

TRUCK PARTS

PRODUCTS CATALOG

POWER TAKE-OFF & HYDRAULIC SOLUTIONS

- ◆ Mechanical PTOs
- ◆ PTOs For Allison
- ◆ PTO Accessories
- ◆ Gear Pumps
- ◆ Other Truck Accessories

Future success belongs to quality leader.

SHANGHAI PERFORMANCE TECHNOLOGY CO., LTD.

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Mechanical PTOs

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PTO1000 & PTO1010 Series — high-performance,
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A2

PTOs For
Allison

PTOs For Allison

PTO267 / PTO852 / PTO880 Series — constant
mesh & heavy-duty PowerShift units for Allison
transmissions.



A3

PTO
Accessories

PTO Accessories

Air shift controls, cables, brackets & installation
kits.

To request our product catalogue, please contact our sales team.



A4

Gear
Pumps

Gear Pumps

Aluminum & cast-iron hydraulic gear pumps for
truck-mounted systems.

To request our product catalogue, please contact our sales team.



A5

Other
Accessories

Other Truck Accessories

Control valves, hose kits & hydraulic
components.

To request our product catalogue, please contact our sales team.





SECTION A1

Mechanical PTOs

High-performance power take-offs with convenient pneumatic shift systems, engineered for smooth operation and heavy-duty applications.

PTO489 Series

PTO442 Series

PTO2000 Series

PTO2010 Series

PTO1000 / PTO1010 Series

For other product requirements, please contact our sales team.
如有其他产品需求请联系公司销售

A1-1: PTO489 Series



The 489 Series PTO is high-performance power take-offs with a convenient pneumatic shift system for smooth operation. Its 8-bolt design offers excellent adaptability, compatible with major manual transmissions like Eaton Fuller, Tremec, and Mack. Crafted from high-strength cast iron with heavy-duty bearings, it ensures stable performance in harsh application conditions.



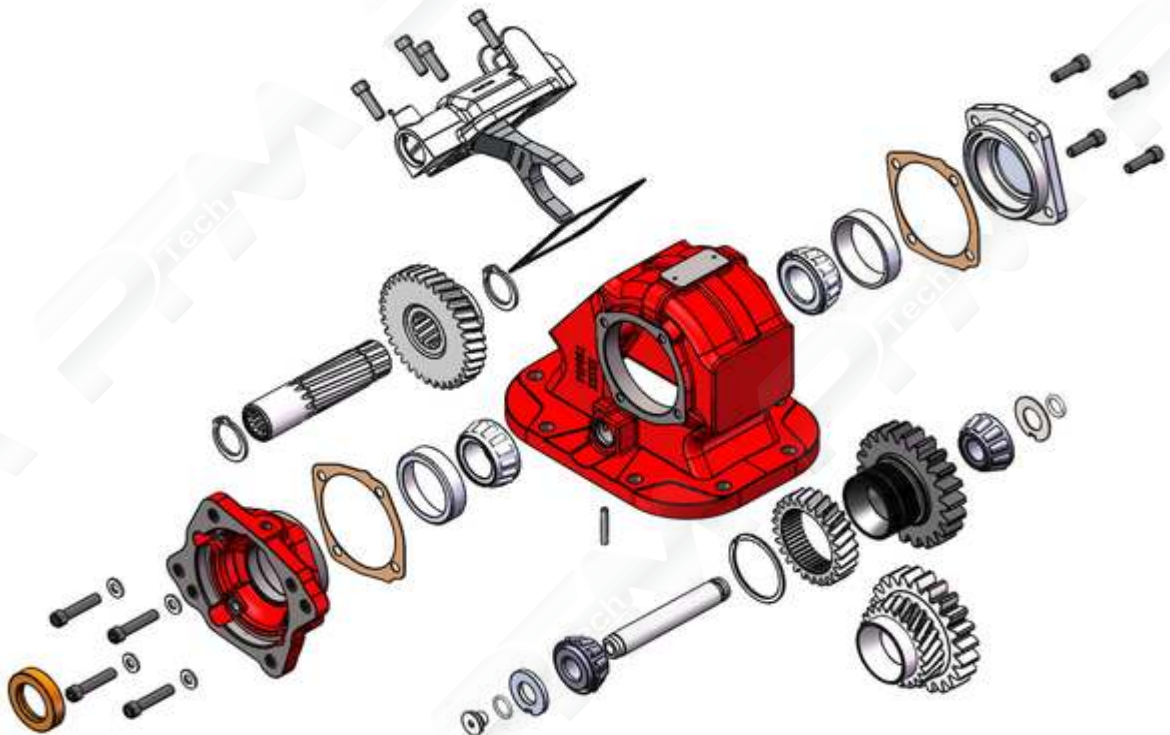
Key Features

- 8-bolt mounting configuration
- Pneumatic shift actuation
- One-piece cast iron construction
- Multiple gear ratios & output options
- 100 % part-by-part interchangeable
- Deep-mount design for Mack transmissions

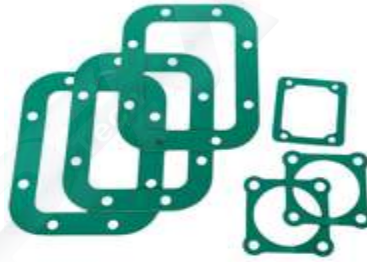
Applications

- Utility trucks
- Dump trucks
- Dump Trailers
- Fire & rescue vehicles
- Snow and ice removal
- More vehicles

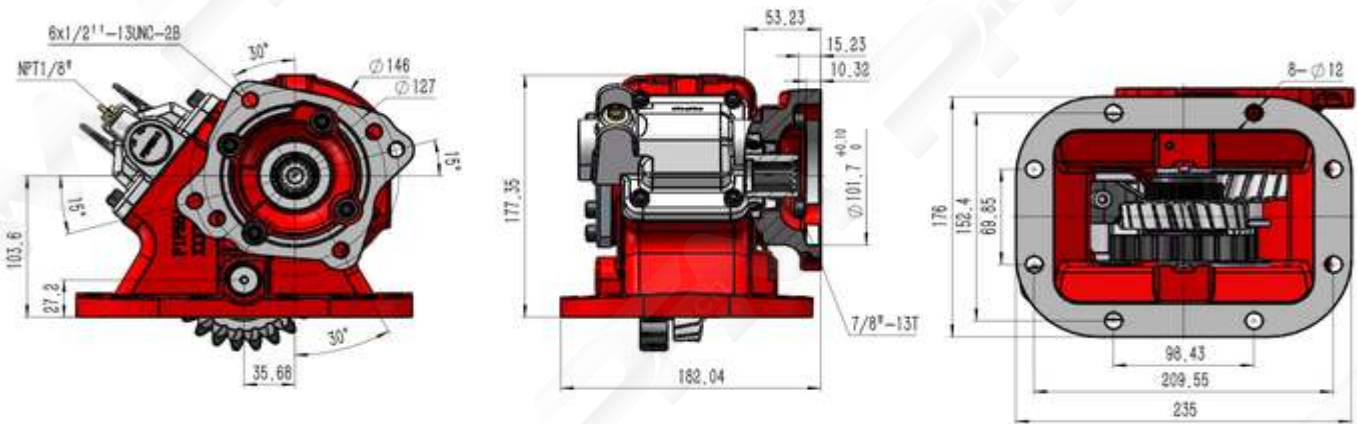
Exploded View PTO489XQAHX-V3XK



A1-1: PTO489 Series



Dimension Drawing
PTO489XQAHX-V3XK



Technical Specifications

Input Gear Options: AH / EV / DA / BG

Gear Ratio Options: F / H / L / Q / R / S / U

Shift Type: Pneumatic Shift

Mounting Type: 8-Bolt

Intermittent Torque: 195 to 250 lb-ft / 264 to 339Nm

Continuous Torque: De-Rate Torque Rating 30%

Output Type: SAE B 2/4-Bolt Flange, SAE B Shaft 7/8" - 13T (*1 More Output Options)

Shaft Power: 26-35kw(500rpm) 51-69kw(1000rpm) / 35hp-47hp(500rpm) 69hp-93hp(1000rpm)

Weight: Approximate 13 kg

*1 More Output Options

XD: Round Standard Shaft 1 1/4 " 5/16" Key

XK: SAE B 2/4-Bolt Flange, SAE B Shaft 7/8" - 13T (6-hole Flange)

RAA: SAE B 2/4-Bolt Flange, SAE B Shaft 7/8" - 13T (10-hole Flange)

XY: DIN5462, B8x32x36, Spline 8T

PTO489 X Q AH X - V 3 XK

Model	
PTO489 Series	8-Bolt

Mounting	
X	Standard Mount
K	Standard Mount Less Stud Kit
G	Standard Mount with Metric Stud Kit
L	Deep Mount Less Stud Kit
Z	Deep Mount

Gear Ratios	
F	21/37
H	23/35
L	25/34
Q	19/24
R	22/24
S	24/22
U	26/20

Input Gear	
AH	universal
EV	Eaton Full
BG	TTC Transmission
DA	Mack Transmission

Output Options	
XK	SAE "B" 2/4 Bolt 7/8" 13T(6-hole)
XD	1-1/4" Standard Shaft
RAA	SAE "B" 2/4 Bolt 7/8" 13T(10-hole)
XY	DIN5462, B8x32x36, Spline 8T

Assembly Arrangement	
3	Right, Forward
4	Right, Rear
5	Left, Forward
6	Left, Rear

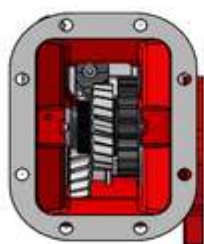
Shift Options	
A	Air Shift with Cab Control Kit
V	Air Shift No Cab Control Kit

Lube Options	
X	No Pressure Lubrication

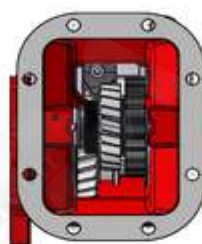
Assembly Arrangement



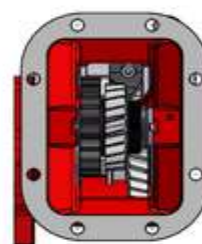
Assembly 3



Assembly 4



Assembly 5



Assembly 6

A1-1: PTO489 Series

Output Options Description



PTO489**XD: Round Standard Shaft 1 1/4" 5/16" Key



PTO489**XK: SAE B 2/4-Bolt Flange, SAE B Shaft 7/8" - 13T (6-hole Flange)



PTO489**RAA: SAE B 2/4-Bolt Flange, SAE B Shaft 7/8" - 13T (10-hole Flange)



