

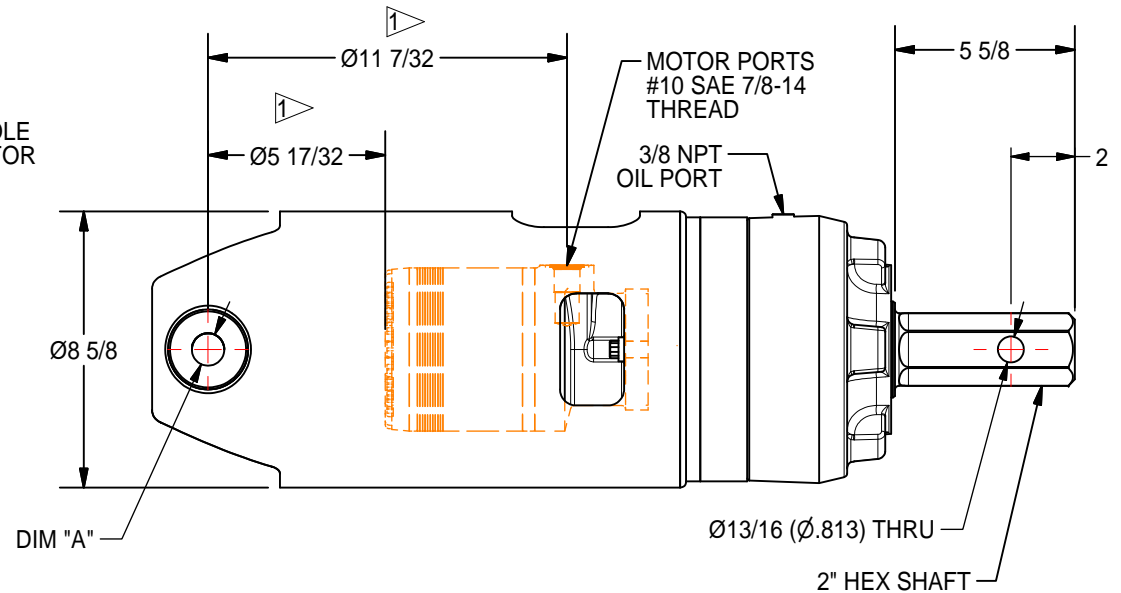
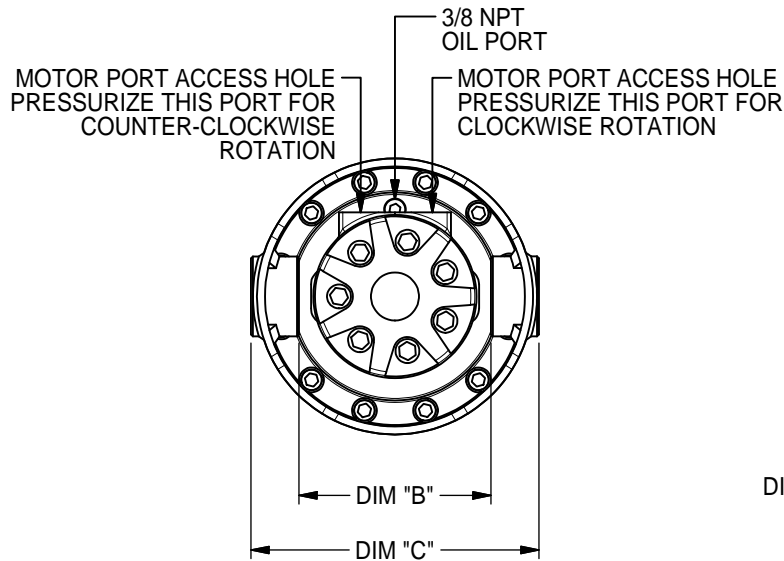


50 SERIES DRIVE HEAD

2,800 ft-lb (3,796 N-m) to 5,000 ft-lb (6,780 N-m) Maximum
 Typical Applications: Utility and Construction Industries

(913) 782-1238 (Tel)
 (913) 782-4206 (Fax)
Sales@Eskridgeinc.com
www.Eskridgeinc.com
 FORM: PS D50-AC

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NOTES: ▷

- SUBJECT TO CHANGE WITH DIFFERENT MOTORS.
- VALUES ARE SHOWN IN INCHES.

	A	B	C
CODE 1 BAIL BOSS	Ø1.01	6	9
CODE 2 BAIL BOSS	Ø1.26	6 3/8	11 3/8



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Performance Ratings

Maximum Intermittent Output Torque: 5,000 ft-lb (6,780 N-m)
 Shaft Pressure Load: 15,000 lb (6,800 kg)
 Shaft Pullout Load: 10,000 lb (4,540 kg)
 *Shaft Side loading Not Recommended
 Maximum Input Speed: 3,000 RPM
 Maximum Operating Ambient Temperature: 110°F (43°C)
 Minimum Operating Ambient Temperature: -20°F (-28°C)

Consult your Eskridge representative to determine ratings for your specific application or configuration

Oil Capacities

5005	5016
2.0 PINTS	3.0 PINTS
1.0 LITERS	1.4 LITERS

ALL UNITS WITH MOTORS SHIPPED WITH OIL
 Use EP or API GL-5 Designated Lubricants

Ordering Information
 Example Part Number: 5005-21F55

MODEL	OUTPUT SHAFT	BAIL BOSS	MOTOR SUPPLIER	MOTOR PART NUMBER
5005	2	1	F	55
5005- 5:1 REDUCTION	2- 2" HEX	1- Ø1	F- FACTORY	54- 10.2 CU. IN.
5016- 16:1 REDUCTION		2- Ø1 1/4	U- USER	55- 17.1 CU. IN.

