

MODEL T8A - PMB

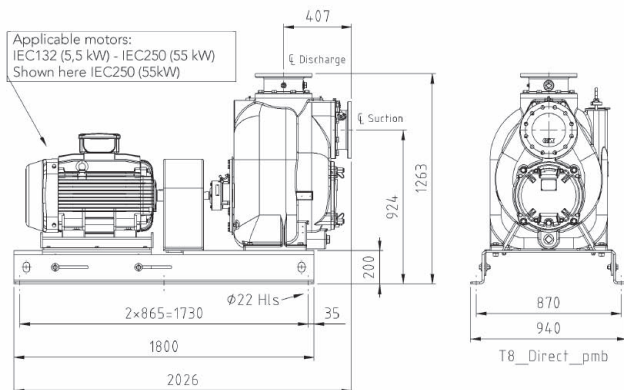
DIRECT COUPLED



PUMP SPECIFICATIONS

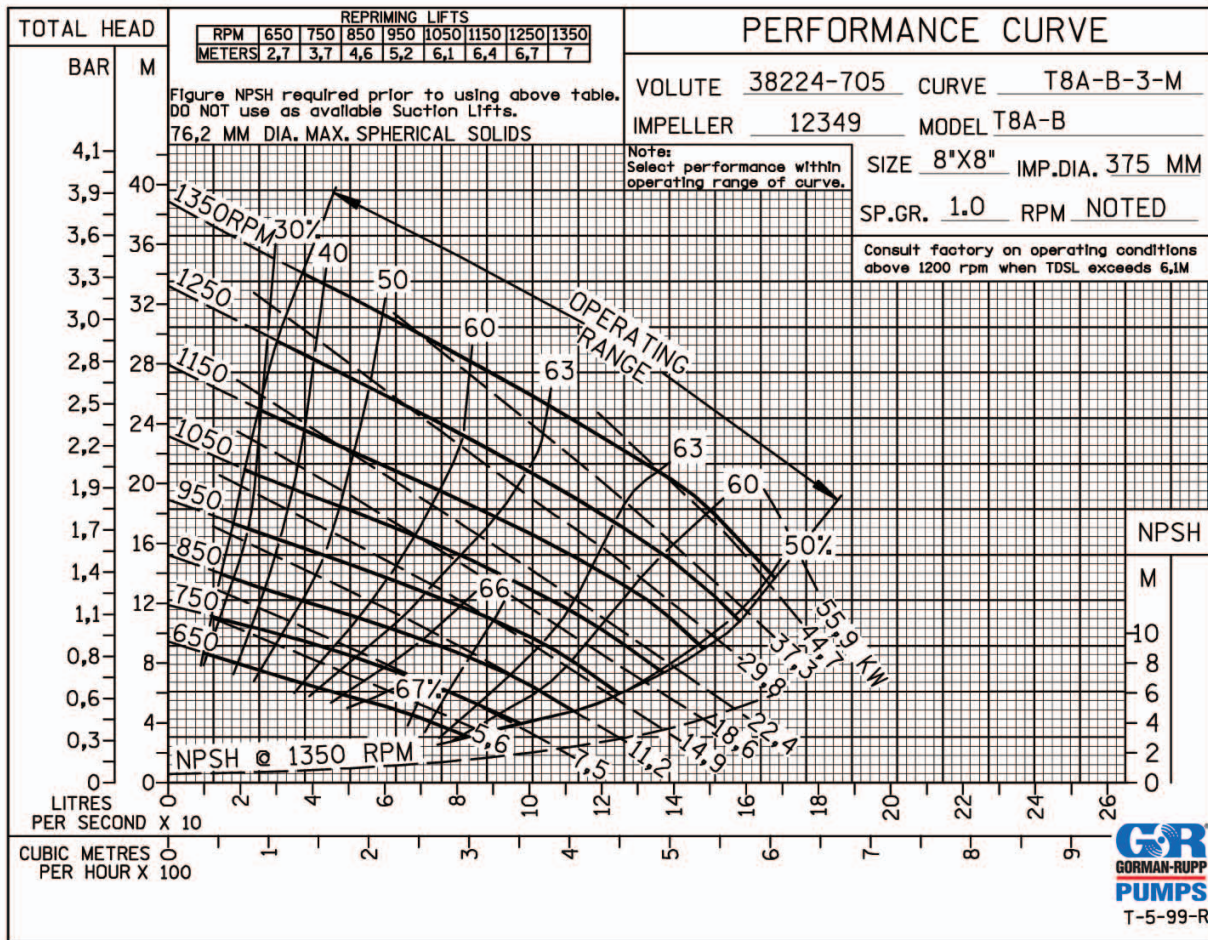
- Size:** 200 mm x 200mm DIN 2527 (PN16) Flanged.
- Casing:** Gray Iron 30. Maximum Operating Pressure 5,72 Bar.*
- Semi-Open Type, Two Vane Impeller:** Ductile Iron 65-45-12. Handles 76,2 mm Diameter Spherical Solids.
- Impeller Shaft:** Alloy Steel 4150.
- Shaft Sleeve:** Alloy Steel 4130.
- Seal:** Cartridge Type, Mechanical, Oil-Lubricated, Double Floating, Self-Aligning. Tungsten Titanium Carbide or Silicon Carbide Rotating and Stationary Faces**. Stainless Steel 316 Stationary Seat. Fluoro-carbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped, 71°C.*
- Replaceable Wear Plate:** Gray Iron 30.
- Removable Adjustable Cover Plate:** Gray Iron 30; 43 kg.
- Flap Valve:** Neoprene w/Nylon and Steel Reinforcing.
- Seal Plate:** Gray Iron 30.
- Bearing Housing:** Gray Iron 30.
- Radial and Thrust Bearings:** Open Double Row Ball.
- Bearing and Seal Cavity Lubrication:** SAE 30 Non-Detergent Oil.
- Flanges:** Gray Iron 30.
- Gaskets:** Buna-N, Compressed Synthetic Fibers, PTFE, Cork, and Rubber.
- O-Rings:** Buna-N.
- Hardware:** Standard Plated Steel. Brass Pressure Relief Valve. Bearing and Seal Cavity Oil Level Sight Gauges.
- Models available in different materials:** T8A3S-B /FM, T8A60S-B /FM, T8A61S-B /FM, T8A71S-B /FM and T8A65S-B /FM***