PTO489**XY: DIN5462, B8x32x36, Spline 8T

Interchange Reference List

PTO489 Series PTOs — OEM Cross-Reference

PFM Model No.	Muncie	Bezares	Buyers	World American	Newstar · S&S
PTO489 = Parker / Chelsea 489 series · internal components are 100 % interchangeable					
PTO489GFAHX-A3XD	TG8B-U6806-A1BX	2000XBA011SE	P2000XBA011SE	WA20-08-7043	S-10728
PTO489GFAHX-A3XK	TG8B-U6806-A1KX	2000XBA011RA	P2000XBA011RA	WA20-08-7016	S-10724
PTO489GFAHX-A5XK	TG8B-U6806-A3KX	2000XBA013RA	P2000XBA013RA	WA20-08-7044	S-10497
PTO489GFAHX-V3XD	TG8B-U6806-P1BX	2000XBN011SE	P2000XBN011SE	WA20-08-7025	S-10727
PTO489GFAHX-V3XK	TG8B-U6806-P1KX	2000XBN011RA	P2000XBN011RA	WA20-08-7030	S-10723
PTO489GFAHX-V5XK	TG8B-U6806-P3KX	2000XBN013RA	P2000XBN013RA	WA20-08-7088	—
PTO489GLAHX-A3XD	TG8B-U6807-A1BX	2000XCA011SE	P2000XCA011SE	WA20-08-7011	S-10736
PTO489GLAHX-A3XK	TG8B-U6807-A1KX	2000XCA011RA	P2000XCA011RA	WA20-08-7046	S-10732
PTO489GLAHX-A5XK	TG8B-U6807-A3KX	2000XCA013RA	P2000XCA013RA	WA20-08-7047	S-19399
PTO489GLAHX-V3XK	TG8B-U6807-P1KX	2000XCN011RA	P2000XCN011RA	WA20-08-7036	S-10731
PTO489GLAHX-V5XK	TG8B-U6807-P3KX	2000XCN013RA	P2000XCN013RA	WA20-08-7048	S-E958
PTO489GQAHX-A3XD	TG8B-U6808-A1BX	2000XEA011SE	P2000XEA011SE	WA20-08-7021	S-10744
PTO489GQAHX-A3XK	TG8B-U6809-A1KX	2000XEA011RA	P2000XEA011RA	WA20-08-7037	S-10740
PTO489GQAHX-V3XD	TG8B-U6808-P1BX	2000XEN011SE	P2000XEN011SE	WA20-08-7009	S-10743
PTO489GQAHX-V3XK	TG8B-U6809-P1KX	2000XEN011RA	P2000XEN011RA	WA20-08-7049	S-10739
PTO489GRAHX-A3XD	TG8B-U6809-A1BX	2000XJA011SE	P2000XJA011SE	WA20-08-7050	S-10752
PTO489GRAHX-A3XK	—	2000XJA011RA	P2000XJA011RA	WA20-08-7051	S-10748
PTO489GRAHX-V3XK	—	2000XJN011RA	P2000XJN011RA	WA20-08-7038	S-10747
PTO489GSAHX-A3XK	TG8B-U6812-A1KX	2000XOA011RA	P2000XOA011RA	WA20-08-7087	S-10756
PTO489GSAHX-V3XK	TG8B-U6812-P1KX	2000XON011RA	P2000XON011RA	WA20-08-7039	S-10755
PTO489XFAHX-A3AF	—	2000XBA011RB	—	—	—
PTO489XFAHX-A3XD	TG8S-U6805-A1BX	2000XBA011SE	P2000XBA011SE	WA20-08-7029	S-C715
PTO489XFAHX-A3XK	TG8S-U6806-A1KX	2000XBA011RA	P2000XBA011RA	WA20-08-7008	S-C534
PTO489XFAHX-A5XD	—	—	—	—	—
PTO489XFAHX-A5XK	TG8S-U6806-A3KX	2000XBA013RA	P2000XBA013RA	WA20-08-7052	S-D692

A1-1: PTO489 Series

Interchange Reference List (continued)

PTO489 Series PTOs — OEM Cross-Reference

PFM Model No.	Muncie	Bezares	Buyers	World American	Newstar · S&S
PTO489XFAHX-S3XD	—	—	—	—	—
PTO489XFAHX-S3XK	—	—	—	—	—
PTO489XFAHX-S5XK	—	—	—	—	—
PTO489XFAHX-T3XK	—	2000XBT011RA	P2000XBT011RA	WA20-08-7055	—
PTO489XFAHX-T5XK	—	2000XBT013RA	P2000XBT013RA	WA20-08-7056	—
PTO489XFAHX-U3XD	—	—	—	—	—
PTO489XFAHX-U3XK	—	—	—	—	—
PTO489XFAHX-U5XK	—	—	—	—	—
PTO489XFAHX-V3AF	—	2000XBN011RB	P2000XBN011RB	WA20-08-7057	—
PTO489XFAHX-V3XD	TG8S-U6806-P1BX	2000XBN011SE	P2000XBN011SE	WA20-08-7004	S-C716
PTO489XFAHX-V3XK	—	2000XBN011RA	P2000XBN011RA	—	—
PTO489XFAHX-V3XY	—	2000XBN011DA	P2000XBN011DA	WA20-08-7031	—
PTO489XFAHX-V5XD	TG8S-U6806-P3BX	2000XBN013SE	P2000XBN013SE	WA20-08-7007	S-10898
PTO489XFAHX-V5XK	TG8S-U6805-P3KX	2000XBN013RA	P2000XBN013RA	WA20-08-7003	—
PTO489XHAHX-A3XK	—	—	—	WA20-08-7015	S-21304
PTO489XLAHX-A3XD	TG8S-U6807-A1BX	2000XCA011SE	P2000XCA011SE	WA20-08-7042	S-E591
PTO489XLAHX-A3XK	—	—	—	WA08S4LIN-ARFDM	—
PTO489XLAHX-A5XD	—	—	—	—	—
PTO489XLAHX-A5XK	TG8S-U6807-A3KX	2000XCA013RA	P2000XCA013RA	WA20-08-7089	S-E795
PTO489XLAHX-S3XK	—	—	—	—	—
PTO489XLAHX-T3XK	—	2000XCT011RA	P2000XCT011RA	WA20-08-7032	—
PTO489XLAHX-U3XK	—	—	—	—	—
PTO489XLAHX-V3XD	TG8S-U6807-P1BX	2000XCN011SE	P2000XCN011SE	WA20-08-7002	S-E754
PTO489XLAHX-V3XK	—	2000XCN011RA	P2000XCN011RA	WA20-08-7001	—
PTO489XLAHX-V5XD	—	—	—	—	—
PTO489XLAHX-V5XK	TG8S-U6807-P3KX	2000XCN013RA	P2000XCN013RA	WA20-08-7012	S-E789
PTO489XLAHX-W3XD	TG8S-U6807-C1BX	2000XCW011SE	P2000XCW011SE	WA20-08-7022	S-E128
PTO489XLAHX-W3XK	TG8S-U6807-C1KX	2000XCW011RA	P2000XCW011RA	WA20-08-7058	S-E778
PTO489XLDAX-A5XK	—	2000XCA243RA	P2000XCA243RA	WA20-08-7059	—
PTO489XLDAX-T5XK	—	2010XCT243RA	P2010XCT243RA	WA20-08-7080	—
PTO489XLDAX-V5XK	—	2000XCN243RA	P2000XCN243RA	WA20-08-7060	—
PTO489XQAHX-A3XD	TG8S-U6809-A1BX	2000XEA011SE	P2000XEA011SE	WA20-08-7018	S-C662
PTO489XQAHX-A3XK	TG8S-U6809-A1KX	2000XEA011RA	P2000XEA011RA	WA20-08-7017	S-C622
PTO489XQAHX-A5XD	TG8S-U6808-A3BX	2000XEA013SE	P2000XEA013SE	WA20-08-7033	S-E792
PTO489XQAHX-A5XK	TG8S-U6809-A3KX	2000CEA013RA	P2000CEA013RA	WA20-08-7040	S-D693
PTO489XQAHX-S3XK	—	2000XES011RA	P2000XES011RA	WA20-08-7061	S-E261
PTO489XQAHX-V3XD	TG8S-U6808-P1BX	2000XEN011SE	P2000XEN011SE	WA20-08-7006	S-C714
PTO489XQAHX-V3XK	TG8S-U6809-P1KX	2000XEN011RA	P2000XEN011RA	WA20-08-7005	S-C623
PTO489XQAHX-V5XD	TG8S-U6808-P3BX	2000XEN013SE	P2000XEN013SE	WA20-08-7026	S-10906
PTO489XQAHX-V5XK	TG8S-U6809-P3KX	2000XEN013RA	P2000XEN013RA	WA20-08-7027	S-E788
PTO489XQAHX-W3XD	TG8S-U6808-C1BX	2000XEW011SE	P2000XEW011SE	WA20-08-7010	S-E127
PTO489XQAHX-W3XK	TG8S-U6808-C1KX	2000XEW011RA	P2000XEW011RA	WA20-08-7028	S-D700
PTO489XQARX-A3XK	—	2000XEA051RA	P2000XEA051RA	WA20-08-7062	—
PTO489XQARX-V3XK	—	2000XEN051RA	P2000XEN051RA	WA20-08-7063	—

A1-1: PTO489 Series

Interchange Reference List (continued)

PTO489 Series PTOs — OEM Cross-Reference

PFM Model No.	Muncie	Bezares	Buyers	World American	Newstar · S&S
PTO489XQEVX-A5XK	TG8S-F1108-A3KX	2000XEA273RA	P2000XEA273RA	WA20-08-7064	S-12440
PTO489XRAHX-A3XD	TG8S-U6809-A1BX	2000XJA011SE	P2000XJA011SE	WA20-08-7034	S-D788
PTO489XRAHX-A3XK	—	2000XJA011RA	P2000XJA011RA	WA20-08-7065	S-D734
PTO489XRAHX-A5XK	—	2000XJA013RA	P2000XJA013RA	WA20-08-7066	S-10911
PTO489XRAHX-V3XD	TG8S-U6809-P1BX	2000XJN011SE	P2000XJN011SE	WA20-08-7067	S-D789
PTO489XRAHX-V3XK	TG8S-U6809-P1KX	2000XJN011RA	P2000XJN011RA	WA20-08-7068	S-D787
PTO489XRAHX-V5XK	—	2000XJN013RA	P2000XJN013RA	WA20-08-7090	S-E791
PTO489XRAHX-W3XD	TG8S-U6809-C1BX	2000XJW011SE	P2000XJW011SE	WA20-08-7023	S-E170
PTO489XRAHX-W3XK	TG8S-U6809-C1KX	2000XJW011RA	P2000XJW011RA	WA20-08-7041	S-E169
PTO489XREVX-V5XK	TG8S-F1109-P3KX	2000XJN273RA	P2000XJN273RA	WA20-08-7069	S-12447
PTO489XSAHX-A3XD	TG8S-U6812-A1BX	2000XOA011SE	P2000XOA011SE	WA20-08-7035	S-D656
PTO489XSAHX-A3XK	TG8S-U6812-A1KX	2000XOA011RA	P2000XOA011RA	WA20-08-7019	S-D599
PTO489XSAHX-V3XD	TG8S-U6812-P1BX	2000XON011SE	P2000XON011SE	WA20-08-7020	S-D657
PTO489XSAHX-V3XK	TG8S-U6812-P1KX	2000XON011RA	P2000XON011RA	WA20-08-7070	S-D600
PTO489XSAHX-W3XK	TG8S-U6812-C1KX	2000XOW011RA	P2000XOW011RA	WA20-08-7071	S-D791
PTO489XSEVX-T5XK	—	2000XOT273RA	P2000XOT273RA	WA20-08-7072	—
PTO489XSEVX-V5XK	TG8S-F1112-P3KX	2000XON273RA	P2000XON273RA	WA20-08-7073	—
PTO489XUAHX-V3XD	TG8S-U6814-P1BX	2000XRA011SE	P2000XRA011SE	WA20-08-7133	S-11292
PTO489XUAHX-V3XK	TG8S-U6814-P1KX	2000XRN011RA	P2000XRN011RA	WA20-08-7142	S-12455
PTO489XWAHX-V3XD	TG8S-U6817-P1BX	2000XTA011SE	P2000XTA011SE	—	S-12155
PTO489XWAHX-V3XK	TG8S-U6817-P1KX	2000XTN011RA	P2000XTN011RA	—	S-12153
PTO489ZFAHX-V3XK	—	2010XBN011RA	P2010XBN011RA	WA20-08-7074	S-21703
PTO489ZFDAX-A5XD	TG8D-M6506-A3BX	2010XBA243SE	P2010XBA243SE	WA20-08-7075	S-11034
PTO489ZFDAX-A5XK	TG8D-M6506-A3KX	2010XBA243RA	P2010XBA243RA	WA20-08-7076	S-11030
PTO489ZFDAX-V5XD	TG8D-M6506-P3BX	2010XBN243SE	P2010XBN243SE	WA20-08-7077	S-11033
PTO489ZFDAX-V5XK	TG8D-M6506-P3KX	2010XBN243RA	P2010XBN243RA	WA20-08-7078	S-11029
PTO489ZLDAX-A5XK	TG8D-M6507-A3KX	2010XCA243RA	P2010XCA243RA	WA20-08-7079	S-10111
PTO489ZLDAX-V5XK	TG8D-M6507-P3KX	2010XCN243RA	P2010XCN243RA	WA20-08-7081	S-10113
PTO489ZRDAX-V5XD	TG8D-M6509-P3BX	2010XJN243SE	P2010XJN243SE	WA20-08-7082	S-10118
PTO489ZRDAX-V5XK	TG8D-M6509-P3KX	2010XJN243RA	P2010XJN243RA	WA20-08-7085	S-10117
PTO489ZSDAX-A5XD	TG8D-M6512-A3BX	2010XOA243SE	P2010XOA243SE	WA20-08-7083	S-10124
PTO489ZSDAX-V5XD	TG8D-M6512-P3BX	2010XON243SE	P2010XON243SE	WA20-08-7084	S-10126

