




DATA SHEET

END USER:

PROJECT:

Model: **50-160/55**

Working conditions					Material		
Rated Flow:		50 m ³ /h			Pump Casting: Cast iron / ASTM No.30		
Rated Head:		27 m			Impeller: SUS304		
Suction:		8 m		Speed(rpm): 2900			
(NPSH) _a :		2.5 m		Eff(%): 74			
Operation:		Continous			Motor Casting: Aluminum		
					Shaft: SUS304		
					Base plate: Carbon Steel		
Liquid					Shaft seal		
Liquid type: clear water					Shaft Seal Type: Mechanical Seal built-in		
Operature temperaturer(O.T.) Max.		120 °C			Seal brand: Burgmann		
Density:		1024 kg/m ³			Material of shaft seal:		
Hazardous:		Non			Rotation Ring: Graphit		
Construction					Fixed Ring: SiC		
Pump Type:		Centrifugal			O Ring: EPDM Spring: SUS304		
Pump Stage:		Single			High Efficiency Electric Motor		
Impeller type:		Closed		Mounting: Overhung		Manufacturer: HYPER Model: MS 2-112M-2-L	
Shaft direction:		Horizontal			Motor Type: Total Enclosed Fan Cool, Blue Flux		
Suction type:		Single			Power: 5.5 kw Motor Pole: 2 P		
Casing type:		Single volute			Voltage: 380 V Speed: 2900 rpm		
Casing Mounting:		Foot			Phase: 3 Frequency: 50 Hz		
Casing Split:		Radial			IP class: IP 55 Explosive-proof: Non		
Design Press.: 1.60MPa		Hydro test Press.: 2.40MPa			Insulation: F Bearing: NSK		
Rotation(From motor side):		CW			Pump Weight		
Flange	Size	Flange	Seal face	Direction	Gross Weight: kg 75 Net Weight: kg 70		
ANSI	mm	Class	type	Position			
Suction	DN65	150#	RF	End			
Discharge	DN50	150#	RF	Top			
Axial force balance:		Balance hole			Equip SS304 impeller: 		
Bearing type:		Radial rolling bearing					
Lubrication:		Oil		Drive: Direct			

Dimensional Drawing

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