ZPU01/02 Pumps



Depending on the number of pump elements, these high-pressure, high-volume pumps can be used for following applications:

- 1.As a supply pump for small to midsize two-line systems ('F' version with filter block, safety valve and pressure gauge) in conjunction with a pressure-controlled change-over valve. The supply range lies within a radius of approximately 50 m from the pump depending on the ambient temperature and type of lubricant.
- 2. As a supply pump for progressive and single-line systems ('F' or 'V' version).

The principle of operation is similar to the very reliable and efficient multi-line pump 215. They are available with or without an ultrasonic level control and come with a 3-phase multi-range motor for 380 – 420 volt at 50 Hz or 440 – 480 volt at 60 Hz or with a free shaft end for use with other motors. Gear ratio is 100:1.



ZPU02 ... F

Popular Models

Part No.	Description	Motor	Reservoir Size			Level	Pump
			Liters	In ³	Lbs.	Control	Element
661-40692-3	ZPU02-M100- 010XYBU-F-380- 420/440-480	3-phase	10	610	20	yes	bracket with 2 elements, filter block, pressure gauge
661-40710-3	ZPU02-M100- 030XYBU-F-380- 420/440-480	3-phase	30	1830	60	yes	and safety valve
661-40644-7	ZPU02-M100- 010XN-F-000	none	10	610	20	no	
661-40710-7	ZPU01-M100- 010-XYBU-E-380- 420/440-480	3-phase	10	610	20	yes	1 element only

Technical Data

10011110011 = 0.101				
Number of Elements	1 or 2			
threaded connection:				
E version	G 1/4 female (BSPP)			
V or F versions	for 10 mm tube or G 3/8 female (BSPP)			
filling connection	G 3/8 female (BSPP)			
maximum operating pressure	300 bars 4350 psi			
	"E" version must be protected with pressure relief valve (not included)			
suitable lubricant	grease up to NGLI 2 / NLGI 3 on request			
	oil with a viscosity of min. 20 cSt			
lubricant output per pump element				
(output increases by 20%				
for 60 Hz applications)	800 cm³ / hour (49 in³ / hour)			
reservoir sizes	10 or 30 liter (2.6 or 8 U.S. gal)			
temperature range	-20° to 70° C (-4° to 158° F)			

ZPU01/02 **Pumps**



Required Pressure Relief Valve for Single Element "E" Version

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Part No.	Description	Tube Diameter	Pressure
624-25478-1	relief valve	6 mm tube	200 bars (2900 psi)
624-25479-1	relief valve	6 mm tube	350 bars (5076 psi)
624-25480-1	relief valve	8 mm tube	200 bars (2900 psi)
624-25481-1	relief valve	8 mm tube	350 bars (5076 psi)
624-25482-1	relief valve	10 mm tube	200 bars (2900 psi)
624-28483-1	relief valve	10 mm tube	350 bars (5076 psi)

Dimensions

Reservoir Size	Height	Width	Depth
10 liters (without			
low-level control)	514 mm (20.25 in)	379 mm (15 in)	317 mm (12.5 in)
30 liters (without			
low-level control)	754 mm (29.75 in)	431 mm (17 in)	377 mm (15 in)
low-level			
sensor	30 mm (1.2 in)	125 mm (5 in)	65 mm (2.75 in)

Identification Code Models ZPU01/02



Description

