

Hydraulic Pump Division

TECH BRIEFS

P2/P3 Piston Pumps Changing To Cylindrical Shaft Bearing PC-0037

The P2/P3 Piston Pump family is changing across all sizes to a cylindrical shaft bearing in place of the spherical bearing design. The P2/P3 product line is being approved more often for applications above the continuous catalog pressure rating of 320 Bar. The cylindrical bearing has proven to be a more robust solution in our laboratory testing and is a better choice as average application pressures continue to rise above standard catalog ratings.

Since the cylindrical bearing is a direct interchange and does not affect fit, form or function, this will be a running change. The current P2/P3 pump ordering codes and design numbers will remain unchanged and there is no price change applicable.

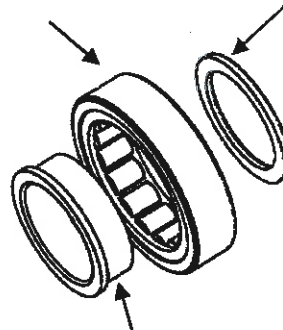
CONTACT:Patrick Larkin
Product Manager

269-694-2581

plarkin@parker.com

Cylindrical Bearing

Slide over Inner Race Place Washer over shaft onto bearing



Press Inner Race on Shaft

The scheduled implementation, dictated by bearing market leadtimes, is shown below.

<u>Frame Size</u>	<u>New Shaft Bearing P-N</u>	<u>Effective date</u>
P2060	P2-060-3205	Feb 2103
P2/P3075	P2-075-3205	Apr 2013
P2/P3105 & 145	P2-145-3209	Jul 2013

For further information please contact HPD technical support at 937-644-3915