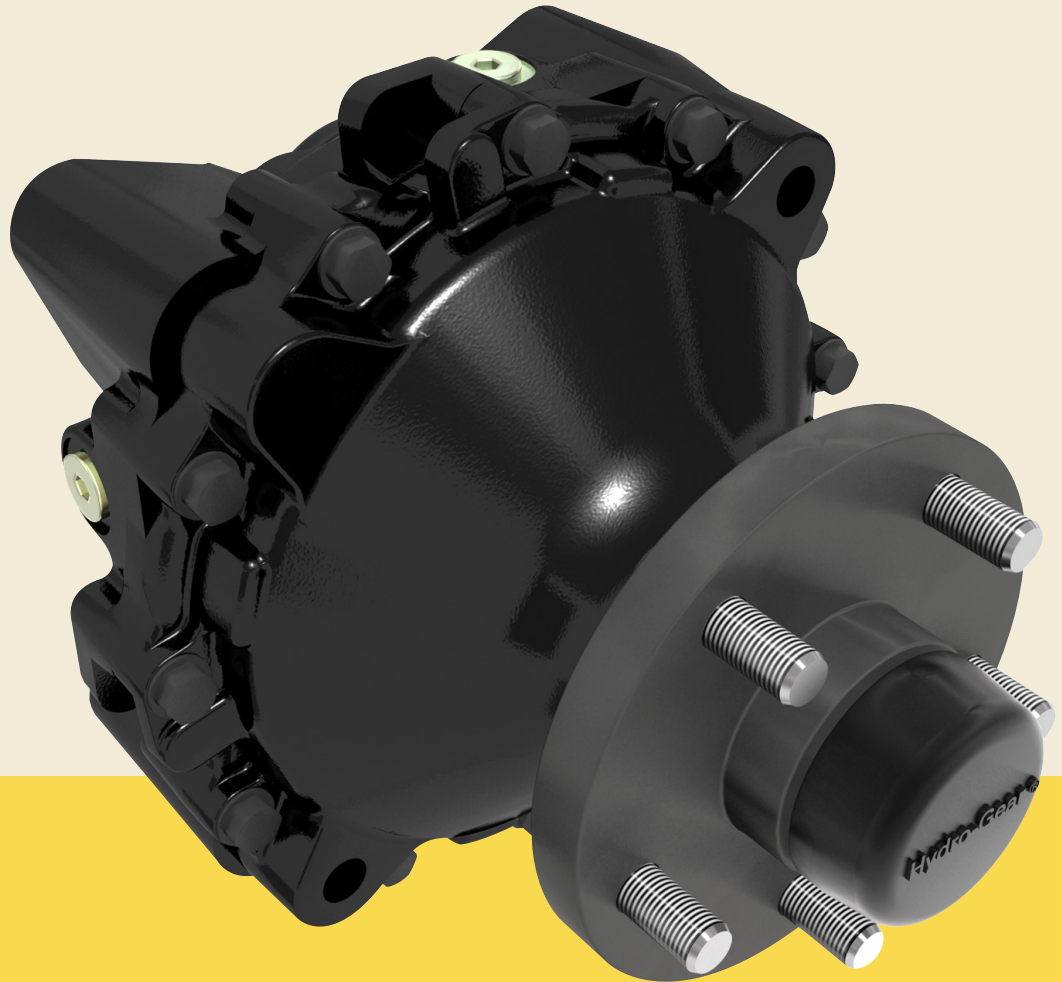


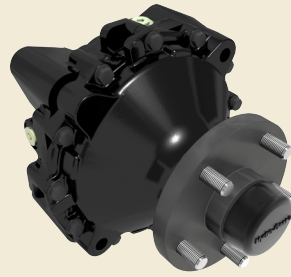
HGM-H™

LSHT PISTON MOTOR



FORWARD MOTION THROUGH FORWARD THINKING®

HYDRO-GEAR®
COMMERCIAL



Hydro-Gear® Commercial
engineered drive system

Quiet and smooth
performance

Large 1.375 inch axle shaft

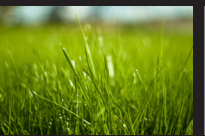
Two stage gear reduction
(planetary final)

Up to 26 inch drive tires

Black paint

Maintenance free internal
wet disc brake

Industry leading warranty
and service support



SPECIFICATIONS		HGM-H	
Geometric Displacement	<i>in³/rev [cc/rev]</i>	15 [245.81]	18 [294.97]
Maximum Speed			
<i>Continuous</i>	<i>rpm</i>	210	185
<i>Intermittent ¹⁾</i>	<i>rpm</i>	250	210
Maximum Torque ³⁾			
<i>Continuous</i>	<i>in-lbf [Nm]</i>	2700 [30]	3200 [36]
<i>Intermittent ¹⁾</i>	<i>in-lbf [Nm]</i>	4900 [55]	5900 [64]
<i>Peak ²⁾</i>	<i>in-lbf [Nm]</i>	6600 [75]	7900 [89]
Maximum Output			
<i>Continuous</i>	<i>hp [kW]</i>	9.4 [7]	
<i>Intermittent ¹⁾</i>	<i>hp [kW]</i>	20.5 [15.4]	
Maximum Pressure Drop			
<i>Continuous</i>	<i>psi [bar]</i>	1650 [114]	
<i>Intermittent ¹⁾</i>	<i>psi [bar]</i>	3000 [207]	
<i>Peak ²⁾</i>	<i>psi [bar]</i>	4000 [275]	
Maximum Oil Flow			
<i>Continuous</i>	<i>gpm [l/min]</i>	14.9 [56.4]	
<i>Intermittent ¹⁾</i>	<i>gpm [l/min]</i>	16.5 [62.4]	
Maximum Starting Pressure (with unloaded shaft)	<i>psi [bar]</i>	500 [34.5]	
Minimum Continuous Speed	<i>rpm</i>	3	
Axle Shaft Diameter	<i>in [mm]</i>	1.375 [34.925]	
Axle Shaft End Options	<i>Type:</i>	Tapered 4-Bolt Flange 5-Bolt Flange	
Parking Brake Type		Internal Wet Disc Brake	
Max. Brake Holding Torque	<i>in-lbf [Nm]</i>	6300 [711]	
Weight of Unit	<i>lb [kg]</i>	38.2 [17.3]	

1) Intermittent operation; the permissible values may occur for max. 5% of every minute.

2) Peak load: the permissible values may occur for max. < .25% of every minute.

3) 70 SUS oil at 210°F at 15 gpm and 1000 psi and 10 gpm at 3000 psi.

Specifications subject to change
without notice.

BLN-0049_P1
10/2010



A World Leader in Hydrostatic Transaxles * Axial Piston Pumps & Motors * LSHT Wheel Motors * Electric L&G Systems
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