

# ZPU08/14/24 Pumps



The high-pressure ZPU08, ZPU14 and ZPU24 pumps are primarily used in two-line systems or as a supply pump.

The pump element, made of hardened steel, operates as a piston pump with two pistons operating in opposite directions which draw in lubricant alternately and feed it through the outlet hole to the

pressure line. The outlet channels of the high-pressure pistons are controlled by a floating piston.

These state-of-the-art pumps are extremely serviceable and reliable. All main components are easily accessible. The pumps come standard with a pressure relief valve, a check valve, a lubricant filter, and a pressure gauge.



ZPU08-40XL

## Popular Models

Part No.	Description	Reservoir Size			Level Control	Motor
		Liters	In <sup>3</sup>	Lbs.		
605-40272-5	ZPU08G-40XL-380-415, 420-480	40	2441	80	yes	3-phase
605-40273-3	ZPU08G-100XB-380-415, 420-80	100	6102	200	yes	3-phase
605-40276-3	ZPU14G-100XB-380-415, 420-480	100	6102	200	yes	3-phase
605-40279-3	ZPU24G-100XB-380-415, 420-480	100	6102	200	yes	3-phase

## Technical Data

Model	ZPU08	ZPU14	ZPU24
lubricant output (output increases by 20% for 60 Hz applications)	8 liters/hour (2.1 U.S. gal/h) 488 in³/h	14 liters/hour (3.7 U.S. gal/h) 854 in³/h	24 liters/hour (6.3 U.S. gal/h) 1464 in³/h
drive speed	60 rpm	100 rpm	180 rpm
operating pressure	400 bars (5800 psi)		
connection thread	pressure line relief line filling line	G 3/4 female (BSPP) G 3/4 female (BSPP) G 3/4 female (BSPP)	
direction of rotation of the drive	optional		
reservoir capacity	40 or 100 liters/(10 or 26 U.S. gal) 2441 in³ or 6102 in³		
lubricant filter	filter area 5.1 cm²		
	grade of filtration 280 µm		
overpressure valve	fixed setting to 410 bars (5946 psi) tamper-proof		
operating temperature	-20° to 80 °C (-4° to 176 °F)		

## Dimensions

Reservoir Size	Height	Width	Depth
40 liters (without low-level control)	760 mm (30 in)	670 – 735 mm (26 – 29 in) depending on version	410 mm (16 in)
100 liters (without low-level control)	975 mm (38.5 in)	760 – 825 mm (30 – 32.5 in) depending on version	500 mm (20 in)