

CS6 AND CS8 SERIES

CLUTCH SHIFT POWER TAKE-OFF



DESIGNED FOR VERSATILITY

Designed to work on Allison 1000 and 2000 Series automatics and many other current manual transmissions, the CS6 and CS8 Series power take-offs offer direct mount pump options and a drag brake.



TARGET MARKETS

- Dump
- Tow and Recovery
- Refuse
- Utility
- Snow and Ice

KEY FEATURES

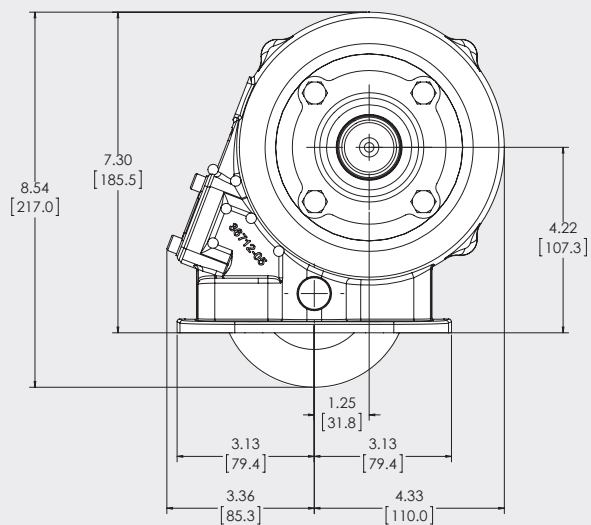
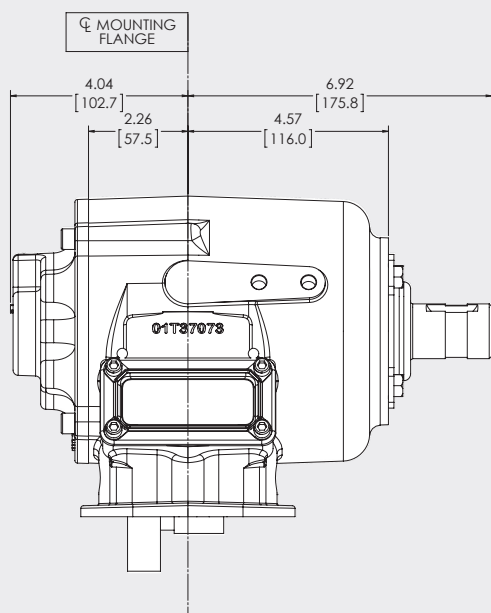
- Transmission input gears: Fits most popular automatic and manual transmissions
- Versatility for remote pump drives: Three remote mount output shafts in keyed and flange types
- Fits most popular pumps: SAE "A", "B", and "BB"; DIN 5462 direct mount pump options
- Rotatable direct mount flanges allows pump to be positioned for maximum clearance
- Muncie drag brake prevents shaft rotation in the OFF mode
- Optional pulse generator: System Protection Device monitors PTO shaft speed
- Available with integral solenoid for use with automatic transmissions

