

Application

- Hydrostatic and hydrodynamic bearings
- Turbines
- Steel mills
- Gears
- Paper machines
- Power stations

Oil circulation systems may be classified into the following groups:

- Oil supply systems – hydraulic
- Lubrication oil supply systems
- Blocking oil systems (used to maintain separation points – e.g. different pressures or mediums)
- Regulation / control oil systems

Oil circulation systems differ largely depending on the requirements and desired features of the customer. Our experts are always pleased to provide you with a tailor-made system to meet your application.



Oil Circulation Station

ZPU09/09A Pump for Hydrostatic Lubrication

This high-pressure central lubrication pump is designed for use with

hydrostatic lubrication systems only. It is available with one or two outlets and is for use with oils with a viscosity of 20 to 460cSt.

Oil Circulation System



Models

Part No.	Description	Number of Outlets	Motor
605-27545-1	ZPU09/08GT-380-415,420-480	1	3-phase gear motor, multi-range 380-415/420-480 volt
605-27546-1	ZPU09/08GT-500	1	3-phase gear motor, 500 volt
605-27547-1	ZPU09A/08GT-380-415,420-480	2	3-phase gear motor, multi-range 380-415/420-480 volt
605-27548-1	ZPU09A/08GT-500	2	3-phase gear motor, 500 volt
605-27672-1 replaced by	ZPU09/08ST-380		3-phase standard motor, multi-range 380-415/420-480 volt
605-28960-1	ZPU09/08ST-380-415,420-480	1	separate 20:1 gear drive
605-28166-1	ZPU09/08GT-000	1	no motor

Technical Data

	ZPU09	ZPU09 A
number of outlets	1	2
lubricant output	8 liters/hour (2.1 U.S. gal/h) 488 in ³ 16 Lbs.	2 x 4 liters/hour (2 x 1 U.S. gal/h) 2 x 488 in ³ 16 Lbs.
maximum operating pressure	400 bar (5800 psi)	
drive speed	60 rpm	
reservoir capacity	8 liter (2.1 U.S. gal) 488 in ³ 16 Lbs.	
connection threads	pressure line G 3/8 female (BSPP) filling line G 3/8 female (BSPP)	