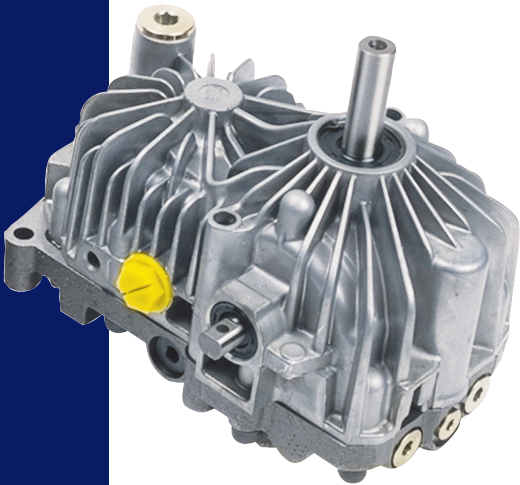


# BDU™

## FLEXIBLE MOUNTING OPTIONS

- ⚙️ Engineered for durability, the BDU provides power and performance when you need it
- ⚙️ Power through tough chores with the BDU's infinitely variable output speed
- ⚙️ Designed for a variety of products with flexible mounting options



 **HYDRO-GEAR®**

DESIGNED & ASSEMBLED IN THE USA

# EFFICIENT & RELIABLE

## SPECIFICATIONS

	10S	10L	21L
Pump Displacement	0.62 in <sup>3</sup> /rev [10.2 cc/rev]	0.62 in <sup>3</sup> /rev [10.2 cc/rev]	1.33 in <sup>3</sup> /rev [21.8 cc/rev]
Motor Displacement	0.62 in <sup>3</sup> /rev [10.2 cc/rev]	0.62 in <sup>3</sup> /rev [10.2 cc/rev]	1.33 in <sup>3</sup> /rev [21.8 cc/rev]
Input Speeds			
<i>Max Hi-idle (no load)</i>	3000 rpm	3600 rpm	3600 rpm
<i>Min (loaded)</i>	1800 rpm	1800 rpm	1800 rpm
System Operating Pressure			
<i>Continuous</i>	850 psi [60 bar]	1000 psi [70 bar]	1000 psi [70 bar]
<i>Intermittent</i>	2100 psi [145 bar]	2100 psi [145 bar]	2100 psi [145 bar]
Case Pressure			
<i>Continuous</i>	4 psi [0.3 bar]	4 psi [0.3 bar]	4 psi [0.3 bar]
<i>Max @ Cold Start</i>	10 psi [0.7 bar]	10 psi [0.7 bar]	10 psi [0.7 bar]
Unit Weight	15 lbs [6.8 kg]	15 lbs [6.8 kg]	23 lbs [10 kg]
Charge Pump Displacement	-	0.11 in <sup>3</sup> /rev [1.9cc/rev]	0.13 in <sup>3</sup> /rev [2.1 cc/rev]
Motor Output Torque			
<i>Continuous per 1000 psi/70 bar</i>	85 lb-in [9.6 Nm]	85 lb-in [9.6 Nm]	180 lb-in [20.3 Nm]
Control Torque Req'd to Stroke Pump ( <i>approx. 20° stroke angle</i> )			
<i>1000 psi     70 bar</i>	85 lb-in [9.6 Nm]	85 lb-in [9.6 Nm]	105 lb-in [11.9 Nm]
<i>5000 psi     35 bar</i>	60 lb-in [6.8 Nm]	60 lb-in [6.8 Nm]	85 lb-in [9.6 Nm]
Normal Operating Range	-10 to 200 °F [-23 to 93 °C]	-10 to 200 °F [-23 to 93 °C]	-10 to 200 °F [-23 to 93 °C]

Specifications subject to change without notice

FOR MORE INFORMATION VISIT:  
[WWW.HYDRO-GEAR.COM](http://WWW.HYDRO-GEAR.COM)



BDU-03/2018-V1