

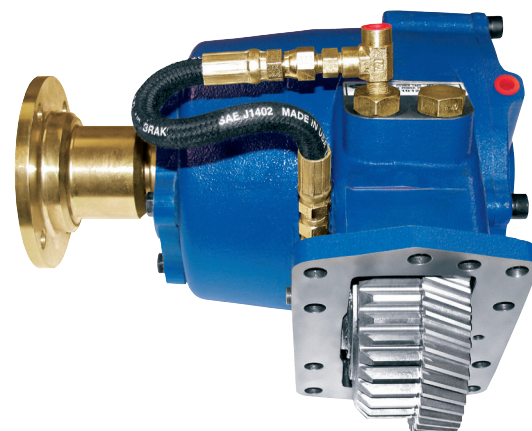
# CS40/41 SERIES

## CLUTCH SHIFT POWER TAKE-OFF



### HIGHEST OUTPUT TORQUE AVAILABLE

When you need the max power from an Allison 3000 or 4000 transmission, the CS40/41 Series power take-off delivers. Constructed with the widest gears possible, the CS40/41 is built for maximum strength, noise reduction, durability, and the highest output torque rating available.



### KEY FEATURES

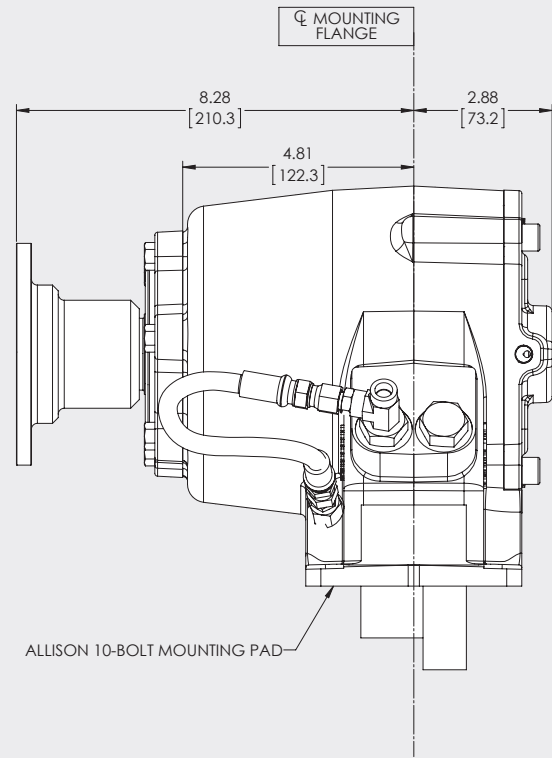
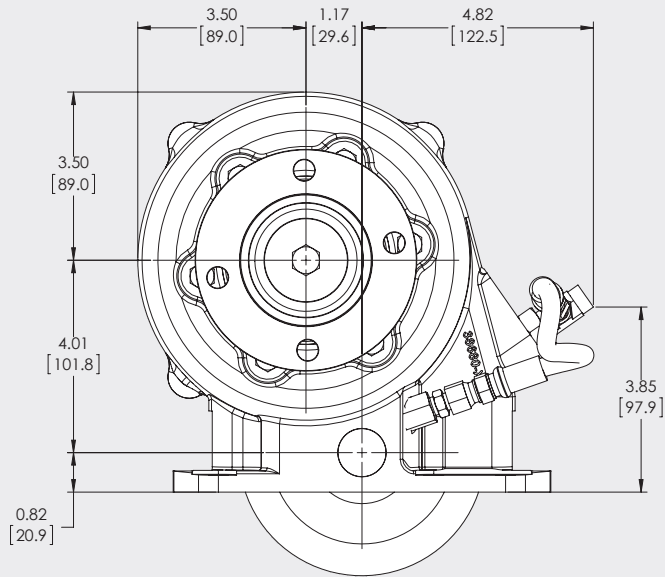
- Precision ground gears allow for high torque capacity with quiet operation
- Extra large bearings and components provide high torque and durability
- Available for remote pump options, use the 1410 Series remote mount output shaft
- SAE "C" and DIN 5462 direct mount options fit most popular pumps requiring high power input
- Rotatable direct mount flanges allows pump to be positioned for maximum clearance
- Two assembly arrangements allow the PTO to be mounted shaft high or low on either side of the transmission
- Standard pressure lubrication at no extra cost
- The CS40/41 is now rated up to 4,000 RPM for fire pump applications
- Available with **Muncie Start®**—an electronically controlled, modulated clutch engagement system that eliminates torque spikes upon start-up for high-inertia loads

