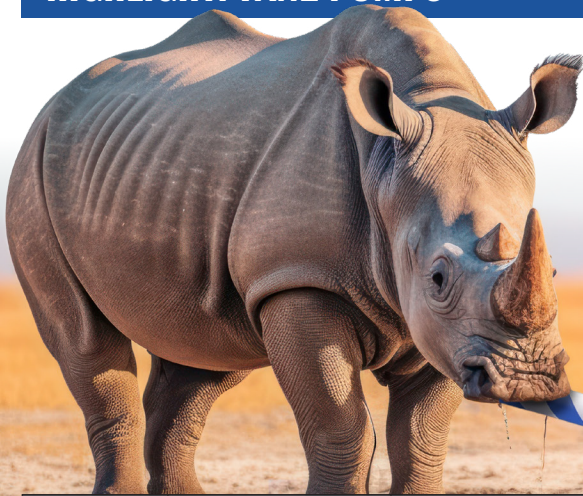


HIGHLIGHT: VANE PUMPS



THIS SUCKS

VANE PUMPS:



Robust and long life even in the harshest of environments.

Continental has been manufacturing variable volume, pressure compensated pumps since 1955! Our years of knowledge has resulted in the most robust, long life pumps available.

Vane pumps with inherent wear compensation and use of hydrodynamic bearing are known for their ability to out perform many other pumps. Product knowledge and application know-how is our strength, that customers have come to rely and depend on!

PUMPS	PVX - VANE PUMP	PVR - VANE PUMP
Control Type	Hydraulic Compensated	Direct Spring Compensated
Rated Pressure	200-3000 PSI (14-210 bar)	100-2000 PSI (7-138 bar)
Displacement	1 to 10.0 inch ³ /rev (16 to 164 cm ³ /rev)	0.7 to 9.9 inch ³ /rev (11.5 to 162 cm ³ /rev)
Mounting	SAEA to SAE D flange	SAE flange and manifold
Controls	Pressure comp / load sense / remote / HP limiting / solenoid operated	Direct spring / dual pressure - dual volume

PVX Series

Hydraulically Compensated

- Fast response and recovery times, with as low as 20ms off stroke and 50ms on stroke
- Very low pressure and flow ripple
- High efficiency (94% volumetric)
- Long life due to wear compensation technology
- Hydrodynamic journal bearing
- Very low noise level: down to 67dBA at 3000 PSI



PVR Series

Direct-Spring Compensated

- High efficiency and long life due to vanes self-adjusting wear compensation technology
- Hydrodynamic journal bearing
- Very low pressure and flow ripple
- Because of the direct spring compensation, there is no change in case drain flow rates allowing for efficient use of case drain coolers
- Walking ring technology reduces wear on cam ring and vane tips
- High reliability with less moving parts than any other pump types



CONTINENTAL HYDRAULICS INC. / HYDRECO INC.

4895 12th Avenue East, Shakopee, Minnesota 55379

952.895.6400 • sales@conthyd.com • www.continentalhydraulics.com • www.hydreco.com

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