

Pump unit

ZPU 01/02



Grease

Product description

The ZPU 01/02 high-pressure, high-volume pumps can be used as a supply pump for small to midsize dual-line systems or for progressive systems.

Depending on the system layout, these electric pumps can supply lubricant within a 50 m (54 yd) radius at a maximum pressure of 400 bar (5 800 psi). Available with 10 or 30 l (2.6 or 8 gal) reservoirs, these units are compatible with oil and grease up to NLGI 2 (NLGI 3 upon request). Featuring one or two elements, the ZPU 01/02 pumps work effectively in a broad temperature range thanks to the integrated stirring device.

Features and benefits

- Reliable
- Versatile
- Ultrasonic low- and high-level control options
- Free shaft end for use with other motors

Applications

- Light to medium industrial applications
- Mixing machines
- Power plants
- Reclaimers
- Stackers



Technical data

Function principle	electrically operated piston pump
Operating temperature	-20 to +70 °C; -4 to +158 °F
Operating pressure	M 100, M490: max. 350 bar; 5 075 psi M049: max. 400 bar; 5 800 psi
Lubricant	grease: up to NLGI 2, NLGI 3 on request oil: with a viscosity of min. 20 mm ² /s at operating temperature
Metering quantity ¹⁾	ZPU 01: 13,33 cm ³ /min; 0.813 in ³ /min ZPU 02: 26,67 cm ³ /min; 1.63 in ³ /min ZPU 02-M049: 53,33 cm ³ /min; 3.25 in ³ /min
Reservoir	10 or 30 l; 2.6 or 8 gal
Connection main line ²⁾	model V: for tube 10 mm model E: G 1/4
Operating voltage	380-420 V AC/50 Hz, 440-480 V AC/60 Hz; (± 10%)
Protection class	IP 65
Dimensions	min. 514 × 379 × 317 mm min. 20.25 × 15.00 × 12.50 in max. 754 × 431 × 337 mm max. 29.75 × 17.00 × 15.00 in
Dimensions low-level sensor	30 × 125 × 65 mm 1.2 × 5.0 × 2.75 in
Mounting position	upright

¹⁾ output increase by 20% for 60 Hz applications

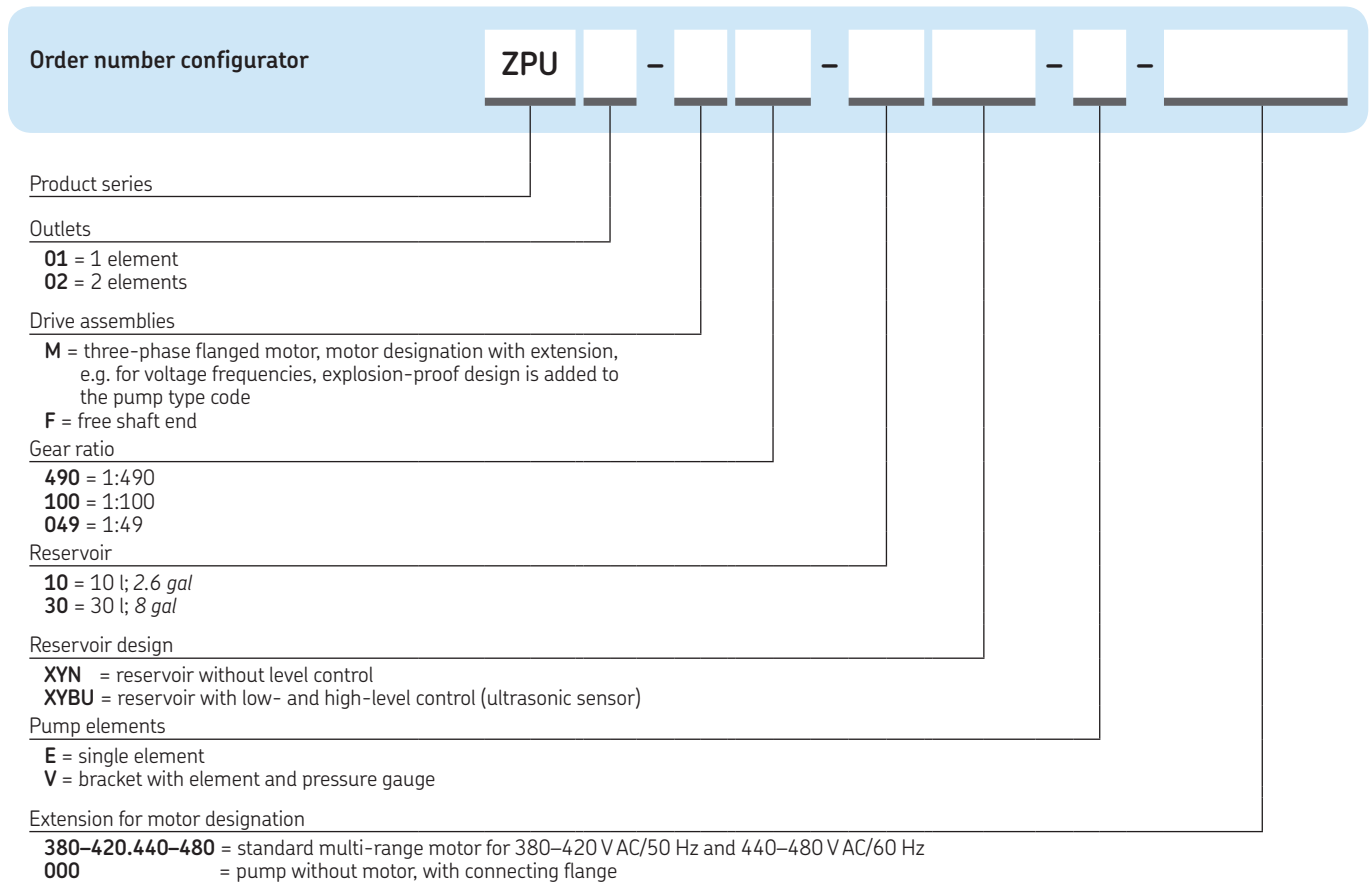
NOTE

For further technical information, technical drawings, accessories, spare parts or product function descriptions, see the following publication available online at SKF.com/lubrication:
951-171-016 EN

3D data and product configuration:
skf-lubrication.partcommunity.com/3d-cad-models/

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