

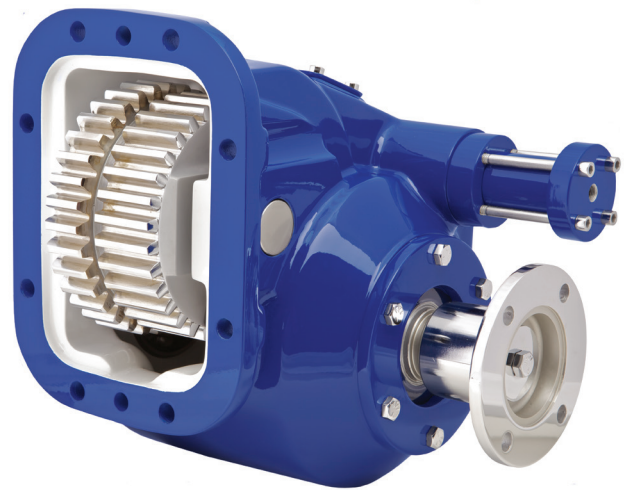
82 SERIES

POWER TAKE-OFF



BUILT FOR HEAVY DUTY APPLICATIONS

Built for high torque and heavy duty requirements, the 82 Series power take-off features a lever or air shift cast iron housing and a single or dual optional hydraulic pump mount.



KEY FEATURES

- Up to 500 lb.ft. torque capacity and 95 H.P. @ 1,000 RPM: Power to drive high volume pumps, high CFM blowers
- Double acting air shift: Positive engagement and disengagement
- Two companion flange output types: Versatility for remote pump and mechanical drives
- Six direct mount pump options: S.A.E. "B", "BB", "C", and DIN 5462 mounts
- Rotatable direct mount flanges: Allows pump to be positioned for maximum clearance

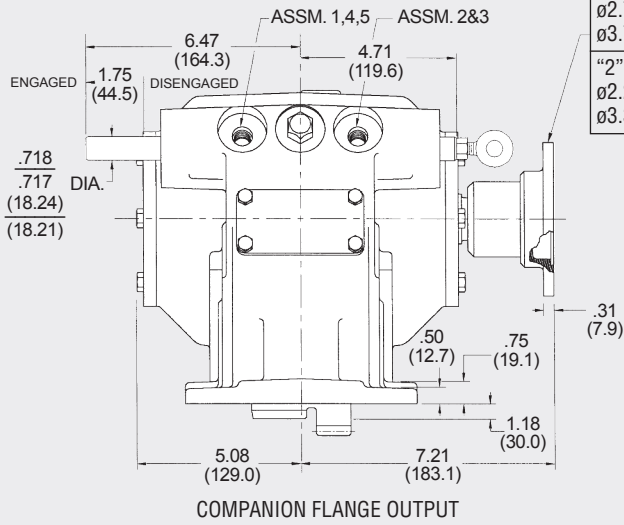
PTO TORQUE & HORSEPOWER RATINGS

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]
05	95	500	350	[71]	[678]	[475]
06	85	450	315	[63]	[610]	[427]
08	85	450	315	[63]	[610]	[427]
09	78	410	287	[58]	[556]	[389]
10	78	410	287	[58]	[556]	[389]
12	71	375	263	[53]	[508]	[356]
13	71	375	263	[53]	[508]	[356]
15	67	350	245	[50]	[475]	[332]
19	57	300	210	[43]	[407]	[285]

Approximate Weight: 85 lbs. (38.6 Kg.)

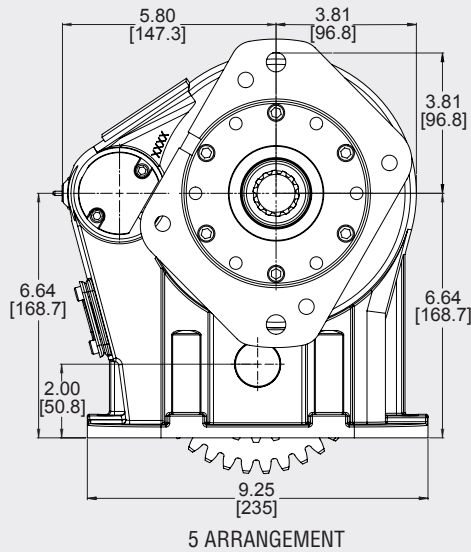
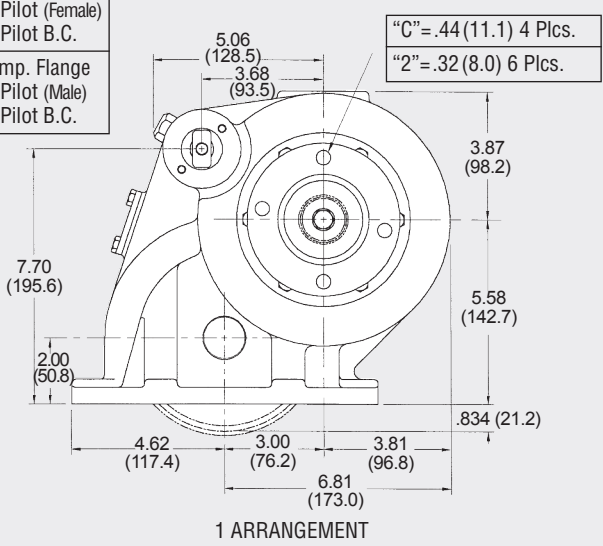
DIMENSIONS