PTO TORQUE & HORSEPOWER RATINGS

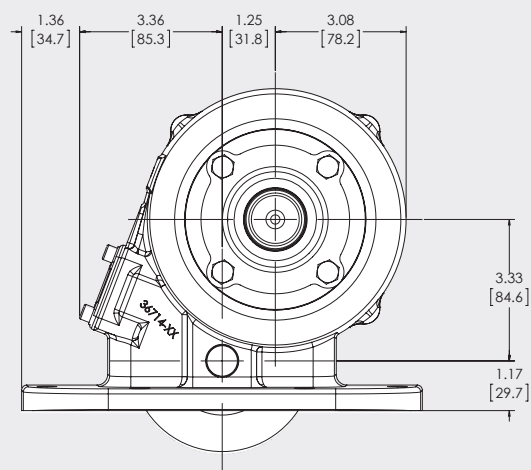
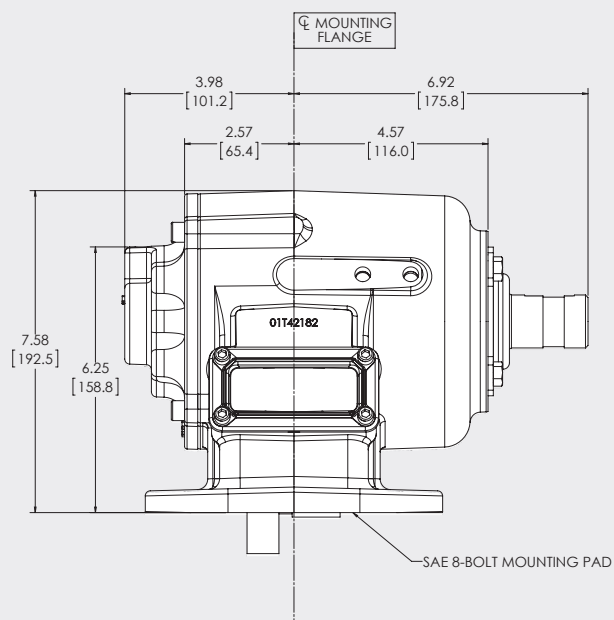
SPEED RATIO	INTERMITTENT HP (KW) @ 1,000 RPM	INTERMITTENT TORQUE LBS.FT. (NM)	CONTINUOUS TORQUE LBS.FT. (NM)
03	57 (43)	300 (407)	210 (285)
04	57 (43)	300 (407)	210 (285)
05	57 (43)	300 (407)	210 (285)
06	57 (43)	300 (407)	210 (285)
07	57 (43)	300 (407)	210 (285)
09	52 (39)	275 (373)	193 (261)
12	52 (39)	275 (373)	193 (261)

Approximate Weights: 47–49 lbs. (21.3–22.2 Kg.)

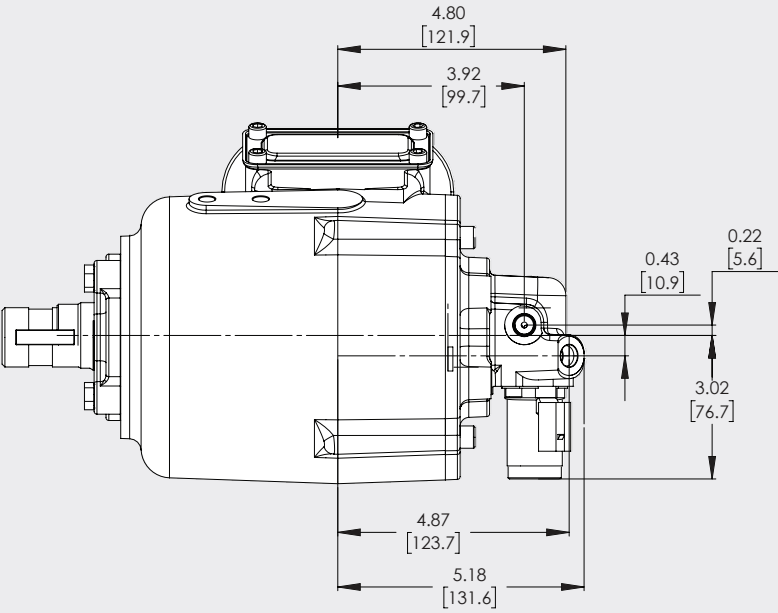
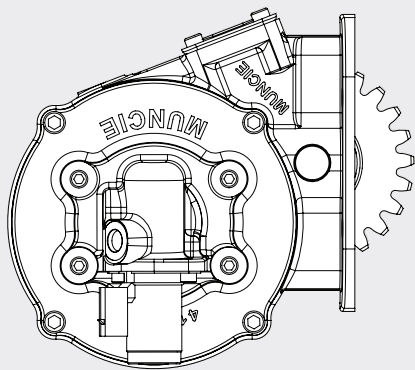
CS6 DIMENSIONS



