


DATA SHEET

END USER:

PROJECT:

Model: **50-160/75**

| Working conditions | | | | | Material | |
|---|------|----------------------|-----------|------------------|---|--|
| Rated Flow: | | 60 m ³ /h | | | Pump Casting: Cast iron / ASTM No.30 | |
| Rated Head: | | 32.5 m | | | Impeller: SUS304 | |
| Suction: | | 8 m | | Speed(rpm): 2900 | | |
| (NPSH)a: | | 3 m | | Eff(%): 76 | | |
| 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 2-112L-2-L | |
| Shaft direction: Horizontal | | | | | Motor Type: Total Enclosed Fan Cool, Blue Flux | |
| Suction type: Single | | | | | Power: 7.5 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 82 Net Weight: kg 77 | |
| 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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