POSITIVE SHIFT INDICATOR LIGHT SWITCH LOCATION

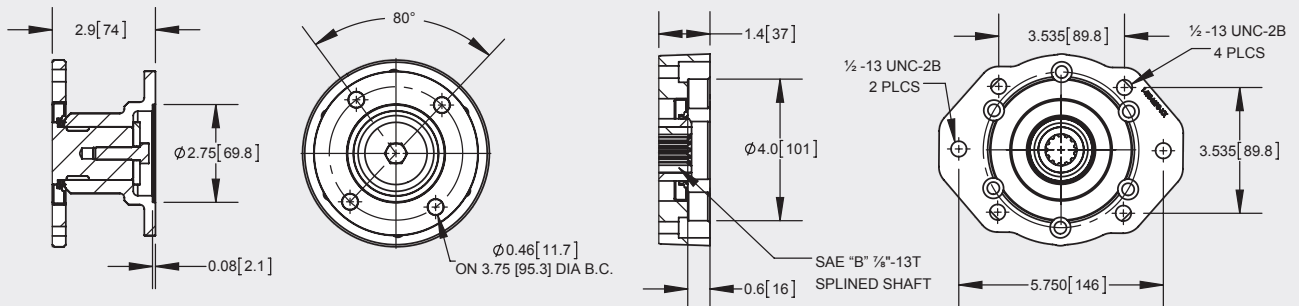


"C"=1410 Series
 ø2.75(70.0)Pilot (Female)
 ø3.75(95.1)Pilot B.C.

"2"=DIN Comp. Flange
 ø2.24(57.0)Pilot (Male)
 ø3.31(84.0)Pilot B.C.