Additional Standard Models

Also available from PFM — OEM cross-references are not published for these models.

PTO489XFAHX-V3RAA
PTO489XFAHX-V5RAA
PTO489XFAHX-V5XY
PTO489XHAHX-V3RAA
PTO489XHAHX-V3XD
PTO489XHAHX-V3XK
PTO489XHAHX-V3XY
PTO489XHAHX-V5RAA
PTO489XHAHX-V5XD

PTO489XHAHX-V5XK
PTO489XHAHX-V5XY
PTO489XLAHX-V3RAA
PTO489XLAHX-V3XY
PTO489XLAHX-V5RAA
PTO489XLAHX-V5XY
PTO489XLEVX-V4XK
PTO489XLEVX-V5XK
PTO489XQAHX-V3RAA

PTO489XQAHX-V3XY
PTO489XQAHX-V5RAA
PTO489XQAHX-V5XY
PTO489XQEVX-V4XK
PTO489XQEVX-V5XK
PTO489XRAHX-V3RAA
PTO489XRAHX-V3XY
PTO489XRAHX-V5RAA
PTO489XRAHX-V5XD

PTO489XRAHX-V5XY
PTO489XREVX-V4XK
PTO489XSAHX-V3RAA
PTO489XSAHX-V3XY
PTO489XSAHX-V5RAA
PTO489XSAHX-V5XD
PTO489XSAHX-V5XK
PTO489XSAHX-V5XY
PTO489XUAHX-V3RAA

PTO489XUAHX-V3XY
PTO489XUAHX-V5RAA
PTO489XUAHX-V5XD
PTO489XUAHX-V5XK
PTO489XUAHX-V5XY
PTO489XUEVX-V5XK
PTO489ZQDAX-V5XK
PTO489ZSDAX-V5XK

Brand names and part numbers are the property of their respective owners and are used for identification purposes only.

A1-2: PTO442 Series

The 442 Series PTO is high-performance power take-offs with a convenient pneumatic shift system for smooth operation. Its 6-bolt design offers excellent adaptability, compatible with major manual transmissions like Eaton Fuller, Tremec, and Mack. Crafted from high-strength cast iron with heavy-duty bearings, it ensures stable performance in harsh application conditions.



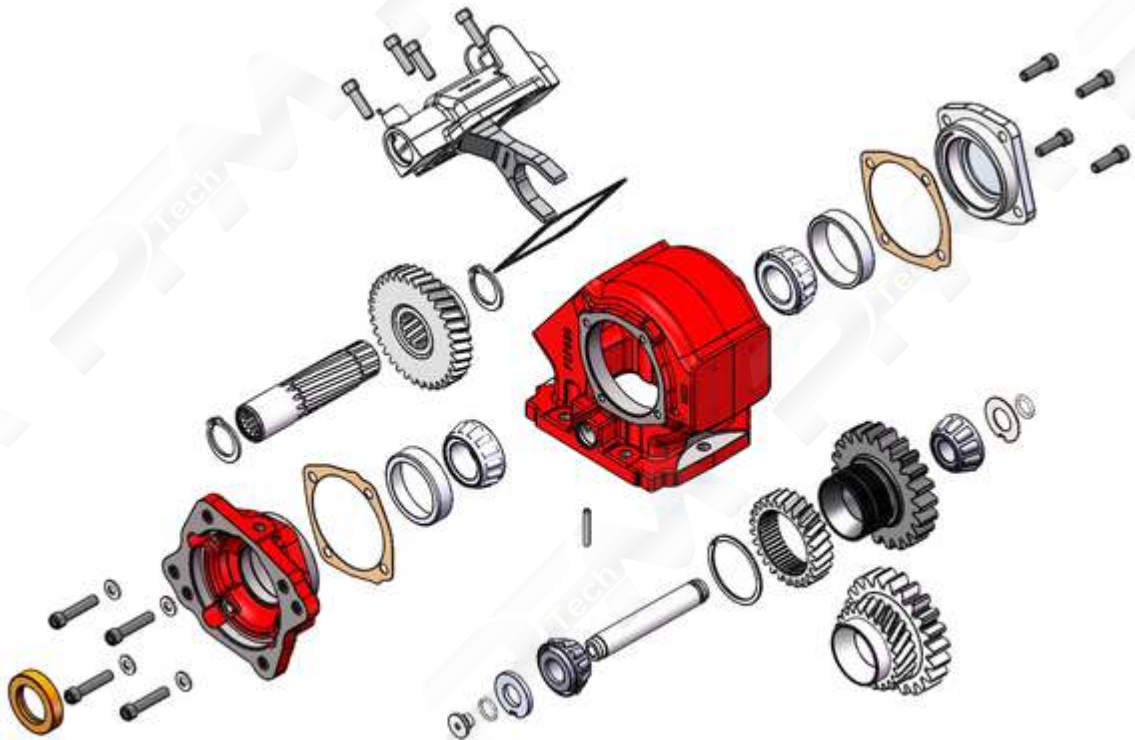
Key Features

- 6-bolt mounting configuration
- Pneumatic shift actuation
- One-piece cast iron construction
- Multiple gear ratios & output options
- 100 % part-by-part interchangeable
- Deep-mount design for Mack transmissions

Applications

- Utility trucks
- Dump trucks
- Dump Trailers
- Fire & rescue vehicles
- Snow and ice removal
- More vehicles

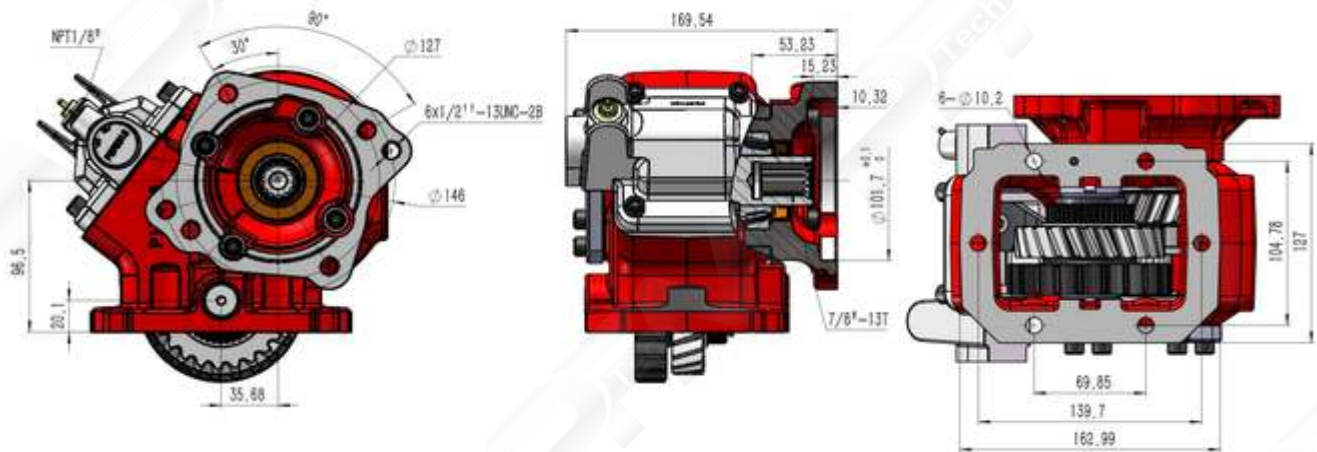
Exploded View PTO442XQAHX-V3XK



A1-2: PTO442 Series



Dimension Drawing
PTO442XQAHX-V3XK



Technical Specifications

Input Gear Options: AH / EV / DA / BG / JW / ES

Gear Ratio Options: F / H / L / Q / R / S / U

Shift Type: Pneumatic Shift

Mounting Type: 6-Bolt

Intermittent Torque: 195 to 250 lb-ft / 264 to 339Nm

Continuous Torque: De-Rate Torque Rating 30%

Output Type: SAE B 2/4-Bolt Flange, SAE B Shaft 7/8" - 13T (*1 More Output Options)

Shaft Power: 26-35kw(500rpm) 51-69kw(1000rpm) / 35hp-47hp(500rpm) 69hp-93hp(1000rpm)

Weight: Approximate 11 kg

*1 More Output Options

XD: Round Standard Shaft 1 1/4 " 5/16" Key

XK: SAE B 2/4-Bolt Flange, SAE B Shaft 7/8" - 13T (6-hole Flange)

RAA: SAE B 2/4-Bolt Flange, SAE B Shaft 7/8" - 13T (10-hole Flange)

XY: DIN5462, B8x32x36, Spline 8T

PTO442 X Q AH X - V 3 XK

Model

PTO442 Series 6-Bolt

Mounting

X	Standard Mount
K	Standard Mount Less Stud Kit
G	Standard Mount with Metric Stud Kit
L	Deep Mount Less Stud Kit
Z	Deep Mount

Gear Ratios

F	21/37
H	23/35
L	25/34
Q	19/24
R	22/24
S	24/22
U	26/20

Input Gear

AH	universal
EV	Eaton Full
BG	Spicer/TTC Transmission
DA	Mack Transmission
JW	Eaton Full
ES	Eaton Full