### PTO TORQUE & HORSEPOWER RATINGS

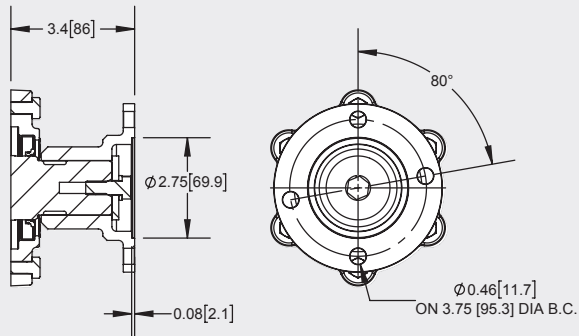
| SPEED RATIO | INTERMITTENT HP @ 1,000 RPM | INTERMITTENT TORQUE LBS.FT. | CONTINUOUS TORQUE LBS.FT. | INTERMITTENT [KW] @ 1,000 RPM | INTERMITTENT TORQUE [NM] | CONTINUOUS TORQUE [NM] |
|-------------|-----------------------------|-----------------------------|---------------------------|-------------------------------|--------------------------|------------------------|
| 07          | 114                         | 600                         | 420                       | [85]                          | [813]                    | [569]                  |
| 10          | 103                         | 545                         | 382                       | [76]                          | [739]                    | [517]                  |
| 12          | 93                          | 490                         | 343                       | [70]                          | [664]                    | [465]                  |

Approximate Weight: 69 lbs. (31.3 Kg.)