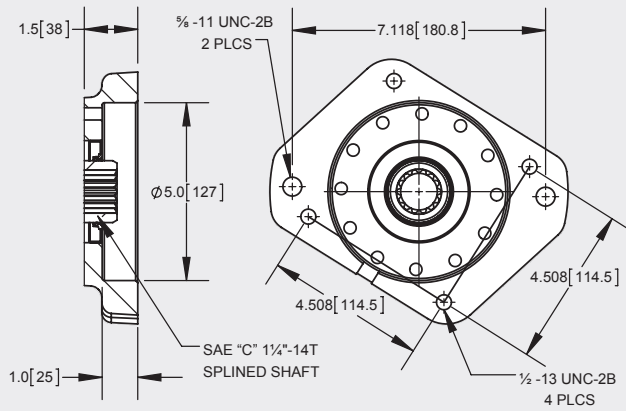
OUTPUT OPTIONS



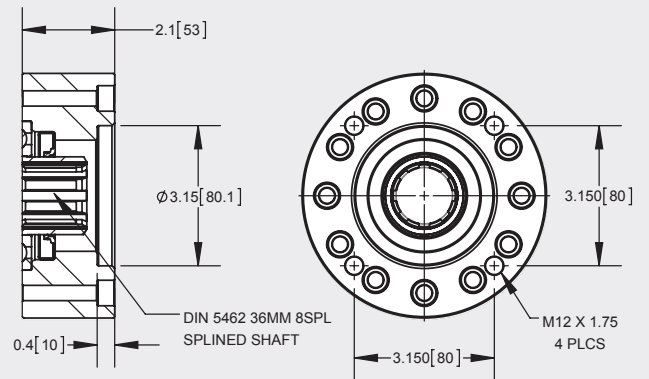
"C" OUTPUT - 1410 COMPANION FLANGE

"D" OUTPUT - SAE "B" 2/4-BOLT

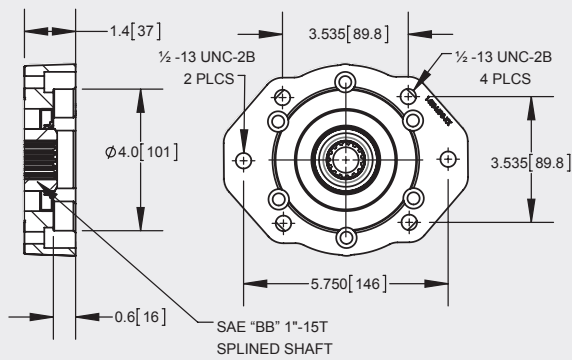
OUTPUT OPTIONS



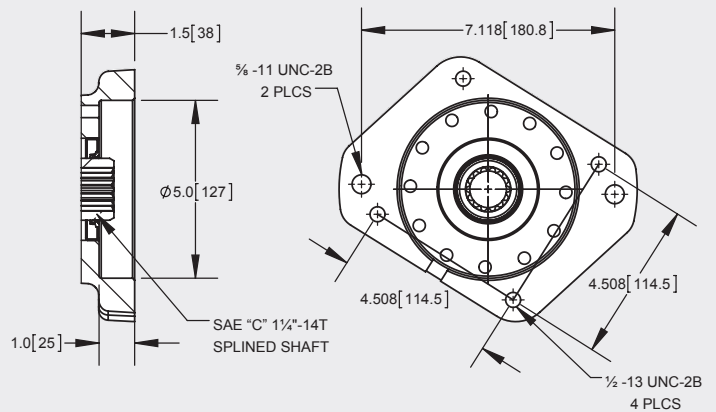
"E" OUTPUT - SAE "C" 2/4-BOLT



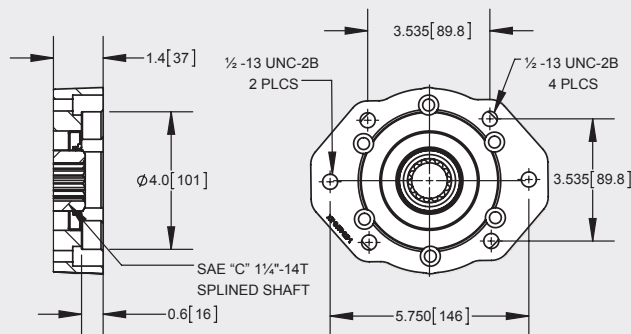
"I" OUTPUT - DIN 5462



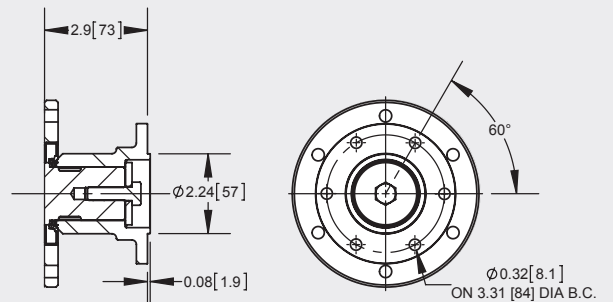
"P" OUTPUT - SAE "B" 2/4-BOLT FLANGE
SAE "BB" 1"-15T SHAFT



"U" OUTPUT - SAE "C" 2/4-BOLT FLANGE
DUAL OUTPUT (Constant Mesh "M" Only)



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



"2" OUTPUT - DIN100 COMPANION FLANGE

MODEL NUMBER CONSTRUCTION

82 8S-U68-05 L-1-C-X

PTO Type

8-Bolt 82 Series — 82

Mounting

SAE 8-Bolt Std. Mtg. — 8S
 SAE 8-Bolt Std. Mtg. — Metric Studs — 8B
 SAE 8-Bolt Std. Mtg. — Less Stud Kit — 8L
 SAE 8-Bolt Std. Mtg. — Special Roller Bearing — 8R
 SAE 8-Bolt Non-Std. — Eaton — 8F

Transmission 82 Gear Data

Eaton	8.048P 20PA 28.98 RH	-E80
Fuller	10.1P 21.5° PA Spur	-F11
Fuller	6 or 6/8P 20° Spur	-F68
Mack	6.48P 17° 30' Spur	-M65
Spicer	7P 17.5° 28° 4' 23" LH	-S70
Universal	5 or 5/7P 20° Spur	-U57
Universal	6P 25° Spur	-U62
Universal	6 or 6/8P 20° Spur	-U68

Speed Ratio

05 — .47:1	
08 — .75:1	
09 — .93:1	13 — 1.33:1
10 — 1.00:1	15 — 1.50:1
12 — 1.15:1	19 — 1.89:1

Special Features

X — None
 G — Greaseable Output Shaft
 (EG, PG, ZG Only)
 P — Pressure Lubrication

Output Types

C — 1410 Companion Flange
 D — SAE "B"
 E — SAE "C"
 I — DIN 5462
 P — SAE "BB" (Same as DW/1"-15spl)
 U — SAE "C" (Double Output Flanges)
 Z — SAE "C" Shaft/SAE "B" Flange
 2 — DIN Companion Flange

Assembly Arrangement

1 2 3 4 5 7

Shifter Type

R — Double Acting Manual Air
 L — Lever
 M — Constant Mesh
 S — Double Acting Electric/Air
 T — Air Shift (less activation controls)