MODEL T8A-PMB



Optional Equipment: Self-Cleaning Wear-plate, Pump Drain Kit, High Pump Temperature Shutdown Kit, 240V Casing Heater, Suction and Discharge Gauge Kit, Automatic Air Release Valve.

* Consult Gorman-Rupp Europe for applications exceeding maximum pressure and/or temperature indicated.
 ** See Pump Specification data sheet for the specific seal face material of construction.
 *** Refer to The Gorman-Rupp Specification sheet for details on the available pumps. Premium materials subject to a price adder.



MOTOR DIMENSIONS

| W22 - PREMIUM EFFICIENCY | | | |
|--------------------------|---------------------------|-------------|--------|
| pole | IV | 1500rpm | 50Hz |
| voltage | 380V | 400V | 415V |
| output (kw) | dimensions w x l x h (mm) | weight (kg) | frame |
| 55 | 486 x 965 x 655 | 507 | 250S/M |
| 45 | 455 x 886 x 609 | 420 | 225S/M |
| 37 | 455 x 886 x 609 | 392 | 225S/M |
| 30 | 402 x 767 x 517 | 243 | 200L |
| 22 | 360 x 702 x 540 | 198 | 180L |
| 18,5 | 360 x 664 x 540 | 180 | 180M |
| 15 | 329 x 642 x 424 | 145 | 160L |
| 11 | 329 x 598 x 424 | 109 | 160M |
| 7,5 | 271 x 490 x 350 | 78 | 132M |
| 5,5 | 271 x 452 x 350 | 69 | 132S |

UPDATED PMB FRAME

Steel: S235JRG2, powder coated finish.
Zinc plated hardware + nuts.

MOTOR SPECIFICATIONS

Standard Features

- Three-phase, multivoltage, IP55, TEFC;
- Premium efficiency - complying with IE3 efficiency levels according to IEC60034-30;
- Number of Poles: 4*
- Mounting: B3T;
- Voltage: 220-240/380-415V / 380-415/660V;
- Class "F" insulation ($\Delta T=80K$);
- Continuous duty: S1;
- Design N;
- WISE® (WEG Insulation System Evolution) insulation system - Suitable for inverter duty applications*;
- Ambient temperature: 40°C, at 1000 m.a.s.l.;

- Squirrel cage rotor / Aluminium die cast;
- V'Ring seal for frames 63 to 200L and for frames 225S/M to 355A/B;
- Stainless steel nameplate AISI 316;
- Metric threaded cable entries on the terminal box;
- Color: RAL 6002 - Green.

*For additional details about Inverter operation, please contact our technical support.

*Special Insulation for voltage above 575V

Optional Available

- Degree of Protection: IP56, IP65, IP66, IPW56, IPW65 or IPW66