Output Options

XK	SAE "B" 2/4 Bolt 7/8" 13T(6-hole)
XD	1-1/4" Standard Shaft
RAA	SAE "B" 2/4 Bolt 7/8" 13T(10-hole)
XY	DIN5462, B8x32x36, Spline 8T

Assembly Arrangement

3	Right, Forward
4	Right, Rear
5	Left, Forward
6	Left, Rear

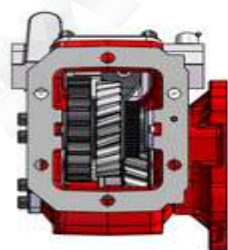
Shift Options

A	Air Shift with Cab Control Kit
V	Air Shift No Cab Control Kit

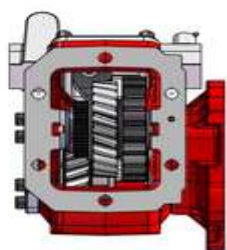
Lube Options

X	No Pressure Lubrication
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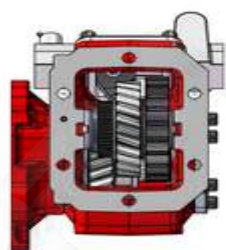
Assembly Arrangement



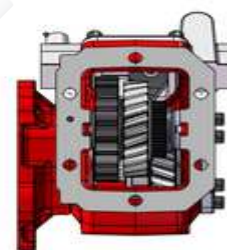
Assembly 3



Assembly 4



Assembly 5



Assembly 6

A1-2: PTO442 Series

Output Options Description



PTO442**XD: Round Standard Shaft 1 1/4" 5/16" Key



PTO442**XK: SAE B 2/4-Bolt Flange, SAE B Shaft 7/8" - 13T (6-hole Flange)



PTO442**RAA: SAE B 2/4-Bolt Flange, SAE B Shaft 7/8" - 13T (10-hole Flange)



PTO442**XY: DIN5462, B8x32x36, Spline 8T

Interchange Reference List

PTO442 Series PTOs — OEM Cross-Reference

PFM Model No.	Muncie	Bezares	Buyers	World American	Newstar · S&S
PTO442 = Parker / Chelsea 442 series · internal components are 100 % interchangeable					
PTO442GBHVX-V5XK	—	—	—	WA20-06-5011	—
PTO442GFAHX-V3XD	TG6B-U6806-P1BX	1000XBN011SE	P1000XBN011SE	WA20-06-5005	S-10631
PTO442GFAHX-V3XK	TG6B-U6806-P1KX	1000XBN011RA	P1000XBN011RA	WA20-06-5012	S-10627
PTO442GFAHX-W3XD	TG6B-U6806-C1BX	1000XBW011SE	P1000XBW011SE	WA20-06-5013	S-10634
PTO442GLAHX-A3XK	TG6B-U6807-A1KX	1000XCA011RA	P1000XCA011RA	WA20-06-5014	S-10636
PTO442GLAHX-V3XD	TG6B-U6807-P1BX	1000XCN011SE	P1000XCN011SE	WA20-06-5015	S-10639
PTO442GLAHX-V3XK	TG6B-U6807-P1KX	1000XCN011RA	P1000XCN011RA	WA20-06-5016	S-10635
PTO442GQAHX-S3XK	—	1000XES011RA	P1000XES011RA	WA20-06-5001	—
PTO442GQJAX-A5XK	—	—	—	WA20-06-5080	—
PTO442GQJCX-V3XK	—	—	—	WA20-06-5017	—
PTO442GRJAX-V5XK	—	1000XOA663RA	P1000XOA663RA	WA20-06-5018	—
PTO442KSBQX-W5XK	—	1000XOW113RA	P1000XOW113RA	WA20-06-5019	—
PTO442KUAPX-W5XD	625N14PAX-C5DS	1000XRW333SE	P1000XRW333SE	WA20-06-5020	S-16949
PTO442XFAHX-A3XD	TG6S-U6806-A1BX	1000PBA011SE	P1000PBA011SE	WA20-06-5124	S-C624
PTO442XFAHX-A3XK	TG6S-U6806-A1KX	1000PBA011RA	P1000PBA011RA	WA20-06-5082	S-C722
PTO442XFAHX-V3XD	TG6S-U6806-P1BX	1000PBN011SE	P1000PBN011SE	WA20-06-5021	S-C625
PTO442XFAHX-V3XK	TG6S-U6806-P1KX	1000PBN011RA	P1000PBN011RA	WA20-06-5022	S-C723
PTO442XFAHX-W3XD	TG6S-U6806-C1BX	1000XBW011SE	P1000XBW011SE	WA20-06-5023	S-D706
PTO442XFAHX-W6XK	TG6S-U6806-C4KX	1000XBW014XK	P1000XBW014XK	WA20-06-5002	S-10542

A1-2: PTO442 Series

Interchange Reference List (continued)

PTO442 Series PTOs — OEM Cross-Reference

PFM Model No.	Muncie	Bezares	Buyers	World American	Newstar · S&S
PTO442XFSFNX-A3XK	—	—	—	WA20-06-5100	—
PTO442XFSFNX-V3XK	—	—	—	WA20-06-5099	—
PTO442XLAHX-A3XD	TG6S-U6807-A1BX	1000XCA011SE	P1000XCA011SE	—	S-E757
PTO442XLAHX-A3XK	TG6S-U6807-A1KX	1000XCA011RA	P1000XCA011RA	WA20-06-5010	S-E755
PTO442XLAHX-V3XD	TG6S-U6807-P1BX	1000XCN011SE	P1000XCN011SE	WA20-06-5077	S-E758
PTO442XLAHX-V3XK	TG6S-U6807-P1KX	1000XCN011RA	P1000XCN011RA	WA06S4LIN-NRFD	—
PTO442XLDUX-V3XK	—	1000XCN251RA	P1000XCN251RA	WA20-06-5093	—
PTO442XLHYX-W5XD	—	1000XCW503SE	P1000XCW503SE	WA20-06-5024	—
PTO442XQABX-A3XD	—	1000XEA021SE	P1000XEA021SE	WA20-06-5026	—
PTO442XQABX-V3XD	—	1000XEN021SE	P1000XEN021SE	WA20-06-5027	—
PTO442XQAHX-A3XD	TG6S-U6808-A1BX	1000XEA011SE	P1000XEA011SE	WA20-06-5028	S-B395
PTO442XQAHX-A3XK	TG6S-U6808-A1KX	1000XEA011RA	P1000XEA011RA	WA20-06-5029	S-C720
PTO442XQAHX-S3XK	—	1000XES011RA	P1000XES011RA	WA20-06-5003	S-E253
PTO442XQAHX-V3XD	TG6S-U6808-P1BX	1000XEN011SE	P1000XEN011SE	WA20-06-5105	S-C620
PTO442XQAHX-V3XK	TG6S-U6808-P1KX	1000XEN011RA	P1000XEN011RA	WA20-06-5000	S-C721
PTO442XQAHX-W3XD	TG6S-U6808-C1BX	1000XEW011SE	P1000XEW011SE	WA20-06-5104	S-D707
PTO442XQAHX-W3XK	TG6S-U6808-C1KX	1000XEW011RA	P1000XEW011RA	WA20-06-5008	S-D701
PTO442XQARX-A3XD	—	—	—	WA20-06-5089	S-21571
PTO442XQESX-A3XD	TG6S-F6308-A1BX	1000XEA171SE	P1000XEA171SE	WA20-06-5096	S-10829
PTO442XQESX-A3XK	TG6S-F6308-A1KX	1000XEA171RA	P1000XEA171RA	WA20-06-5007	S-10825
PTO442XQESX-V3XD	TG6S-F6308-P1BX	1000XEN171SE	P1000XEN171SE	WA20-06-5091	S-10828
PTO442XQESX-V3XK	TG6S-F6308-P1KX	1000XEN171RA	P1000XEN171RA	WA20-06-5090	S-10824
PTO442XQESX-W3XD	—	—	—	—	—
PTO442XQFNX-W5XD	—	1000XEW343SE	P1000XEW343SE	WA20-06-5079	—
PTO442XRAHX-A3XD	TG6S-U6809-A1BX	1000XJA011SE	P1000XJA011SE	WA20-06-5030	S-E029
PTO442XRAHX-A3XK	TG6S-U6809-A1KX	1000XJA011RA	P1000XJA011RA	WA20-06-5031	S-E031
PTO442XRAHX-V3XD	TG6S-U6809-P1BX	1000XJN011SE	P1000XJN011SE	WA20-06-5032	S-E030
PTO442XRAHX-V3XK	TG6S-U6809-P1KX	1000XJN011RA	P1000XJN011RA	WA20-06-5033	S-E032
PTO442XRAHX-W3XD	TG6S-U6809-C1BX	1000XJW011SE	P1000XJW011SE	WA20-06-5034	S-E166
PTO442XRAHX-W3XK	TG6S-U6809-C1KX	1000XJW011RA	P1000XJW011RA	WA20-06-5004	S-E165
PTO442XRARX-A5XD	—	1000XJA053SE	P1000XJA053SE	WA20-06-5035	—
PTO442XRARX-V5XD	—	1000XJN053SE	P1000XJN053SE	WA20-06-5036	—
PTO442XRBQX-W4XD	—	1000XJW112SE	P1000XJW112SE	WA20-06-5037	—
PTO442XRESX-A3XK	TG6S-F6310-A1KX	1000XJA171RA	P1000XJA171RA	WA20-06-5038	S-E893

A1-2: PTO442 Series

Interchange Reference List (continued)

