Date	1 APR, 2023	
Customer	-			
Contact	-			
Project				
ITEM	10 KL mixing vessel			
Vessel Details		10 KL		
Diameter	2250 mm			
Straight Height (T.L TO T.L)	2500 mm			
Shell (cylindrical)	08 mm thk SS304			
Top Dishend (10% torispherical)	10 mm thk SS304			
Bottom Dishend (10% torispherical)	10 mm thk SS304			
Design Criteria				
Viscosity	100 cP	SG	2	
Pressure	FV TO 5 Kg/cm2	Temp	120 deg C	
Mounting PAD/Flange Size	14" NB			
Sealing (Hi-fab/Leakproof/Eqv.)	UPM Standard Stuffing Box With PTFE Glane Packing			
Gearbox (Bonfiglioli)	In-line helical, AS-60 F22.78 P132 B5V1 (S.F-2.0)			
Motor (Crompton/BBL/Hindustan)	10 Hp	Non FLP, IE2, 4 Pole, Flanged, 3 Ph, 415 V, 50 Hz		
Impeller Type (From bottom)	Pitch Tickler	Hydrofoil	Hydrofoil	
Impeller Sweep	1010 mm	1260 mm	1260 mm	
Baffle Recommendation	4 nos @ 90degree apart 185 mm wide and 30 mm off wall			
Agitator Details		Model #	10@63/304SB100	
Mixing Intensity	8 (Vigrous Mixing)	Shaft Diameter	100 mm	
Pumping Capacity	70.5 M3/min	Shaft Speed	63 RPM	
Tip Speed	4.15 m/sec	MOC Contact Parts	SS 304	
Critical Speed	171 RPM	MOC Non-CP	MS/CS	
Scope of Supply	Design, manufactur, supply and after sales service of UPM make vessel with agitator assembly. Which includes impeller blades with hub, shaft, lantern assembly with bearing housing and seal, gearbox, motor etc.			
Commercial Terms & Conditions				
Unit Price	-9033404463			
Price Basis	Ex Works			
Taxes & Duty	Extra as applicable at the time of dispatch, Presently GST = 18%			
Packing & Forwarding	2% Extra			
Freight & Insurance	By purchaser			
Delivery	10 to 12 weeks after drawing approval			
Payment Terms	50 % advance including GST, balance against proforma invoice before dispatch			