



DATA SHEET

END USER:
PROJECT:
Model: **80-160/150**

Working conditions					Material	
Rated Flow:		145 m ³ /h			Pump Casting: Cast iron / ASTM No.30	
Rated Head:		27 m			Impeller: SUS304	
Suction:		8 m		Speed(rpm): 2900		
(NPSH) _a :		4.5 m		Eff(%): 80		
Operation:		Continous			Motor Casting: Cast iron / ASTM No.30	
					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				
Shaft direction:		Horizontal			Manufacturer: HYPHER Model: MS 2-160M2-2	
Suction type:		Single			Motor Type: Total Enclosed Fan Cool, Blue Flux	
Casing type:		Single volute			Power: 15 kw Motor Pole: 2 P	
Casing Mounting:		Foot			Voltage: 380 V Speed: 2900 rpm	
Casing Split:		Radial			Phase: 3 Frequency: 50 Hz	
Design Press.: 1.60MPa Hydro test Press.: 2.40MPa					IP class: IP 55 Explosive-proof: Non	
Rotation(From motor side): CW					Insulation: F Bearing:	
Flange	Size	Flange	Seal face	Direction	Pump Weight	
ANSI	mm	Class	type	Position	Gross Weight: kg 199 Net Weight: kg 184	
Suction	DN100	150#	RF	End	Equip SS304 impeller: 	
Discharge	DN80	150#	RF	Top		
Axial force balance: Balance hole						
Bearing type: Radial rolling bearing						
Lubrication: Oil		Drive: Direct				

Dimensional Drawing

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