

**Spend less time down here!
Using Dynex hydraulic pumps
makes that possible!**



This pump/motor unit was designed for the harsh steel mill environment that you work in every day and reliably operates at pressures to 20 000 psi (1380 bar).

Dynex pump/motor units provide long service life on roll balance and bearing lube systems in harsh steel mill environments. Dynex pumps are ideal because of their exceptional tolerance to contamination and high temperatures. They can provide the performance and reliability of a triplex pump at about half the cost.

DYNEX
High Pressure Hydraulics

www.dynexhydraulics.com/metallurgy.htm

DYNEX HYDRAULIC COMPONENTS FOR THE STEEL MILL INDUSTRY

CHECKBALL PUMP ADVANTAGES:

- Contamination tolerant for operation in dirty environments.
- Bi-directional design provides constant flow direction regardless of drive shaft rotation.
- Single-fluid design which eliminates the need for a separate lubrication circuit for the pump.
- Wide range of fluid compatibility including: fire resistant, water glycol, low lubricity, low or high viscosity fluids.
- Used on hydrostatic roll balance and high-pressure bearing lubrication systems and hydraulic press applications.
- With Split-Flow® models, one pump can supply up to ten independent flows.



PF4200 SERIES FIXED DISPLACEMENT CHECKBALL PUMPS

2.2 to 6.7 gpm (8,3 to 25,4 L/min) at 1800 rpm
Rated: 8 000 psi (560 bar),
Maximum: 20 000 psi (1380 bar)



PF6000 SERIES FIXED DISPLACEMENT CHECKBALL PUMPS

12.2 to 22.4 gpm (46,2 to 84,8 L/min) at 1800 rpm
Rated: 4 000 psi (380 bar),
Maximum: 6 000 psi (415 bar)



PF4300 SERIES FIXED DISPLACEMENT CHECKBALL PUMPS

2.2 to 8.2 gpm (8,3 to 31,0 L/min) at 1800 rpm
Maximum: 15 000 psi (1040 bar)



VST SEATED VALVES AND HP03 SPOOL DIRECTIONAL CONTROL VALVES

Pressures to: 15 000 psi (1040 bar)

Proven Performance. Trusted Service.

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