PTO442 Series PTOs — OEM Cross-Reference

PFM Model No.	Muncie	Bezares	Buyers	World American	Newstar · S&S
PTO442XRESX-V3XK	TG6S-F6309-P1KX	1000XJN171RA	P1000XJN171RA	WA20-06-5039	S-10832
PTO442XRJAX-V5XK	—	—	—	WA20-06-5040	—
PTO442XRJKX-A5XK	—	—	—	WA20-06-5102	S-21900
PTO442XRJKX-V5XK	—	—	—	WA20-06-5101	—
PTO442XSAHX-A3XD	TG6S-U6812-A1BX	1000XOA011SE	P1000XOA011SE	WA20-06-5109	S-D759
PTO442XSAHX-A3XK	TG6S-U6812-A1KX	1000XOA011RA	P1000XOA011RA	WA20-06-5107	S-D761
PTO442XSAHX-V3XD	TG6S-U6812-P1BX	1000XON011SE	P1000XON011SE	WA20-06-5108	S-D760
PTO442XSAHX-V3XK	TG6S-U6812-P1KX	1000XON011RA	P1000XON011RA	WA20-06-5232	S-D762
PTO442XSAPX-W5XD	TG6S-S6112-C3BX	1000XOW333SE	P1000XOW333SE	WA20-06-5083	S-12718
PTO442XSBQX-V5XD	—	1000XON113SE	P1000XON113SE	WA20-06-5041	—
PTO442XSESX-A3XD	TG6S-F6312-A1BX	1000XOA171SE	P1000XOA171SE	WA20-06-5042	S-E890
PTO442XSESX-A3XK	TG6S-F6312-A1KX	1000XOA171RA	P1000XOA171RA	WA20-06-5043	S-E142
PTO442XSESX-T3XK	—	1000XOT171RA	P1000XOT171RA	WA20-06-5044	—
PTO442XSESX-V3XD	TG6S-F6312-P1BX	1000XON171SE	P1000XON171SE	WA20-06-5045	S-10838
PTO442XSESX-V3XK	TG6S-F6312-P1KX	1000XON171RA	P1000XON171RA	WA20-06-5046	S-10836
PTO442XSESX-V5XK	TG6S-F6312-P3KX	1000XON173RA	P1000XON173RA	WA20-06-5047	S-10587
PTO442XSESX-W3XD	TG6S-F6312-C1BX	1000XOW171SE	P1000XOW171SE	WA20-06-5048	S-E455
PTO442XSESX-W5XK	TG6S-F6312-C3KX	1000XOW173RA	P1000XOW173RA	WA20-06-5049	S-E736
PTO442XSFNX-A5XK	—	1000XOA343RA	P1000XOA343RA	WA20-06-5050	—
PTO442XSFNX-V5XK	—	1000XON343RA	P1000XON343RA	WA20-06-5051	—
PTO442XSHYX-W5XD	—	1000XOW513SE	P1000XOW513SE	WA20-06-5052	—
PTO442XSHYX-W5XK	—	—	—	WA20-06-5088	—
PTO442XSKXX-V5XD	—	—	—	WA20-06-5053	—
PTO442XUAHX-V6XK	TG6S-U6815-P4KX	1000XRN014RA	P1000XRN014RA	WA20-06-5054	S-11225
PTO442XUAHX-W3XD	TG6S-U6815-C1BX	1000XRW011SE	P1000XRW011SE	WA20-06-5055	S-11216
PTO442XUAHX-W6XK	TG6S-U6815-C4KX	1000XRW014RA	P1000XRW014RA	WA20-06-5056	S-11228
PTO442XUAPX-W5XK	TG6S-S6115-C3KX	1000XRW333RA	P1000XRW333RA	WA20-06-5057	S-12722
PTO442XUESX-V3XK	TG6S-F6315-P1KX	1000XRN171RA	P1000XRN171RA	WA20-06-5092	S-11248
PTO442XUESX-W3XK	TG6S-FF6315-C1KX	1000XRW171RA	P1000XRW171RA	WA20-06-5058	S-11251
PTO442XUESX-W5XD	TG6S-F6315-C3BX	1000XRW173SE	P1000XRW173SE	WA20-06-5059	S-11263
PTO442XUESX-W5XK	TG6S-F6315-C3KX	1000XRW173RA	P1000XRW173RA	WA20-06-5098	S-11259
PTO442XUEWX-W3XD	—	—	—	WA20-06-5060	S-21809
PTO442XWAHX-T3XK	—	1000XTT011RA	P1000XTT011RA	WA20-06-5061	—

A1-2: PTO442 Series

Interchange Reference List (continued)

PTO442 Series PTOs — OEM Cross-Reference

PFM Model No.	Muncie	Bezares	Buyers	World American	Newstar · S&S
PTO442XWAHX-V3XK	TG6S-U6818-P1KX	1000XTN011RA	P1000XTN011RA	WA20-06-5062	S-12145
PTO442XWAHX-V6XK	TG6S-U6818-P4KX	1000XTN014RA	P1000XTN014RA	WA20-06-5063	S-12121
PTO442XWAHX-W6XD	TG6S-U6818-C4BX	1000XTW014SE	P1000XTW014SE	WA20-06-5064	S-12128
PTO442XWAHX-W6XK	TG6S-U6818-C4KX	1000XTW014RA	P1000XTW014RA	WA20-06-5065	S-12124
PTO442XWBQX-W5XK	—	1000XTW113RA	P1000XTW113RA	WA20-06-5066	—
PTO442XWESX-A3XD	TG6S-F6318-A1BX	1000XTA171SE	P1000XTA171SE	WA20-06-5067	S-12348
PTO442XWESX-V3XD	TG6S-F6318-P1BX	1000XTN171SE	P1000XTN171SE	WA20-06-5068	S-12347
PTO442XWESX-W5XD	TG6S-F6318-C3BX	1000XTW173SE	P1000XTW173SE	WA20-06-5069	S-12342
PTO442XWEWX-W3XK	—	—	—	WA20-06-5086	S-20455
PTO442ZFAHX-A3XK	TG6D-S6806-A1KX	1010XBA011RA	P1010XBA011RA	WA20-06-5071	S-11059
PTO442ZFAHX-V3XK	TG6D-S6806-P1KX	1010XBN011RA	P1010XBN011RA	WA20-06-5078	S-11058
PTO442ZFDAX-V3XK	TG6D-M6506-P1KX	1010XTW241RA	P1010XTW241RA	WA20-06-5085	S-10934
PTO442ZLDAX-A3XK	TG6D-M6507-A1KX	1010XCA241RA	P1010XCA241RA	WA20-06-5072	S-10943
PTO442ZLDAX-T3XK	—	1010XCT241RA	P1010XCT241RA	WA20-06-5095	—
PTO442ZLDAX-V3XK	TG6D-M6507-P1KX	1010XCN241RA	P1010XCN241RA	WA20-06-5073	S-10942
PTO442ZLDAX-V5XK	TG6D-M6507-P3KX	1010XCN243RA	P1010XCN243RA	WA20-06-5006	S-15531
PTO442ZQFNX-A5XK	625D8NFX-A5AL	1010XEA343RA	P1010XEA343RA	WA20-06-5074	S-18257
PTO442ZQFNX-V5XK	—	1010XEN343RA	P1010XEN343RA	WA20-06-5075	—
PTO442ZSFNX-W3XK	—	—	—	WA20-06-5094	S-21234
PTO442ZWDAX-W3XK	TG6D-M6518-C1KX	—	—	—	S-12194
PTO442ZWFNX-V5XD	625D17NFX-B5DS	—	—	WA20-06-5087	S-17892
PTO442ZWFNX-W5XD	625D17NFX-C5DS	1010XTW343SE	P1010XTW343SE	WA20-06-5084	S-17895
PTO442ZWJBX-W4XK	—	—	—	WA20-06-5076	—

Additional Standard Models

Also available from PFM — OEM cross-references are not published for these models.

PTO442XFAHX-V3RAA	PTO442XHAHX-V5XK	PTO442XQAHX-V3RAA	PTO442XRAHX-V5XY	PTO442XUAHX-V3XY
PTO442XFAHX-V3XY	PTO442XHAHX-V5XY	PTO442XQAHX-V3XY	PTO442XRESX-V5XK	PTO442XUAHX-V5RAA
PTO442XFAHX-V5RAA	PTO442XHESX-V3XK	PTO442XQAHX-V5RAA	PTO442XRJWX-V3XK	PTO442XUAHX-V5XD
PTO442XFAHX-V5XD	PTO442XHESX-V5XK	PTO442XQAHX-V5XD	PTO442XRJWX-V5XK	PTO442XUAHX-V5XK
PTO442XFAHX-V5XK	PTO442XLAHX-V3RAA	PTO442XQAHX-V5XK	PTO442XSAHX-V3RAA	PTO442XUAHX-V5XY
PTO442XFAHX-V5XY	PTO442XLAHX-V3XY	PTO442XQAHX-V5XY	PTO442XSAHX-V3XY	PTO442XUESX-V5XK
PTO442XFESX-V3XK	PTO442XLAHX-V5RAA	PTO442XQESX-V5XK	PTO442XSAHX-V5RAA	PTO442ZQDAX-V3XK
PTO442XFESX-V5XK	PTO442XLAHX-V5XD	PTO442XQJWX-V3XK	PTO442XSAHX-V5XD	PTO442ZRDAX-V3XK
PTO442XHAHX-V3RAA	PTO442XLAHX-V5XK	PTO442XQJWX-V5XK	PTO442XSAHX-V5XK	PTO442ZSDAX-V3XK
PTO442XHAHX-V3XD	PTO442XLAHX-V5XY	PTO442XRAHX-V3RAA	PTO442XSAHX-V5XY	PTO442ZUDAX-V3XK
PTO442XHAHX-V3XK	PTO442XLESX-V3XK	PTO442XRAHX-V3XY	PTO442XSJWX-V5XK	
PTO442XHAHX-V3XY	PTO442XLESX-V5XK	PTO442XRAHX-V5RAA	PTO442XUAHX-V3RAA	
PTO442XHAHX-V5RAA	PTO442XLJWX-V3XK	PTO442XRAHX-V5XD	PTO442XUAHX-V3XD	
PTO442XHAHX-V5XD	PTO442XLJWX-V5XK	PTO442XRAHX-V5XK	PTO442XUAHX-V3XK	

Brand names and part numbers are the property of their respective owners and are used for identification purposes only.

A1-3: PTO2000 Series



The 2000 Series PTO is high-performance power take-offs with a convenient pneumatic shift system for smooth operation. Its 8-bolt design offers excellent adaptability, compatible with major manual transmissions like Eaton Fuller, Tremec, and Mack. Crafted from high-strength cast iron with heavy-duty bearings, it ensures stable performance in harsh application conditions.



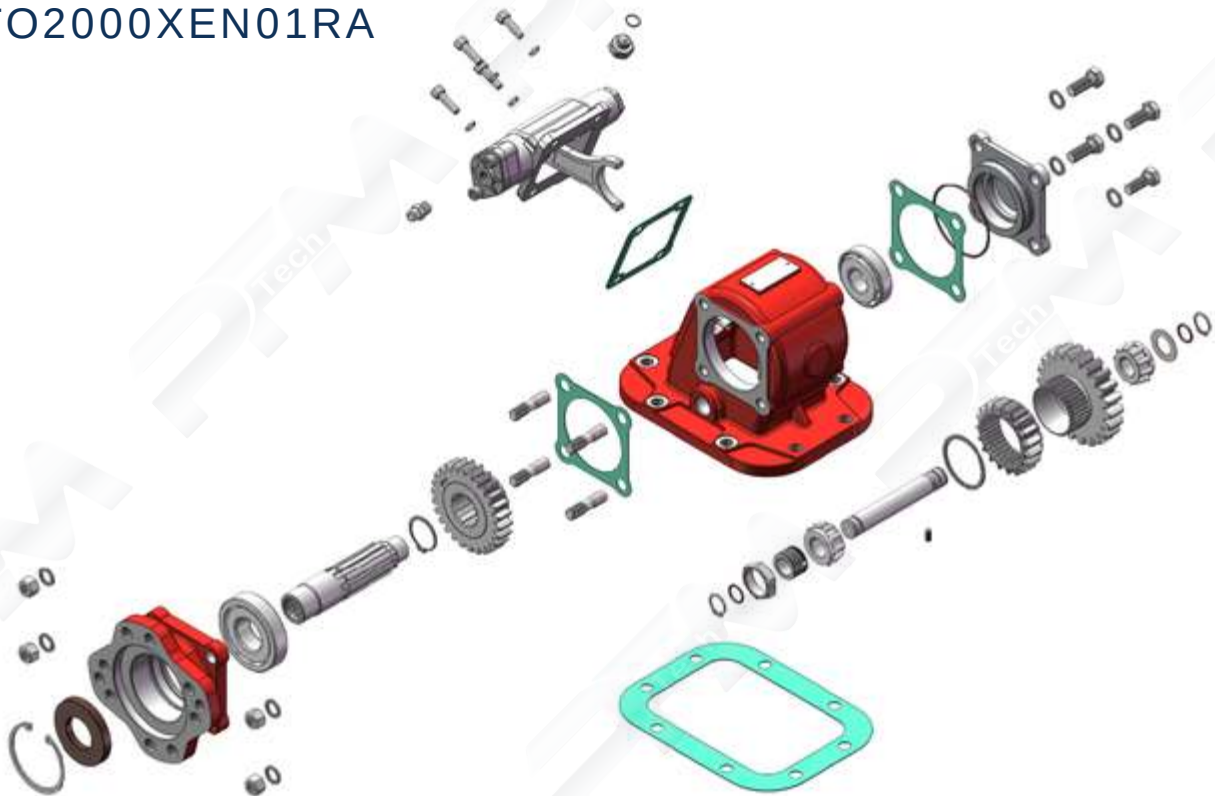
Key Features

- 8-bolt mounting configuration
- Pneumatic shift actuation
- One-piece cast iron construction
- Multiple gear ratios & output options
- 100 % part-by-part interchangeable
- Deep-mount design for Eaton Endurant Series transmissions

