

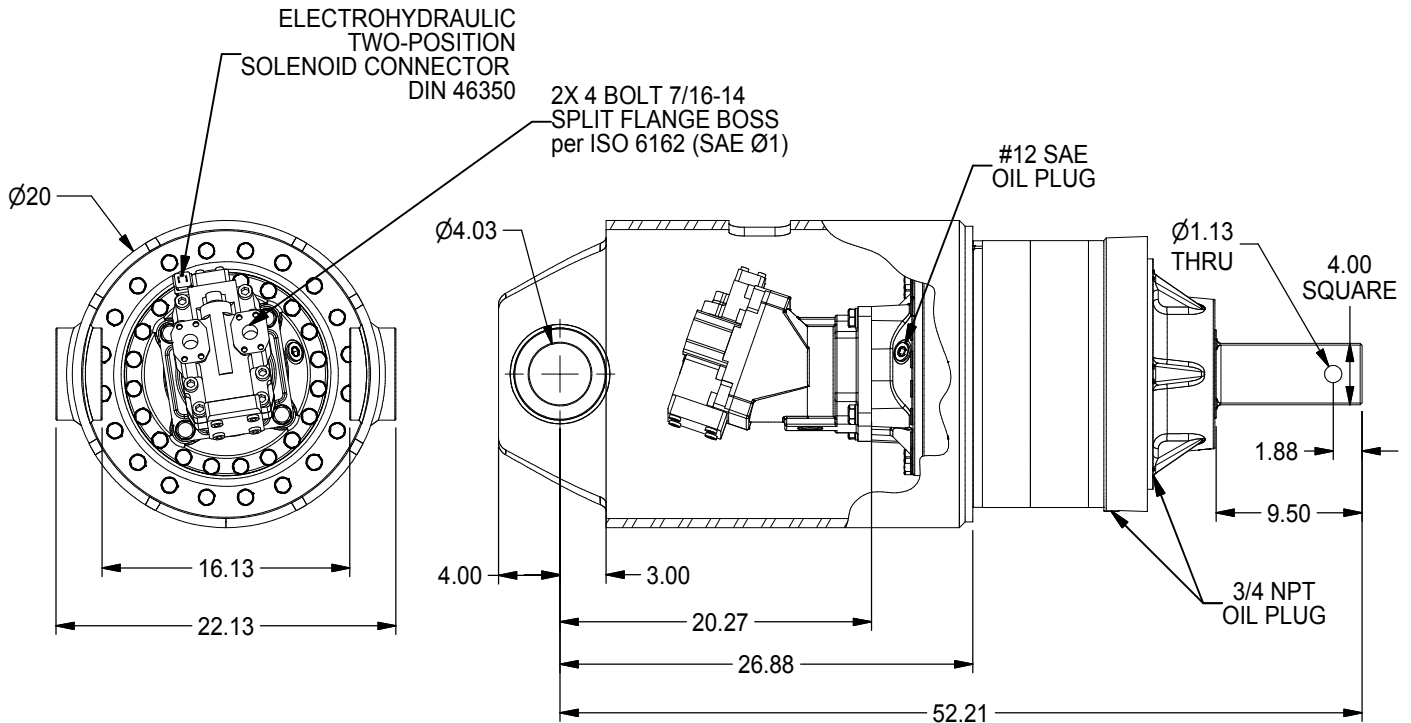


D440 Series DiggerDrive

36,000 FT-LB TORQUE

Data Sheet PSD440QD 3 10

Series D440 heavy-duty planetary drive digger is ideal for construction, anchor setting, and the utility digger markets. This digger is available in a single ratio and can be purchased with or without a motor. Eskridge has over 25 years of experience in the manufacture of DiggerDrives™.



HEAVY DUTY, HIGH EFFICIENCY, TRIPLE PLANETARY DRIVE
SHAFT SIDE LOADING NOT RECOMMENDED.

