

SPECIFICATIONS			Model CNMJ80-P100B			Q'ty																																																																										
ShinMaywa SUBMERSIBLE PUMP			Equipment Name																																																																													
1. PUMP <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 40%;">Pump model</td><td style="width: 20%;">CNMJ80</td><td style="width: 40%;"></td></tr> <tr><td>Discharge bore</td><td>100</td><td>mm</td></tr> <tr><td>Capacity</td><td></td><td>m³/min</td></tr> <tr><td>Total head</td><td></td><td>m</td></tr> <tr><td>Weight (excluding cable)</td><td>81</td><td>kg</td></tr> <tr><td>Impeller type</td><td colspan="2">Channel type, Semi-Open</td></tr> <tr><td>Impeller No. (Solid passage dia.)</td><td colspan="2"></td></tr> <tr><td colspan="3"> ☐ 50Hz #1 (80 mm) ☐ 60Hz #2 (80 mm) </td></tr> </table> 2. GUIDE RAIL INSTALLATION <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 40%;">Guide rail installation code No.</td><td style="width: 20%;">P100B</td><td style="width: 40%;"></td></tr> <tr><td>Guide rail installation set weight</td><td>40.5</td><td>kg</td></tr> <tr><td>Automatic connection weight</td><td>27</td><td>kg</td></tr> </table> 3. MOTOR <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 40%;">Type</td><td style="width: 20%;">Air-filled Submersible Motor</td><td style="width: 40%;"></td></tr> <tr><td>Output</td><td>3.7</td><td>kW</td></tr> <tr><td>Poles</td><td>4</td><td>P</td></tr> <tr><td>Insulation class</td><td>F</td><td></td></tr> <tr><td>Power supply</td><td colspan="2">Three phase</td></tr> <tr><td>Starting method</td><td colspan="2">Direct</td></tr> <tr><td>Protector</td><td colspan="2">Thermal Protector (Auto-reset type / Standard)</td></tr> <tr><td colspan="3">Voltage & Current</td></tr> <tr> <td> ☐ 50Hz </td> <td> ☐ 60Hz </td> <td></td> </tr> <tr> <td> ☐ 380 ☐ 400 ☐ 415 ☐ 440 ☐ ☐ </td> <td> ☐ 380 ☐ 400 ☐ 440 ☐ 460 ☐ ☐ </td> <td></td> </tr> <tr> <td>380 400 415 440 </td> <td>Voltage(V) 380 400 440 460 </td> <td></td> </tr> <tr> <td>8.7 8.3 8.0 7.5 </td> <td>Rated (A) 8.5 8.0 7.3 7.0 </td> <td></td> </tr> <tr> <td>50.3 47.8 46 43.4 </td> <td>Starting (A) 43 45.2 49.7 51.9 </td> <td></td> </tr> </table> 4. ACCESSORIES (1) Cable : VCT 2.0 mm² x 4 cores x φ12.0 mm x Length: 8 m 1 pc. ☐ Leakage detector (Cable: 2PNCT 2.0 mm² x 1 core x φ6.5 mm ... 1 pc.) (Option) ☐ Thermal switch (Cable: 2PNCT 1.25 mm² x 2 cores x φ9.8 mm ... 1 pc.) (Option) (2) Air vent valve 1 pc. (3) Guide Rail Installation Set Automatic connection ... 1 pc. Sliding bracket 1 pc. Guide holder 1 pc. Lifting chain (6 m, with shackle) 1 pc. ☐ Others ☐ Others									Pump model	CNMJ80		Discharge bore	100	mm	Capacity		m ³ /min	Total head		m	Weight (excluding cable)	81	kg	Impeller type	Channel type, Semi-Open		Impeller No. (Solid passage dia.)			☐ 50Hz #1 (80 mm) ☐ 60Hz #2 (80 mm)			Guide rail installation code No.	P100B		Guide rail installation set weight	40.5	kg	Automatic connection weight	27	kg	Type	Air-filled Submersible Motor		Output	3.7	kW	Poles	4	P	Insulation class	F		Power supply	Three phase		Starting method	Direct		Protector	Thermal Protector (Auto-reset type / Standard)		Voltage & Current			☐ 50Hz	☐ 60Hz		☐ 380 ☐ 400 ☐ 415 ☐ 440 ☐ ☐	☐ 380 ☐ 400 ☐ 440 ☐ 460 ☐ ☐		380 400 415 440	Voltage(V) 380 400 440 460		8.7 8.3 8.0 7.5	Rated (A) 8.5 8.0 7.3 7.0		50.3 47.8 46 43.4	Starting (A) 43 45.2 49.7 51.9	
Pump model	CNMJ80																																																																															
Discharge bore	100	mm																																																																														
Capacity		m ³ /min																																																																														
Total head		m																																																																														
Weight (excluding cable)	81	kg																																																																														
Impeller type	Channel type, Semi-Open																																																																															
Impeller No. (Solid passage dia.)																																																																																
☐ 50Hz #1 (80 mm) ☐ 60Hz #2 (80 mm)																																																																																
Guide rail installation code No.	P100B																																																																															
Guide rail installation set weight	40.5	kg																																																																														
Automatic connection weight	27	kg																																																																														
Type	Air-filled Submersible Motor																																																																															
Output	3.7	kW																																																																														
Poles	4	P																																																																														
Insulation class	F																																																																															
Power supply	Three phase																																																																															
Starting method	Direct																																																																															
Protector	Thermal Protector (Auto-reset type / Standard)																																																																															
Voltage & Current																																																																																
☐ 50Hz	☐ 60Hz																																																																															
☐ 380 ☐ 400 ☐ 415 ☐ 440 ☐ ☐	☐ 380 ☐ 400 ☐ 440 ☐ 460 ☐ ☐																																																																															
380 400 415 440	Voltage(V) 380 400 440 460																																																																															
8.7 8.3 8.0 7.5	Rated (A) 8.5 8.0 7.3 7.0																																																																															
50.3 47.8 46 43.4	Starting (A) 43 45.2 49.7 51.9																																																																															

ShinMaywa Industries, Ltd. Japan
Fluid Division, Ono-Plant

DWG No.
S407080