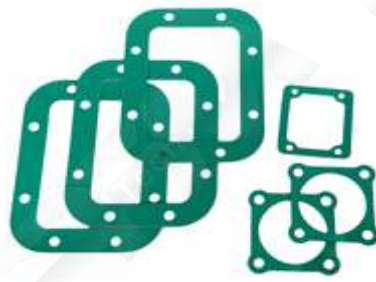
Applications

- Utility trucks
- Dump trucks
- Dump Trailers
- Fire & rescue vehicles
- Snow and ice removal
- More vehicles

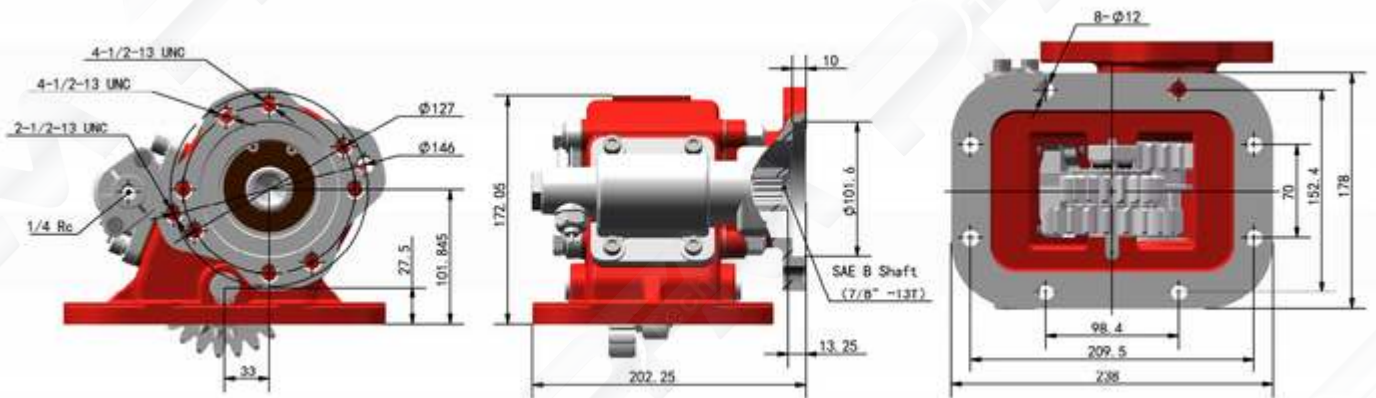
Exploded View PTO2000XEN01RA



A1-3: PTO2000 Series



Dimension Drawing
PTO2000XEN011RA



Technical Specifications

Input Gear Options: 01 / 75

Gear Ratio Options: A / B / C / E / J / O / R

Shift Type: Pneumatic Shift

Mounting Type: 8-Bolt

Intermittent Torque: 200 to 250 lb-ft / 271 to 339Nm

Continuous Torque: De-Rate Torque Rating 30%

Output Type: SAE B 2/4-Bolt Flange, SAE B Shaft 7/8" - 13T (*1 More Output Options)

Shaft Power: 26-35kw(500rpm) 51-69kw(1000rpm) / 35hp-47hp(500rpm) 69hp-93hp(1000rpm)

Weight: Approximate 13 kg

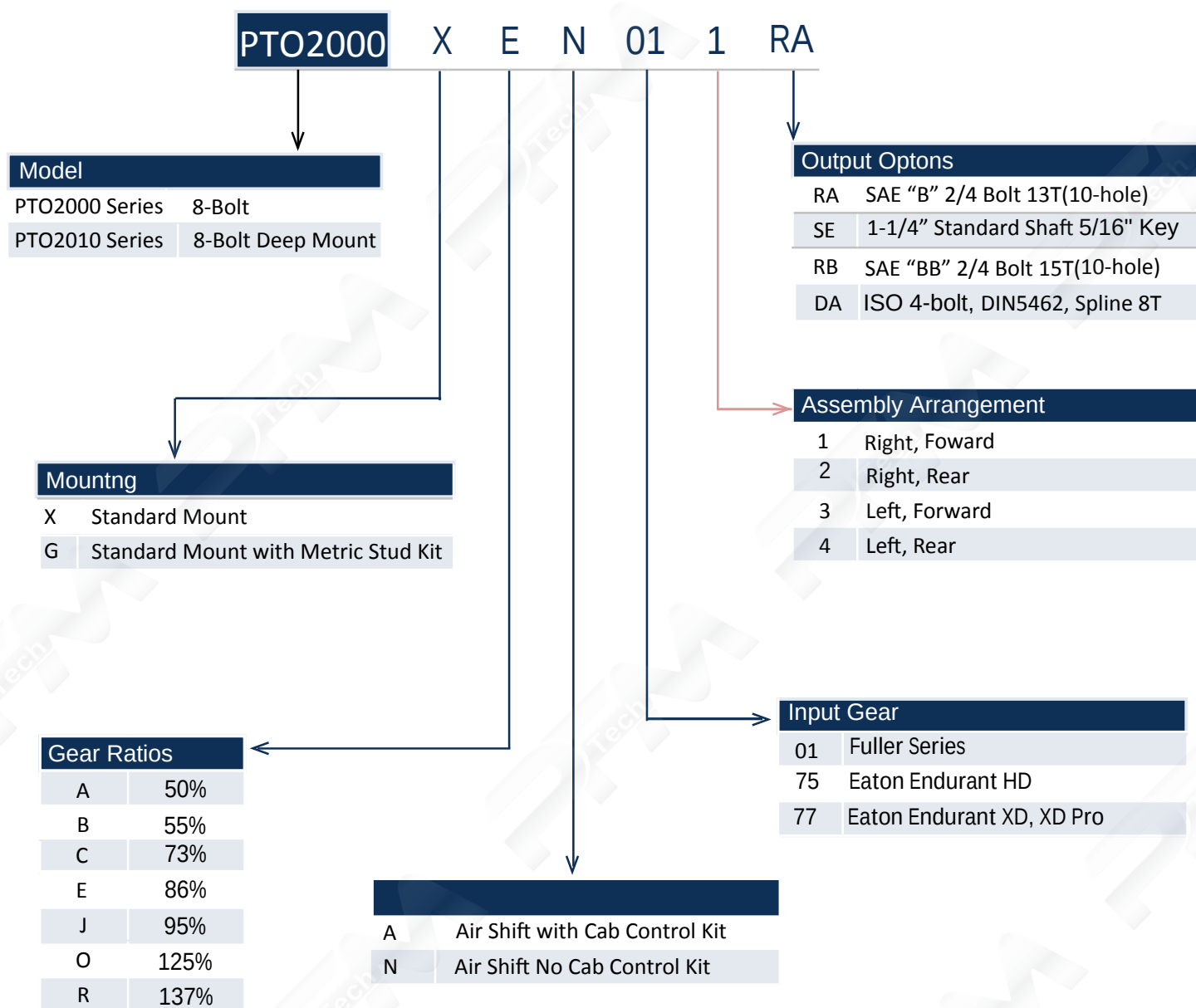
*1 More Output Options

SE: Round Standard Shaft 1 1/4 " 5/16" Key

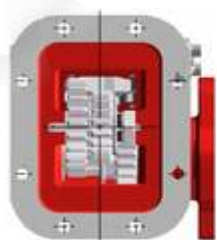
RA: SAE B 2/4-Bolt Flange, SAE B Shaft 13T (10-hole Flange)

RB: SAE B 2/4-Bolt Flange, SAE B Shaft 15T (10-hole Flange)