TECHNICAL SPECIFICATIONS

MOTOR MOUNT: SAE "D" 4-BOLT
MOTOR OPTION: TWO SPEED BENT AXIS PISTON WITH AXIAL PORTS
OPTIONAL MOTOR PART NUMBER: 01-304-0950
MOTOR RECOMMENDATIONS: 110CC MAX, 74CC MIN AT 5000 PSI AND 60 GPM
RATED OUTPUT TORQUES: TO 36,000 ft-lb (48,809 N-m)
MAXIMUM SYSTEM PRESSURE: 5,000 psi (345 bar)
OUTPUT SHAFT: 4 in (101.6 mm) SQUARE
SHAFT PULL-OUT: 30,000 lb (27,240 kg)
PRESSURE LOAD: 45,000 lb (22,700 kg)
OIL CAPACITY: 4.4 gal (16.8 L)
BAIL BOSS DIAMETER: 4.02 in (102.1 mm)
WEIGHT: 1,190 lb (540 kg) WITH MOTOR, 1,090 lb (494 kg) WITHOUT MOTOR

For more information regarding Planetary Diggerdrives and other innovative products, feel free to contact us at:



1900 Kansas City Road • Olathe, Kansas 66061 • USA

PHONE: (913) 782-1238 • FAX: (913) 782-4206

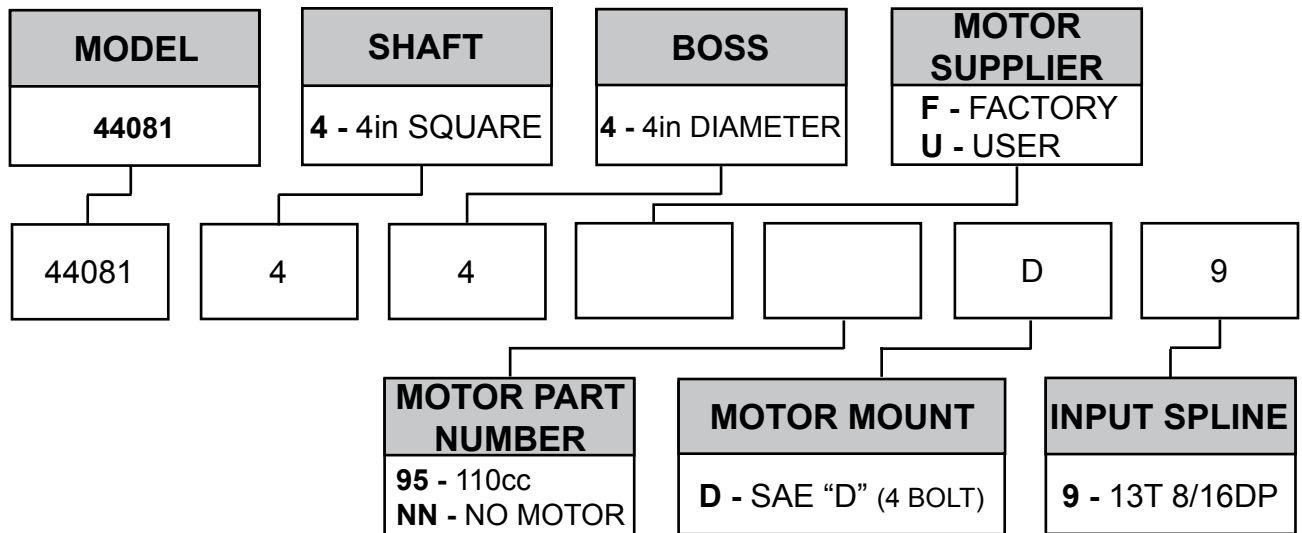
WEBSITE: www.eskridgeinc.com • E-MAIL: sales@eskridgeinc.com

Technical Data

MODEL	GEAR RATIO	MOTOR CODE	MOTOR PRESSURE	FLOW	RATED TORQUE / SPEED	
					HIGH SPEED	LOW SPEED
44081	81.25:1	95	5,000 psi (345 bar)	60 gpm (227 l/min)	21,900 ft-lb (29,690 N-m) / 38 rpm	36,000* ft-lb (48,810 N-m) / 24 rpm

*MAXIMUM INTERMITTENT VALUE.

- STARTING TORQUES ARE APPROXIMATELY 25% LESS THAN RUNNING TORQUE.
- SYSTEM BACK PRESSURE WILL REDUCE THE RUNNING TORQUES PROPORTIONALLY.
- BACK PRESSURE SHOULD BE LIMITED TO 100 psi (6,9 bar).
- HIGH ALLOY HEAT TREATED BAIL BOSS PINS REQUIRED (CUSTOMER PROVIDED).



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