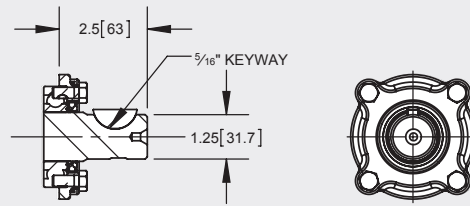
CS8 DIMENSIONS



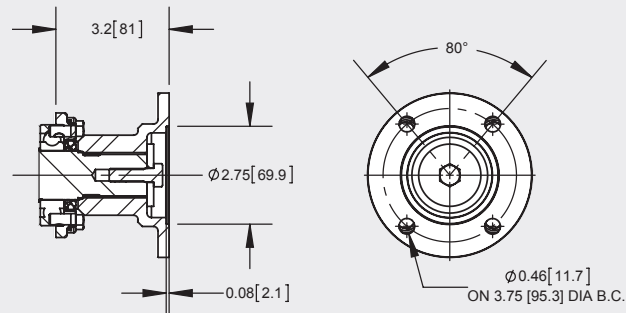
CS6S DIMENSIONS



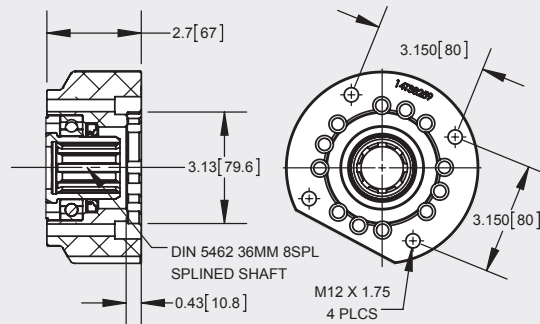
OUTPUT OPTIONS



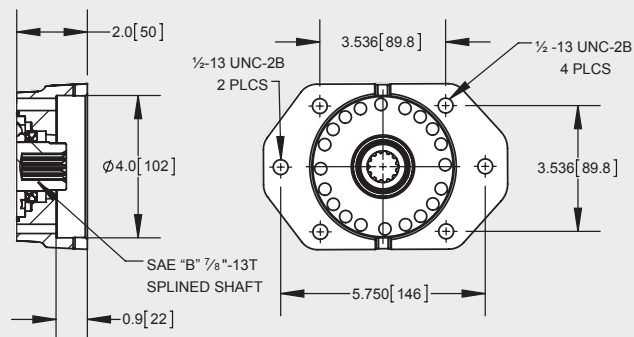
"B" OUTPUT – 1¼" RD SHAFT W/ $\frac{5}{16}$ " KEY



"C" OUTPUT – 1410 COMPANION FLANGE

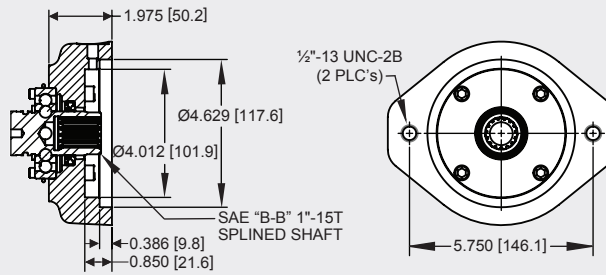


"I" OUTPUT – DIN 5462

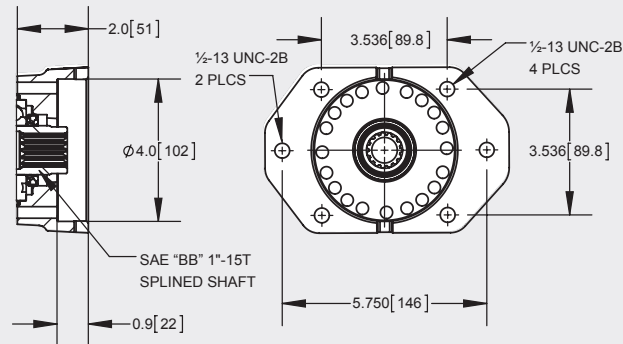


"K" OUTPUT – SAE "B" 2/4-BOLT

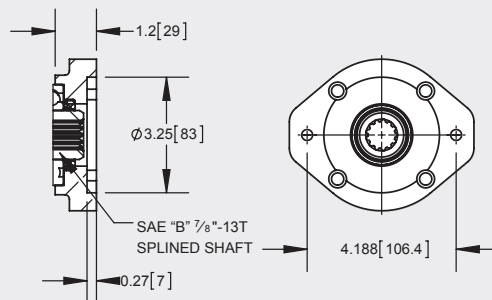
OUTPUT OPTIONS (CONT)



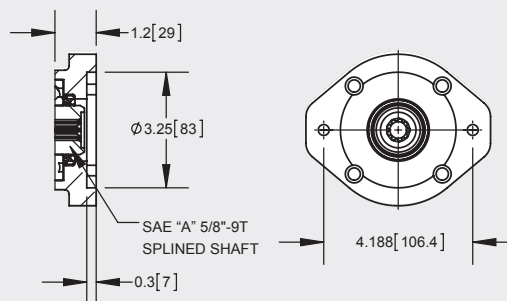
"L" OUTPUT – SPECIAL (USED WITH LOW-BOX)



