MODEL ZB120 AND Z580

EBSRAY® Z SERIES INTERNAL GEAR PUMPS



Ebsray®

INDORAYA POWER ENERGI

Lightweight, robust and compact – Ebsray® Z Series Internal Gear Pumps are designed for flexibility and the efficient transfer of liquids with either lubricating or non-lubricating characteristics. Featuring a maximum flow rate of 23.6 L/min (6.23 gpm), the Z Series is manufactured under strict guidelines and tested to ensure reliable performance and a long, trouble-free service life.

APPLICATIONS

- Fuel oils
- Lube oils
- Distillate
- Petrol
- Kerosene
- Solvents
- Paints
- Transformer oils
- Vegetable oils
- Chemicals

FEATURES AND BENEFITS

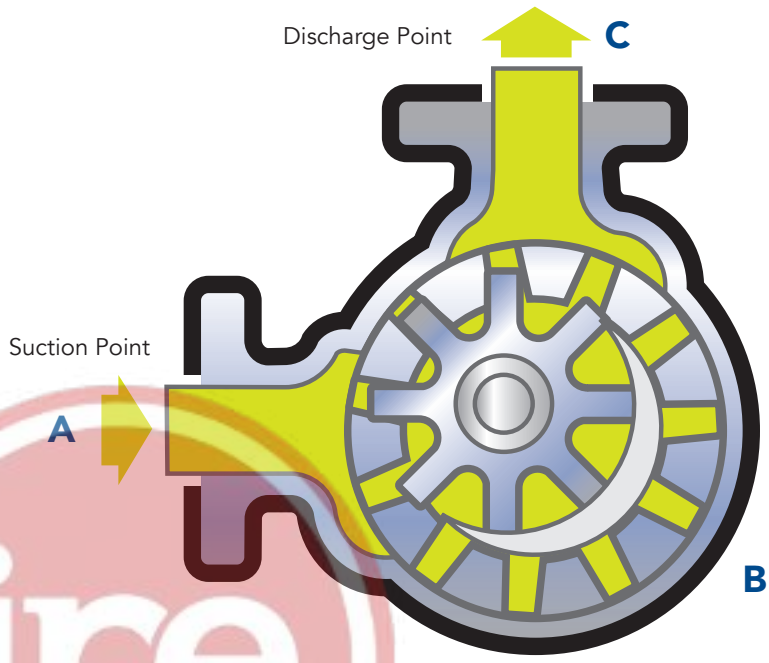
- Quiet operation
- High overall efficiency
- Low maintenance, long life
- Easy pull-out construction
- Replaceable internal wearing parts
- Direct coupling to synchronous speed motors up to 1800 rpm
- Lightweight, compact and robust
- Integral adjustable bypass valve
- Mechanical seal or packed gland



Assured Quality and Performance

All Ebsray pumps are manufactured under strict guidelines and procedures to help manufacturers ensure a safe and reliable operation. Specifically, Z Series Internal Gear Pumps utilize low-maintenance components to offer a long working life with trouble-free service. Additionally, Ebsray spare parts are readily available with close tolerance, ensuring quick replacement and interchangeability.





Pumping Performance

A. Liquid is drawn into the pump through the suction port.

B. Liquid is transferred from the suction to the discharge side of the pump.

C. As teeth mesh, liquid is forced out through the discharge port.

Product Specifications

MODEL	MAX. FLOW RATE	MAX. DIFFERENTIAL PRESSURE	MAX. VISCOSITY	MAX. TEMPERATURE
ZB120	11.4 L/min (3 gpm)	<20 cSt 1,400 kPa (203 psi)	10,000 cSt	Mechanical Seal 100°C (212°F)
Z580	23.6 L/min (6.23 gpm)	>20 cSt 2,000 kPa (290 psi)		Hydraulic Packing 200°C (392°F)

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