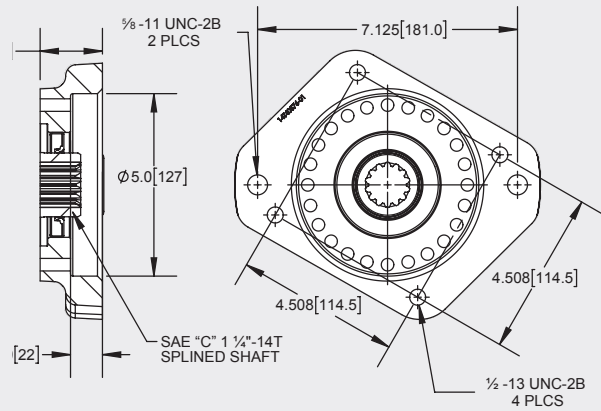
## DIMENSIONS



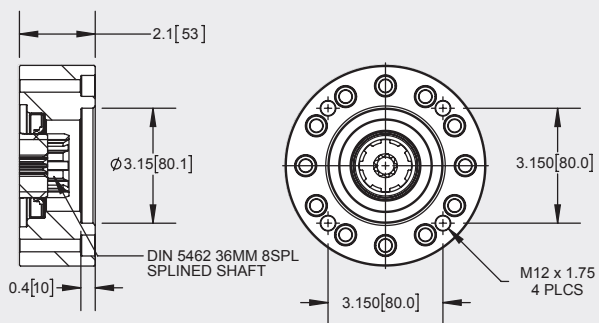
## OUTPUT OPTIONS



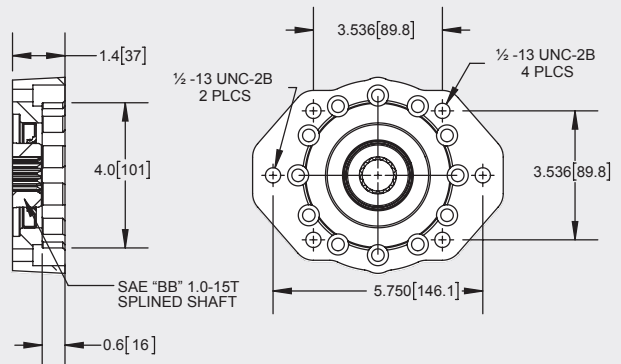
"C" OUTPUT - 1410 COMP FLANGE



“E” OUTPUT - SAE “C” 2/4-BOLT

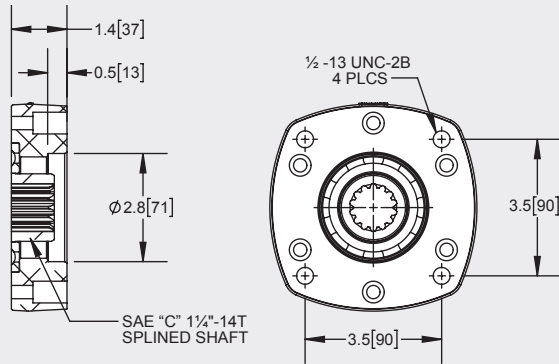


## "I" OUTPUT - DIN 5462

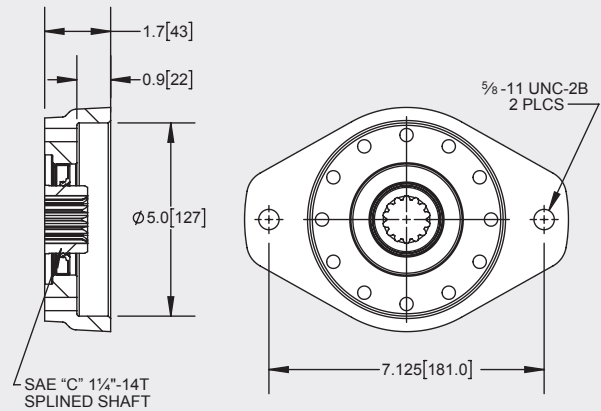


“P” OUTPUT - SAE “B” 2/4-BOLT FLANGE  
SAE “BB” 1”-15T SHAFT

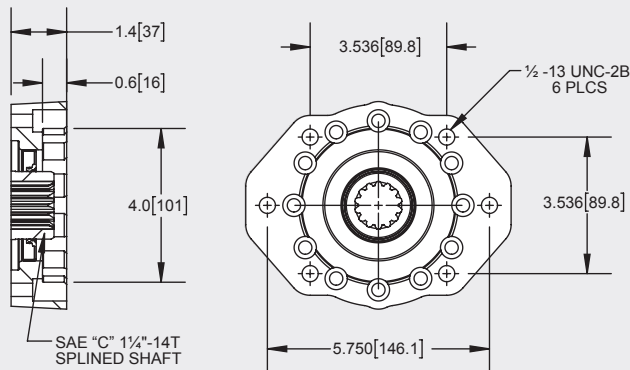
## OUTPUT OPTIONS



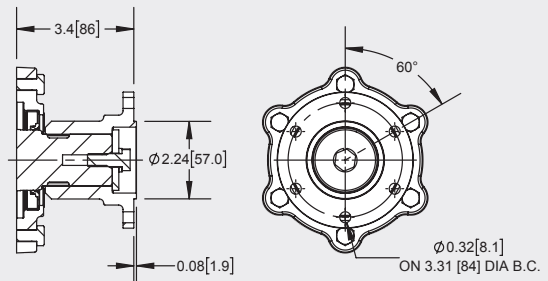
“V” OUTPUT - FOR MUNCIE EXTENDED SHAFT



“Y” OUTPUT - SAE “C” 2-BOLT



“Z” OUTPUT - SAE “B” 2/4-BOLT FLANGE  
SAE “C” 1 1/4\"-14T SHAFT



“2” OUTPUT - DIN100 COMP FLANGE

## MODEL NUMBER CONSTRUCTION

### CS41-A1007-H3CX

#### PTO Type

Clutch Shift — CS

#### Mounting

10-Bolt Mount — 40

10-Bolt Mount — Remote Solenoid — 41

#### Transmission

Allison 10.16P RH — A10

#### Speed Ratio

07 — 0.74:1

10 — 1.06:1

12 — 1.20:1

#### Shifter Type

Electric Hydraulic 12V — H

Electric Hydraulic 24V — J

#### Special Features

X — None

B — Hose Kit (HD Trans. R.S.)

D — Pulse Gen. & SPD1001D

U — Pulse Generator

3 — Spl. Hose Kit 17"

6 — **Muncie Start**® Stationary or Mobile

#### Output Types

C — 1410 Comp. Flange

E — SAE “C” 2- or 4-Bolt

I — DIN 5462

P — SAE “BB” 2- & 4-Bolt

V — For Muncie Extended Shaft\*

\*Extended Shaft not included

Y — SAE “C” 2-Bolt Only

Z — SAE “C” Shaft, SAE “B” Flange

2 — DIN Comp. Flange

#### Assembly Arrangement

1

3



**Muncie®  
Power  
Products**

*A Member of the Interpump Group*

MP15-23 (Rev. 08-20)

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