DA: ISO 4-bolt, Spline 8T



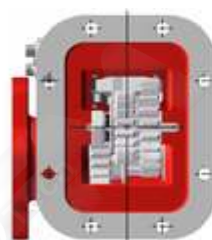
Assembly Arrangement



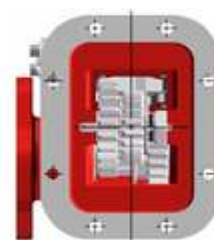
Assembly 1



Assembly 2



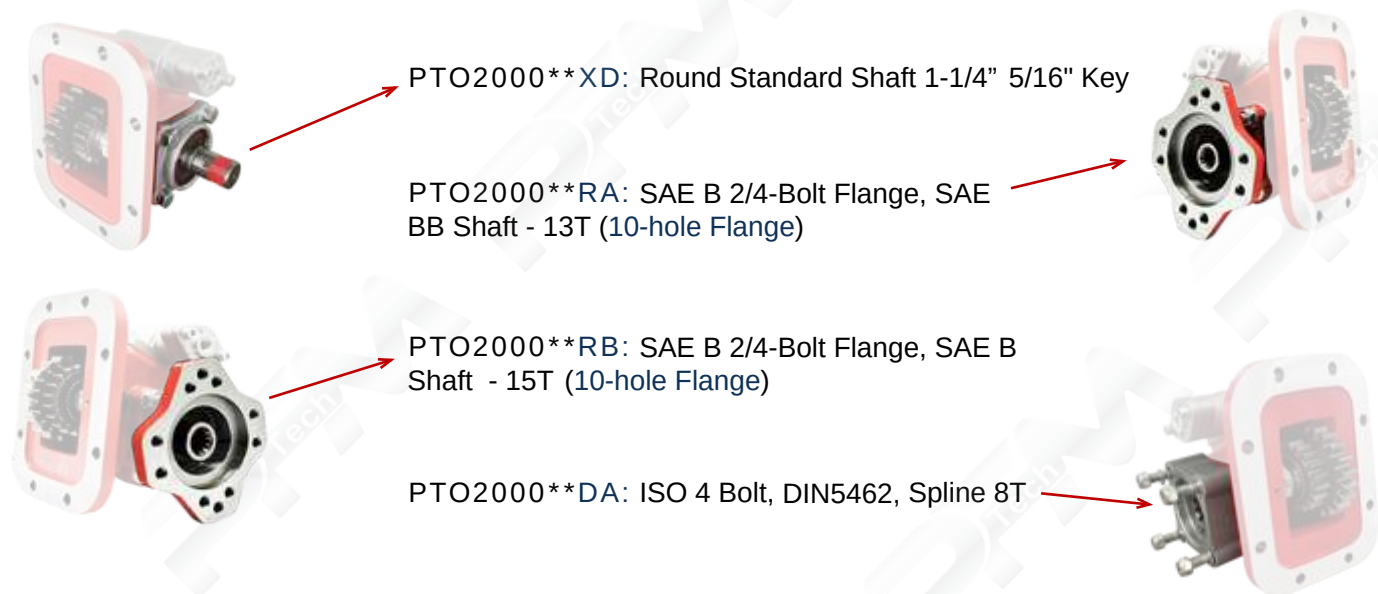
Assembly 3



Assembly 4

A1-3: PTO2000 Series

Output Options Description



Interchange Reference List

PTO2000 Series PTOs — OEM Cross-Reference

PFM Model No.	Muncie	Bezares	Buyers	World American	Newstar · S&S
PTO2000 = Bezares 2000 series · internal components are 100 % interchangeable					
PTO2000CEA013RA	TG8S-U6809-A3KX	2000CEA013RA	P2000CEA013RA	WA20-08-7040	S-D693
PTO2000XBA011RA	TG8S-U6806-A1KX	2000XBA011RA	P2000XBA011RA	WA20-08-7008	S-C534
PTO2000XBA011RB	—	2000XBA011RB	—	—	—
PTO2000XBA011SE	TG8B-U6806-A1BX	2000XBA011SE	P2000XBA011SE	WA20-08-7029	S-C715
PTO2000XBA013RA	TG8S-U6806-A3KX	2000XBA013RA	P2000XBA013RA	WA20-08-7052	S-D692
PTO2000XBN011DA	—	2000XBN011DA	P2000XBN011DA	WA20-08-7031	—
PTO2000XBN011RA	TG8B-U6806-P1KX	2000XBN011RA	P2000XBN011RA	WA20-08-7030	S-10723
PTO2000XBN011RB	—	2000XBN011RB	P2000XBN011RB	WA20-08-7057	—
PTO2000XBN011SE	TG8S-U6806-P1BX	2000XBN011SE	P2000XBN011SE	WA20-08-7004	S-C716
PTO2000XBN013RA	TG8S-U6805-P3KX	2000XBN013RA	P2000XBN013RA	WA20-08-7003	—
PTO2000XBN013SE	TG8S-U6806-P3BX	2000XBN013SE	P2000XBN013SE	WA20-08-7007	S-10898
PTO2000XBS011RA	—	2000XBS011RA	P2000XBS011RA	WA20-08-7045	S-10725
PTO2000XBS011SE	—	2000XBS011SE	P2000XBS011SE	WA20-08-7086	S-E258
PTO2000XBS013RA	—	2000XBS013RA	P2000XBS013RA	WA20-08-7054	S-10896
PTO2000XBT011RA	—	2000XBT011RA	P2000XBT011RA	WA20-08-7055	—
PTO2000XBT013RA	—	2000XBT013RA	P2000XBT013RA	WA20-08-7056	—
PTO2000XCA011RA	TG8S-U6808-A1KX	2000XCA011RA	P2000XCA011RA	WA20-08-7046	S-16121
PTO2000XCA011SE	TG8S-U6807-A1BX	2000XCA011SE	P2000XCA011SE	WA20-08-7042	S-E591
PTO2000XCA013RA	TG8S-U6807-A3KX	2000XCA013RA	P2000XCA013RA	WA20-08-7089	S-E795
PTO2000XCA243RA	—	2000XCA243RA	P2000XCA243RA	WA20-08-7059	—
PTO2000XCN011RA	TG8B-U6807-P1KX	2000XCN011RA	P2000XCN011RA	WA20-08-7001	S-10731
PTO2000XCN011SE	TG8S-U6807-P1BX	2000XCN011SE	P2000XCN011SE	WA20-08-7002	S-E754
PTO2000XCN013RA	TG8S-U6807-P3KX	2000XCN013RA	P2000XCN013RA	WA20-08-7012	S-E789
PTO2000XCN243RA	—	2000XCN243RA	P2000XCN243RA	WA20-08-7060	—
PTO2000XCS011RA	—	2000XCS011RA	P2000XCS011RA	WA20-08-7014	S-F065

A1-3: PTO2000 Series

Interchange Reference List (continued)

PTO2000 Series PTOs — OEM Cross-Reference

PFM Model No.	Muncie	Bezares	Buyers	World American	Newstar · S&S
PTO2000XCT011RA	—	2000XCT011RA	P2000XCT011RA	WA20-08-7032	—
PTO2000XCW011RA	TG8S-U6807-C1KX	2000XCW011RA	P2000XCW011RA	WA20-08-7058	S-E778
PTO2000XCW011SE	TG8S-U6807-C1BX	2000XCW011SE	P2000XCW011SE	WA20-08-7022	S-E128
PTO2000XEA011RA	TG8B-U6809-A1KX	2000XEA011RA	P2000XEA011RA	WA20-08-7017	S-C622
PTO2000XEA011SE	TG8S-U6809-A1BX	2000XEA011SE	P2000XEA011SE	WA20-08-7018	S-C662
PTO2000XEA013SE	TG8S-U6808-A3BX	2000XEA013SE	P2000XEA013SE	WA20-08-7033	S-E792
PTO2000XEA051RA	—	2000XEA051RA	P2000XEA051RA	WA20-08-7062	—
PTO2000XEA273RA	TG8S-F1108-A3KX	2000XEA273RA	P2000XEA273RA	WA20-08-7064	S-12440
PTO2000XEN011RA	TG8S-U6809-P1KX	2000XEN011RA	P2000XEN011RA	WA20-08-7005	S-C623
PTO2000XEN011SE	TG8S-U6808-P1BX	2000XEN011SE	P2000XEN011SE	WA20-08-7006	S-C714
PTO2000XEN013RA	TG8S-U6809-P3KX	2000XEN013RA	P2000XEN013RA	WA20-08-7027	S-E788
PTO2000XEN013SE	TG8S-U6808-P3BX	2000XEN013SE	P2000XEN013SE	WA20-08-7026	S-10906
PTO2000XEN051RA	—	2000XEN051RA	P2000XEN051RA	WA20-08-7063	—
PTO2000XES011RA	—	2000XES011RA	P2000XES011RA	WA20-08-7061	S-E261
PTO2000XEW011RA	TG8S-U6808-C1KX	2000XEW011RA	P2000XEW011RA	WA20-08-7028	S-D700
PTO2000XEW011SE	TG8S-U6808-C1BX	2000XEW011SE	P2000XEW011SE	WA20-08-7010	S-E127
PTO2000XJA011RA	—	2000XJA011RA	P2000XJA011RA	WA20-08-7051	S-10748
PTO2000XJA011SE	TG8S-U6809-A1BX	2000XJA011SE	P2000XJA011SE	WA20-08-7034	S-D788
PTO2000XJA013RA	—	2000XJA013RA	P2000XJA013RA	WA20-08-7066	S-10911
PTO2000XJN011RA	TG8S-U6809-P1KX	2000XJN011RA	P2000XJN011RA	WA20-08-7038	S-10747
PTO2000XJN011SE	TG8S-U6809-P1BX	2000XJN011SE	P2000XJN011SE	WA20-08-7067	S-D789
PTO2000XJN013RA	—	2000XJN013RA	P2000XJN013RA	WA20-08-7090	S-E791
PTO2000XJN273RA	TG8S-F1109-P3KX	2000XJN273RA	P2000XJN273RA	WA20-08-7069	S-12447
PTO2000XJW011RA	TG8S-U6809-C1KX	2000XJW011RA	P2000XJW011RA	WA20-08-7041	S-E169
PTO2000XJW011SE	TG8S-U6809-C1BX	2000XJW011SE	P2000XJW011SE	WA20-08-7023	S-E170
PTO2000XOA011RA	TG8S-U6812-A1KX	2000XOA011RA	P2000XOA011RA	WA20-08-7019	S-D599
PTO2000XOA011SE	TG8S-U6812-A1BX	2000XOA011SE	P2000XOA011SE	WA20-08-7035	S-D656
PTO2000XON011RA	TG8S-U6812-P1KX	2000XON011RA	P2000XON011RA	WA20-08-7070	S-D600
PTO2000XON011SE	TG8S-U6812-P1BX	2000XON011SE	P2000XON011SE	WA20-08-7020	S-D657
PTO2000XON273RA	TG8S-F1112-P3KX	2000XON273RA	P2000XON273RA	WA20-08-7073	—
PTO2000XOT273RA	—	2000XOT273RA	P2000XOT273RA	WA20-08-7072	—
PTO2000XOW011RA	TG8S-U6812-C1KX	2000XOW011RA	P2000XOW011RA	WA20-08-7071	S-D791
PTO2000XRA011SE	TG8S-U6814-P1BX	2000XRA011SE	P2000XRA011SE	WA20-08-7133	S-11292
PTO2000XRN011RA	TG8S-U6814-P1KX	2000XRN011RA	P2000XRN011RA	WA20-08-7142	S-12455
PTO2000XTA011SE	TG8S-U6817-P1BX	2000XTA011SE	P2000XTA011SE	—	S-12155
PTO2000XTN011RA	TG8S-U6817-P1KX	2000XTN011RA	P2000XTN011RA	—	S-12153

Additional Standard Models

Also available from PFM — OEM cross-references are not published for these models.

PTO2000XAN011DA	PTO2000XAN013SE	PTO2000XEN011DA	PTO2000XON011DA	PTO2000XRN011SE
PTO2000XAN011RA	PTO2000XBN013DA	PTO2000XEN013DA	PTO2000XON013DA	PTO2000XRN013DA
PTO2000XAN011SE	PTO2000XCN011DA	PTO2000XJN011DA	PTO2000XON013RA	PTO2000XRN013RA
PTO2000XAN013DA	PTO2000XCN013DA	PTO2000XJN013DA	PTO2000XON013SE	PTO2000XRN013SE
PTO2000XAN013RA	PTO2000XCN013SE	PTO2000XJN013SE	PTO2000XRN011DA	

Brand names and part numbers are the property of their respective owners and are used for identification purposes only.

A1-3: PTO2010 Series

Interchange Reference List

PTO2010 Series PTOs — OEM Cross-Reference

PFM Model No.	Muncie	Bezares	Buyers	World American	Newstar · S&S
PTO2010 = Bezares 2010 series · internal components are 100 % interchangeable					
PTO2010XBA243RA	TG8D-M6506-A3KX	2010XBA243RA	P2010XBA243RA	WA20-08-7076	S-11030
PTO2010XBA243SE	TG8D-M6506-A3BX	2010XBA243SE	P2010XBA243SE	WA20-08-7075	S-11034
PTO2010XBN011RA	—	2010XBN011RA	P2010XBN011RA	WA20-08-7074	S-21703
PTO2010XBN243RA	TG8D-M6506-P3KX	2010XBN243RA	P2010XBN243RA	WA20-08-7078	S-11029
PTO2010XBN243SE	TG8D-M6506-P3BX	2010XBN243SE	P2010XBN243SE	WA20-08-7077	S-11033
PTO2010XCA243RA	TG8D-M6507-A3KX	2010XCA243RA	P2010XCA243RA	WA20-08-7079	S-10111
PTO2010XCN243RA	TG8D-M6507-P3KX	2010XCN243RA	P2010XCN243RA	WA20-08-7081	S-10113
PTO2010XCT243RA	—	2010XCT243RA	P2010XCT243RA	WA20-08-7080	—
PTO2010XJN243RA	TG8D-M6509-P3KX	2010XJN243RA	P2010XJN243RA	WA20-08-7085	S-10117
PTO2010XJN243SE	TG8D-M6509-P3BX	2010XJN243SE	P2010XJN243SE	WA20-08-7082	S-10118
PTO2010XOA243SE	TG8D-M6512-A3BX	2010XOA243SE	P2010XOA243SE	WA20-08-7083	S-10124
PTO2010XON243SE	TG8D-M6512-P3BX	2010XON243SE	P2010XON243SE	WA20-08-7084	S-10126

Additional Standard Models

Also available from PFM — OEM cross-references are not published for these models.

