



DATA SHEET

END USER:

PROJECT:

Model: 40-160/40

Working conditions					Material	
Rated Flow:		35 m ³ /h			Pump Casting: Cast iron / ASTM No.30	
Rated Head:		29 m			Impeller: SUS304	
Suction:		8 m		Speed(rpm): 2900		
(NPSH) _a :		2.5 m		Eff(%): 70		
Operation:		Continous			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: HYPER Model: MS 2-100L-2-L	
Suction type:		Single			Motor Type: Total Enclosed Fan Cool, Blue Flux	
Casing type:		Single volute			Power: 4 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.:	
Rotation(From motor side):		CW			IP class: IP 55 Explosive-proof: Non	
Insulation:		F			Bearing: 	
Flange					Pump Weight	
Size		Seal face		Direction		
ANSI		Class		Position		
mm		type				
Suction		150#		End		
Discharge		150#		Top		
DN65		RF				
DN40		RF				
Axial force balance:		Balance hole			Equip SS304 impeller: 	
Bearing type:		Radial rolling bearing				
Lubrication:		Oil		Drive: Direct		

Dimensional Drawing

END USER:

PROJECT:

Model: 40-160/40

