

# BDU™

**FLEXIBLE MOUNTING  
FOR MANY PRODUCTS**



**PROUDLY  
DESIGNED & ASSEMBLED  
IN THE**

**USA**



# EFFICIENT & RELIABLE

## LESS TIME WORKING, MORE TIME PLAYING

Our quiet and smooth transmissions deliver reliable power when you need it so you can spend less time working and more time playing!

	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	0.623 in <sup>3</sup> /rev [10.2 cc/rev]	0.623 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> <i>Min (loaded)</i>	3000 rpm 1800 rpm	3600 rpm 1800 rpm	3600 rpm 1800 rpm
System Operating Pressure <i>Continuous</i> <i>Intermittent</i>	850 psi [60 bar] 2100 psi [145 bar]	1000 psi [70 bar] 2100 psi [145 bar]	1000 psi [70 bar] 2100 psi [145 bar]
Case Pressure <i>Continuous</i> <i>Maximum@ Cold Start</i>	4 psi [0.3 bar] 10 psi [0.7 bar]	4 psi [0.3 bar] 10 psi [0.7 bar]	4 psi [0.3 bar] 10 psi [0.7 bar]
Weight of Unit	15 lbs [6.8 kg]	15 lbs [6.8 kg]	23 lbs [10 kg]
Charge Pump Displacement	-	0.11 in <sup>3</sup> /rev [1.9 cc/rev]	0.13 in <sup>3</sup> /rev [2.1 cc/rev]
Motor Output Torque <i>Continuous</i>	85 lb-in/1000 psi [9.6 Nm/ 70 bar]	85 lb-in/1000 psi [9.6 Nm/ 70 bar]	180 lb-in/1000 psi [20.3 Nm/ 70 bar]
Control Torque Required to Stroke Pump <i>Approx. 20° Stroke Angle</i>	85 lb-in/1000 psi [9.6 Nm/70 bar]  60 lb-in/5000 psi [6.8 Nm/35 bar]	85 lb-in/1000 psi [9.6 Nm/70 bar]  60 lb-in/5000 psi [6.8 Nm/35 bar]	105 lb-in/1000 psi [11.9 Nm/70 bar]  85 lb-in/5000 psi [9.6 Nm/35 bar]
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]

Designed for a variety of products with Flexible mounting options.

With the BDU's infinitely variable output speed, you can easily power through tough chores with precision control.

Engineered for durability the BDU provides power and performance when you need it.



BDU-FLYR-08/15-V1



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