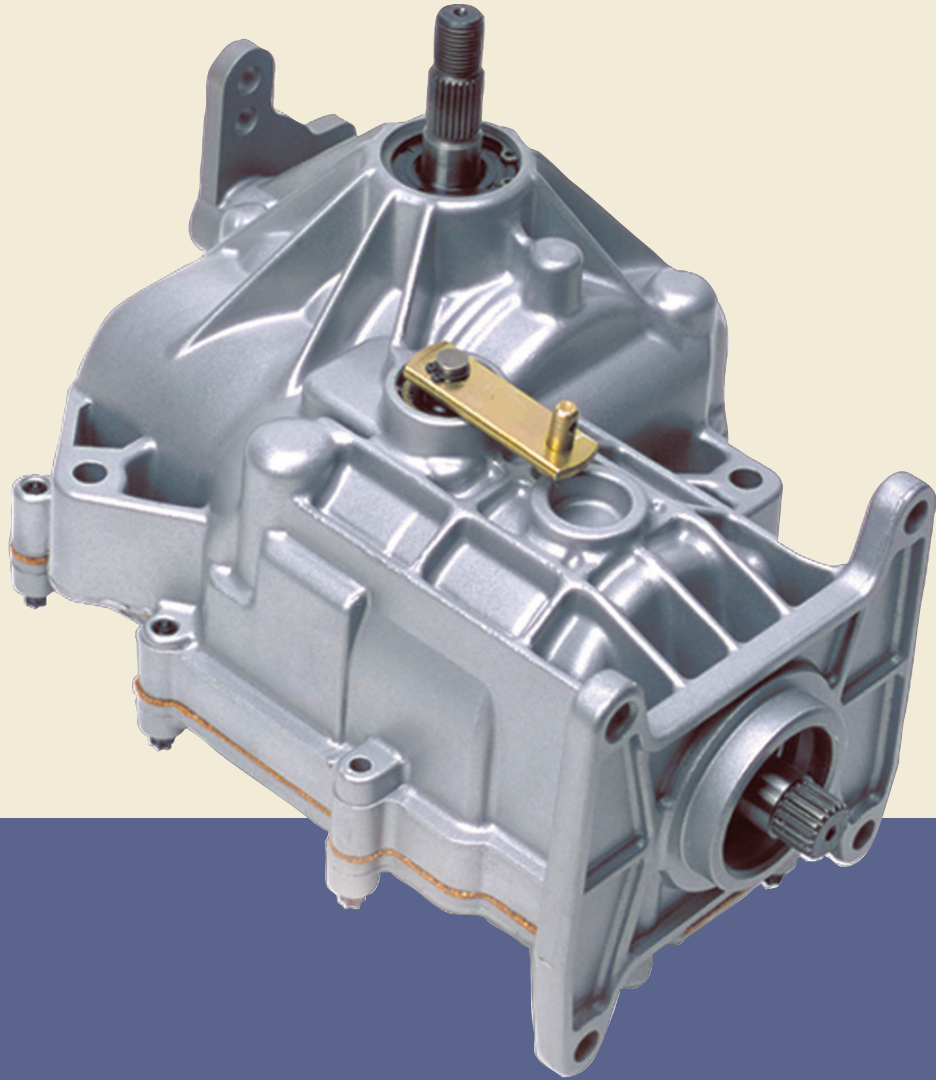


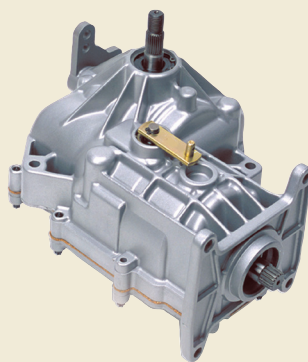
BDR

Hydrostatic Transmission



FORWARD MOTION THROUGH FORWARD THINKING®

 **HYDRO-GEAR®**
FORWARD MOTION THROUGH FORWARD THINKING



High performance and durability

Infinitely variable output speed

Bidirectional output rotation

Standard control options

Shock valve relief options

Industry leading warranty and service support

SPECIFICATIONS		BDR	
		Charged	Non-Charged
Pump Displacement	in^3/rev [cc/rev]	0.62 [10.2]	0.62 [10.2]
Motor Displacement	in^3/rev [cc/rev]	1.33 [21.8]	1.33 [21.8]
Input Speeds			
Maximum Hi-Idle [No Load]	rpm	3600	3000
Minimum [Loaded]	rpm	1800	1800
System Operating Pressure			
Continuous	psi [bar]	1000 [70]	850 [60]
Intermittent	psi [bar]	2100 [145]	2100 [145]
Case Pressure			
Continuous	psi [bar]	8 [0.6]	
Maximum@ Cold Start	psi [bar]	15 [1.0]	
Weight of Unit	lbs [kg]	15 [6.8]	15 [6.8]
Charge Pump Displacement	in^3/rev [cc/rev]	0.11 [1.9]	-
Motor Output Torque			
	lb-in/1000 psi Nm/70 bar	180 [20.3]	180 [20.3]
Control Torque Required to Stroke Pump			
Approx. 20° Stroke Angle			
	lb-in/1000 psi [Nm/70 bar]	85 [9.6]	85 [9.6]
	lb-in/500 psi [Nm/35 bar]	60 [6.8]	60 [6.8]
Transmission Oil Temperature			
Normal Operating Range	°F [°C]	-10 to 200 [-23 to 93]	
Maximum Intermittent	°F [°C]	230 [110]	
Fluid Viscosity Limits			
@230°F [110°C]			
Optimum	SUS [cSt]	70 [13]	
Minimum	SUS [cSt]	55 [9.0]	



Specifications subject to change without notice.

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