**"P" OUTPUT – SAE "B" 2/4-BOLT FLANGE
 SAE "BB" 1" -15T SPLINED SHAFT**

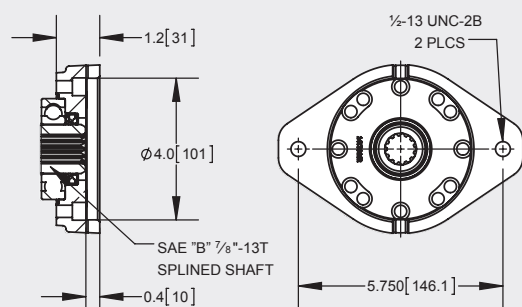


**"Q" OUTPUT – SAE "A" 2-BOLT FLANGE
 SAE "B" 7/8" -13T SPLINED SHAFT**

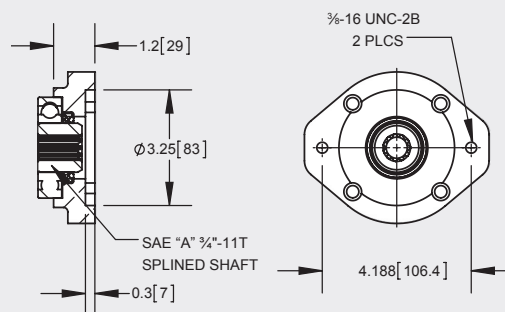


**"R" OUTPUT – SAE "A" 2-BOLT FLANGE
 SAE "A" 5/8" -9T SPLINED SHAFT**

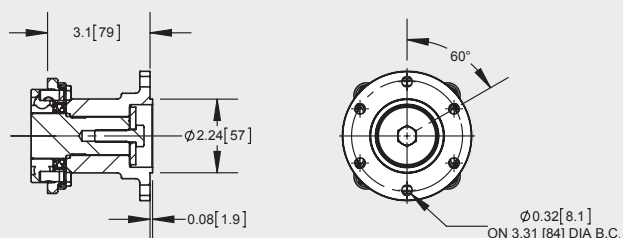
OUTPUT OPTIONS (CONT)



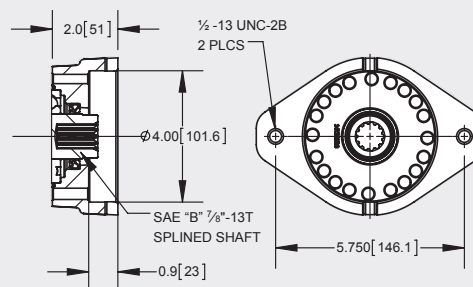
"S" OUTPUT – SAE "B" 2-BOLT



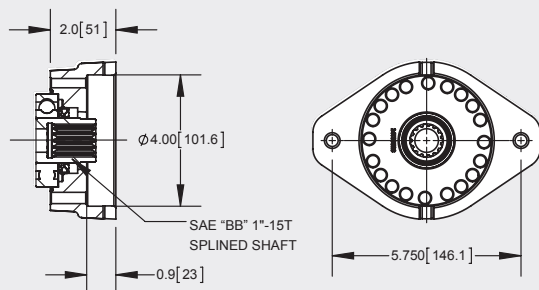
**"T" OUTPUT – SAE "A" 2-BOLT FLANGE
SAE "A" $\frac{3}{4}$ " - 11T SPLINED SHAFT**



"2" OUTPUT – DIN 100 COMPANION FLANGE



"6" OUTPUT – SAE "B" 2-BOLT SPECIAL



**"7" OUTPUT – SAE "B" 2-BOLT SPECIAL
FLANGE SAE "BB" 1" -15T SHAFT**

MODEL NUMBER CONSTRUCTION

CS 6S-M65 07-E 1 B X

PTO Series

CS — Clutch Shift (Standard Drag Brake)

