



DATA SHEET

END USER:

PROJECT:

Model: 40-160/30

Working conditions					Material	
Rated Flow:		29 m ³ /h			Pump Casting: Cast iron / ASTM No.30	
Rated Head:		24 m			Impeller: SUS304	
Suction:		8 m		Speed(rpm): 2900		
(NPSH) _a :		2 m		Eff(%): 69		
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 2-100L-2	
Shaft direction: Horizontal					Motor Type: Total Enclosed Fan Cool, Blue Flux	
Suction type: Single					Power: 3 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: 	
Rotation(From motor side): CW					Pump Weight	
Flange	Size	Flange	Seal face	Direction	Gross Weight: kg 56 Net Weight: kg 52	
ANSI	mm	Class	type	Position		
Suction	DN65	150#	RF	End		
Discharge	DN40	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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