

Hydrostatic Bearing Lubrication (Oil)



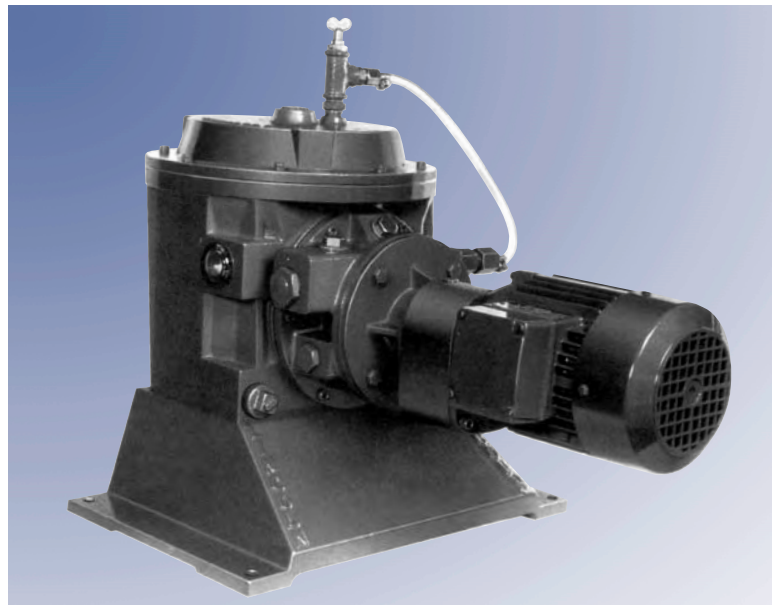
Applications

- Hydrostatic and hydrodynamic lubrication of large bearings (Cement kilns)
- Turbines
- Steel mills
- Gears
- Paper machines
- Power stations

The 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

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



ZPU09

ZPU09/09A Pump for Hydrostatic Lubrication

This high pressure central lubrication pump is designed for use in hydrostatic lubrication systems only. It is available with one or two outlets and is suitable

for the supply of oils with a viscosity of 20 to 460 cSt.

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 V
605-27546-1	ZPU09/08GT-500	1	3-phase gear motor, 500 V
605-27547-1	ZPU09A/08GT-380-415,420-480	2	3-phase gear motor,
605-27548-1	ZPU09A/08GT-500	2	3-phase gear motor, 500 V
605-28960-1	ZPU09/08ST-380-415,420-480	1	3-phase gear motor, multi-range 380-415/420-480 V
605-28166-1	ZPU09/08GT-000	1	without motor

Technical Data

Number of outlets		
Lubricant output	8 liters/hr. (2.1 U.S. gal/hr.)	2 x 4 liters/hr. (2 x 1 U.S. gal/hr.)
Max. 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)	