

MDS-12K PLANETARY DRIVE - single speed

Pengo Part No. 660505 (12K, Closed Bail 45mm)

TECHNICAL SPECIFICATIONS

Motor Mount:	SAE "A" 4 BOLT
Motors:	SINGLE SPEED
Rated Output Torque:	12,000 FT-LB (16,300 N-m)
Max System Pressure:	3,000 psi (206 bar)
Max Flow:	40 GPM (151 lpm)
Output Shaft:	2" Hex Shaft (HARDENED)
Shaft Pull-Out Load:	22,500 lb (10,000 kg)
Shaft Pressure Load:	22,500 lb (10,000 kg)
Oil Capacity:	11.8 pts (5.6l)
Weight:	253 lbs (115 kg) with Hydraulic Motor
Gear Ratio:	18.74:1

Output speed and torque specifications are based on theoretical 100% values and are provided for comparative purposes only.

Reference Torque Chart

Pressure (psi)	Torque (ft/lb)
1000	4552
1200	5462
1400	6373
1600	7283
1800	8193
2000	6208
2200	9104
2400	10014
2600	11835
2800	12746
3000	13656

Reference Speed Chart

Flow (gpm)	Speed (rpm)
10	6.73
15	10.10
20	13.46
25	16.83
30	20.20
35	23.56
40	26.93