Mounting Options

6B — SAE 6-Bolt Std. Mtg. — Metric Studs
 6D — SAE 6-Bolt Non-Std. Mtg.
 6S — SAE 6-Bolt Std. Mtg.
 8B — SAE 8-Bolt Ste. Mtg. — Metric Studs
 8D — SAE 8-Bolt Non-Std. Mtg.
 8S — SAE 8-Bolt Std. Mtg.
 8S — SAE 8-Bolt Non-Std. Mtg. — Metric

Transmission Input Gear Options *

I84 — Aisin	8.46P 20° PA Spur
A67 — Allison	6.86P 20° PA Spur
M65 — Mack	6.48P 17.5° PA Spur
S68 — Spicer	6P or 6/8P 20° PA Spur Deep Reach
U60 — Universal	6P 20° PA Spur
U68 — Universal	6P or 6/8P 20° PA Spur

Speed Ratios

03 — 0.33:1
 04 — 0.44:1
 05 — 0.47:1
 07 — 0.71:1
 09 — 0.87:1
 12 — 1.15:1

Notes:

* Not all combinations are available for input gear options. Refer to the application catalog or the service parts list for additional information.

** Integral Solenoid Shift CS6 Only.

Special Feature Options

X — None
 C — Pulse Generator/Pressure Lube/SPD-2000
 P — Pressure Lube
 R — Pulse Generator/No Pressure Lube
 S — Pulse Generator/Pressure Lube
 2 — 2021 & Later Hino (S Shift Type Only)

Output Options

B — 1¼" Round Keyed Shaft
 C — 1410 Companion Flange
 I — 36mm -8T, DIN 5462 (Euro)
 K — SAE "B" ⅞" -13T, SAE "B" 2- & 4-Bolt
 L — 1" -15T, Low-Box Mount
 P — SAE "BB" 1" -15T, SAE "B" 2- & 4-Bolt
 Q — SAE "B" ⅞" -13T, SAE "A" 2-Bolt
 R — SAE "A" ⅝" -9T, SAE "A" 2-Bolt
 S — SAE "B" ⅞" -13T, SAE "B" 2-Bolt
 T — SAE ¾" -11T, SAE "A" 2-Bolt
 2 — DIN 100 Companion Flange
 6 — SAE ⅞" -13T, SAE "B" 2-Bolt Special
 7 — SAE 1" -15T, SAE "BB" 2-Bolt Special

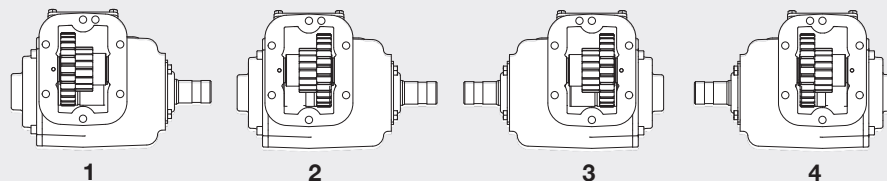
Assembly Arrangements

1 — Right Side Shaft Low
 2 — Right Side Shaft Low, Gear to Rear
 3 — Left Side Shaft Low
 4 — Left Side Shaft Low, Gear to Rear

Shift Options

A — Manual Air
 B — 12 V Electric/Hydraulic (I84 Only)
 D — 12 V Electric/Hydraulic 2013 Ram
 E — 12 V Electric/Air
 G — 12 V Electric/Hydraulic Ram (2014+ Gas or Diesel Integral Solenoid) (I84 Only)
 H — 12 V Electric/Hyd. (Auto Trans. Only)
 J — 24 V Electric/Hyd. (Auto Trans. Only)
 N — 12 V Electric/Hydraulic** (1 Arr. PTO, Left Side; 3 Arr. PTO, Right Side Integral Solenoid) (A67/I84 Only)
 P — Manual Air Shift Less Activation Controls
 R — 24 V Electric/Hydraulic ** (Integral Solenoid) (I84 Only)
 S — 12 V Electric/Hydraulic ** (Integral Solenoid) (A67/I84 Only)
 U — Hydraulic Shift** Less Activation Controls (Integral Solenoid)
 2 — 12 V Electric/Hydraulic GM 4500-6500 (2019 & Later) & International CV

ARRANGEMENTS





**Muncie®
Power
Products**

A Member of the Interpump Group

MP15-25 (Rev. 02-25)

201 East Jackson Street, Muncie, Indiana 47305
800-367-7867 • Fax: 765-284-6991 • info@munciepower.com

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