Motor Mount Dimensions

PILOT DIMENSIONS	BOLT CIRCLE
SAE 'A' Ø3.251/3.255 ∇ .32	2X 1/2-13 UNC-2B ∇ .79 ON Ø4.188 BC

Motor Specifications:

Single Speed Hydraulic Vane Motors
 Maximum System Pressure: 3000 psi (207 bar)
 No case drain required

Approximate Unit Weight

With Motor: 150 lb (68 kg)



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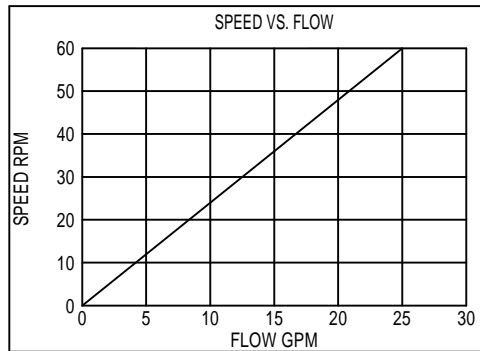
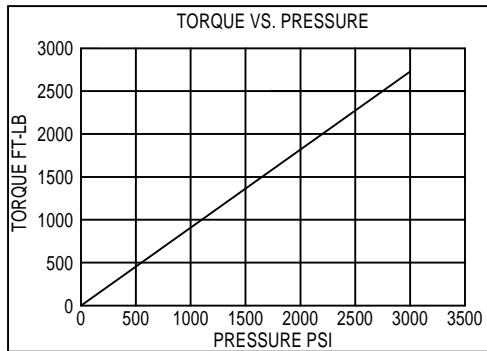
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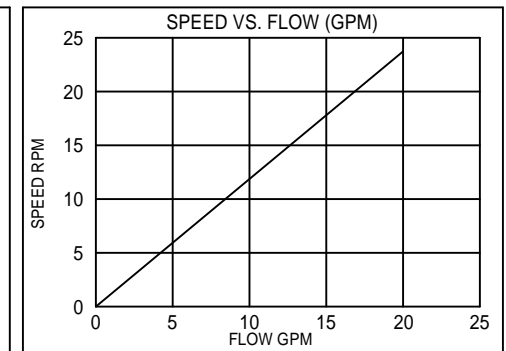
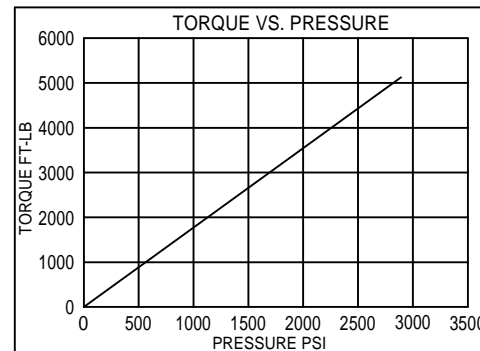
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Torque and Speed Charts:

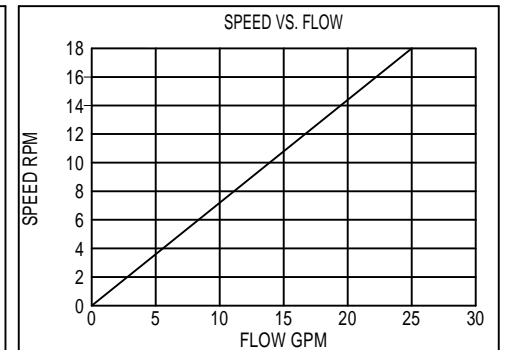
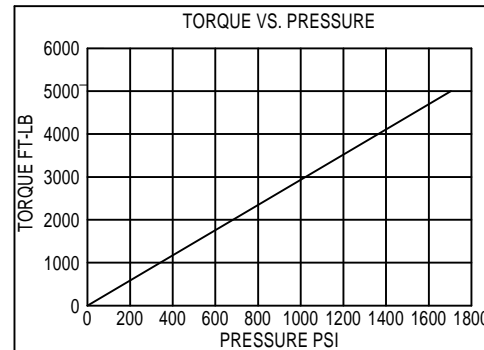
5005 With 55 Motor



5016 With 54 Motor



5016 With 55 Motor



- * Starting torques are approximately 10% less than running torque.
- * Torque and speed charts are based on analytical calculations that use average gearbox and motor efficiencies.
- * System back pressure will reduce running torque proportionally.
- * Consult Eskridge Representative for Torque and Speed Charts for your specific application.

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