

# 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 mid size 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 Control	Pump Element
			Liters	In <sup>3</sup>	Lbs.		
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 and safety valve
661-40710-3	ZPU02-M100-030XYBU-F-380-420/440-480	3-phase	30	1830	60	yes	
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

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