





DATA SHEET

END USER:

PROJECT:

Model: **80-160/185**

Working conditions					Material	
Rated Flow:		160 m ³ /h			Pump Casting: Cast iron / ASTM No.30	
Rated Head:		31 m			Impeller: SUS304	
Suction:		8 m		Speed(rpm): 2900		
(NPSH) _a :		5 m		Eff(%): 81		
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		Manufacturer: HYPER Model: MS 2-160L-2
Shaft direction:		Horizontal			Motor Type: Total Enclosed Fan Cool, Blue Flux	
Suction type:		Single			Power: 18.5 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: 	
Rotation(From motor side): CW					Pump Weight	
Flange	Size	Flange	Seal face	Direction	Gross Weight: kg 221 Net Weight: kg 206	
ANSI	mm	Class	type	Position		
Suction	DN100	150#	RF	End		
Discharge	DN80	150#	RF	Top		
Axial force balance:		Balance hole			Equip SS304 impeller: 	
Bearing type:		Radial rolling bearing				
Lubrication:		Oil	Drive: Direct			

Dimensional Drawing

END USER:

PROJECT:

Model: **80-160/185**

