



Decanter 1656



Specifications

BOWL				
Material:	Duplex 2205	Sigma Max:	41,570 ft ²	
Diameter:	406mm (16")	Beach Length:	9" (228mm)	
Bowl Length:	1422mm (56")	Beach Angle:	10°	
Wear Plates:	Urethane, Hardened Steel, or Teflon Options			
CONVEYOR				
Type Design:	Radial	Lead Direction:	Left	
Speed:	3700rpm - Max	Related Bowl Movement:	Leading	
Tiles:	50% Tiles, 50% HF			
GEARBOX				
Type: Planetary	Ratio Options:	3.5kNm (57:1)	6.0kNm (144:1)	7.1kNm (55:1)
Position: Inboard	Max Input Torque:	61.4Nm	41.7Nm	130Nm
Differential Speed (Max): 7.1: 70rpm	Max Output Torque:	543 lbf.ft	4425 lbf.ft	5240 lbf.ft
CAPACITIES				
Feed: 300 GPM (1136 LPM) Max	Bowl Motor:	50HP (37.3kW)	60HP (44.7kW)	75HP (55.9kW)
Max Acceleration: 3140 g-force	Conveyor Motor:	15HP (11.1kW)	20HP (14.9kW)	25HP (18.6kW)
CONTROL PANELS				
Classification:	UL Class 1, DIV1	Types:	FD, 2 Spd, 4 Spd, Fully Variable	
Power Requirement:	380/480 VAC, 3 Phase	Optional Communication*:	Wireless, GPS Router/ Satellite	
Onboard A/C:	No	*Optional HMI Operating System, Zone 1 rated		
DIMENSIONS				
Centrifuge:	Length: 130" (3302mm)	HMI Control Panel:	Length: 130" (3302mm)	
	Width: 84" (2133mm)		Width: 84" (2133mm)	
	Height: 68" (1727mm)		Height: 79" (2006mm)	
	Weight: 8,818lb (4,000kg)		Weight: 9,620lb (4,363kg)	
SAFETY FEATURES				
Spring Assist Lid	High Vibration Safety	Case/ Cover Open Safety	Over Torque Safety	
Bearing Vibration and Temperature Sensors	Start Up/ Shut Down Cycle	Emergency Stop	Main Power Disconnect	

Contact Us

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