PTO2010XAN751DA
PTO2010XAN751RA
PTO2010XAN751SE
PTO2010XBN751DA

PTO2010XBN751RA
PTO2010XBN751SE
PTO2010XCN751DA
PTO2010XCN751RA

PTO2010XCN751SE
PTO2010XEN751DA
PTO2010XEN751RA
PTO2010XEN751SE

PTO2010XJN751DA
PTO2010XJN751RA
PTO2010XJN751SE
PTO2010XON751RA

PTO2010XON751SE
PTO2010XRN751RA
PTO2010XRN751SE

A1-4: PTO1000 Series

The 1000 Series PTO is high-performance power take-offs with a convenient pneumatic shift system for smooth operation. Its 6-bolt design offers excellent adaptability, compatible with major manual transmissions like Eaton Fuller, Tremec, and Mack. Crafted from high-strength cast iron with heavy-duty bearings, it ensures stable performance in harsh application conditions.



Key Features

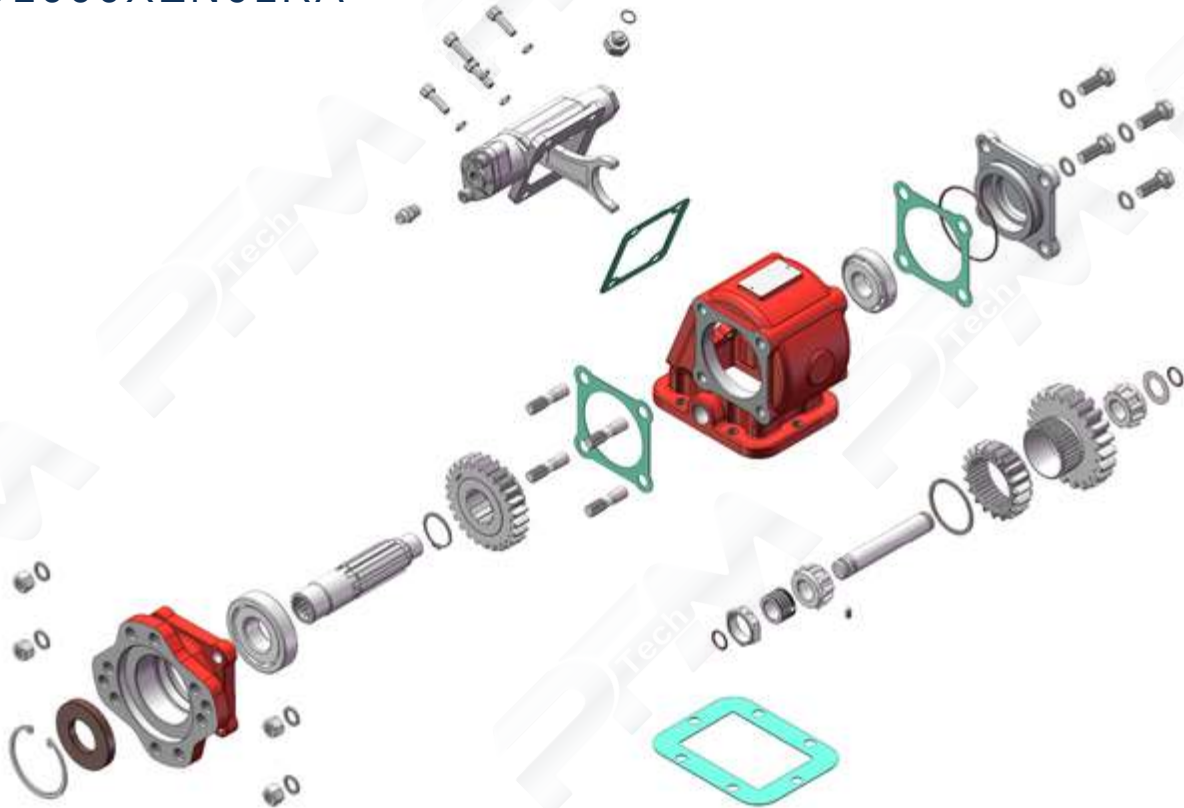
- 6-bolt mounting configuration
- Pneumatic shift actuation
- One-piece cast iron construction
- Multiple gear ratios & output options
- 100 % part-by-part interchangeable
- Deep-mount design for Eaton Endurant Series transmissions

Applications

- Utility trucks
- Dump trucks
- Dump Trailers
- Fire & rescue vehicles
- Snow and ice removal
- More vehicles



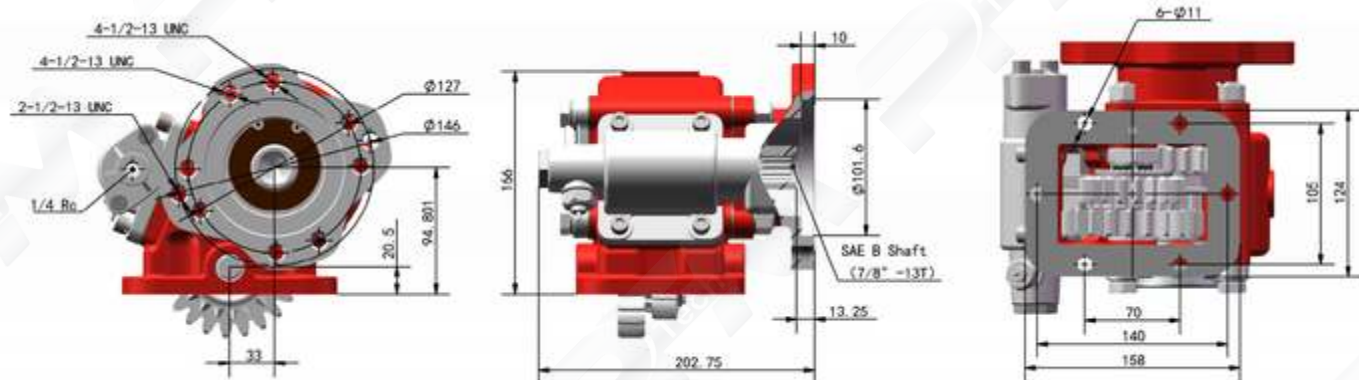
Exploded View PTO1000XEN01RA



A1-4: PTO1000 Series



Dimension Drawing
PTO1000XEN011RA



Technical Specifications

Input Gear Options: 01 / 75

Gear Ratio Options: B / C / E / J / O / R

Shift Type: Pneumatic Shift

Mounting Type: 8-Bolt

Intermittent Torque: 200 to 250 lb-ft / 271 to 339Nm

Continuous Torque: De-Rate Torque Rating 30%

Output Type: SAE B 2/4-Bolt Flange, SAE B Shaft 7/8" - 13T (*1 More Output Options)

Shaft Power: 26-35kw(500rpm) 51-69kw(1000rpm) /35hp-47hp(500rpm) 69hp-93hp(1000rpm)

Weight: Approximate 12kg

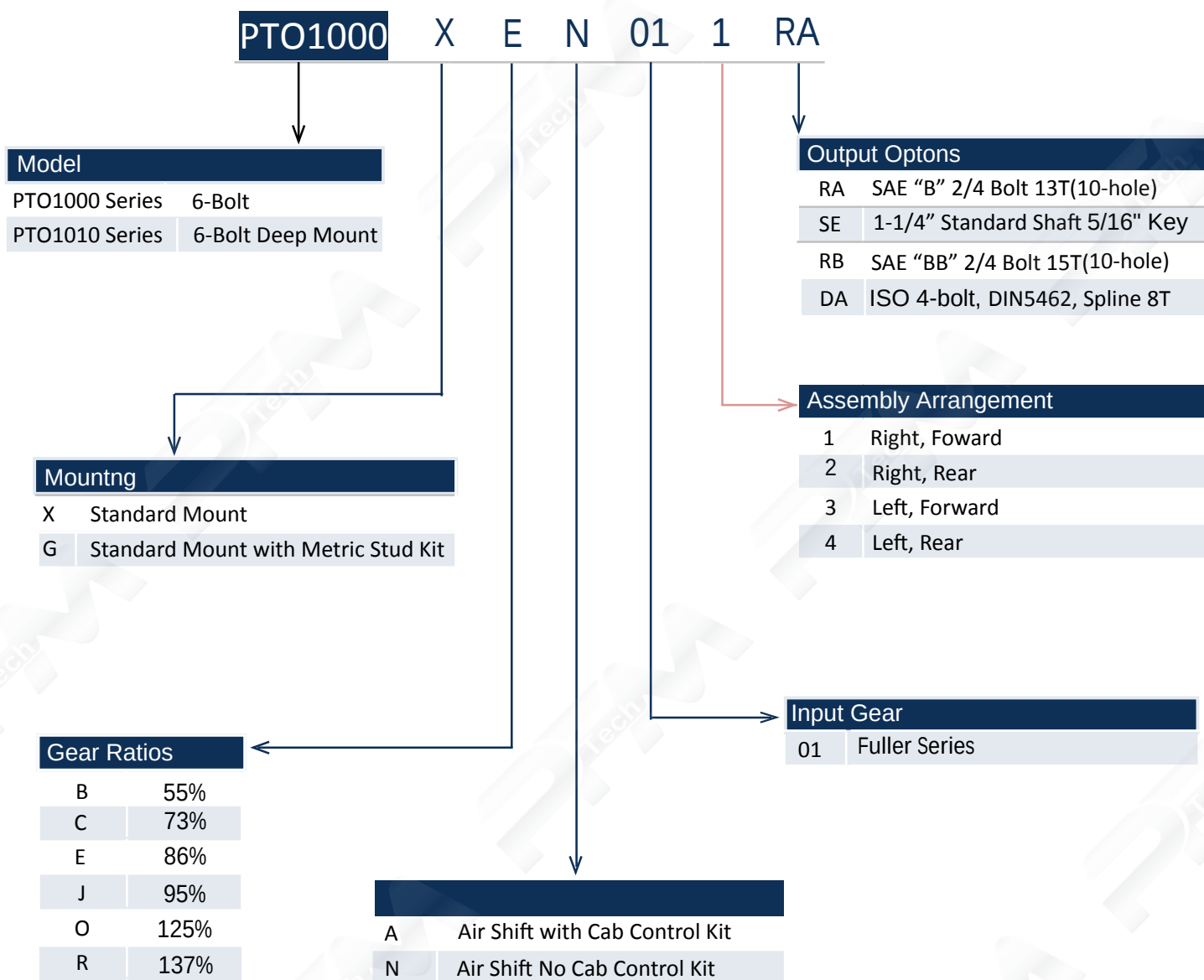
*1 More Output Options

SE: Round Standard Shaft 1 1/4" 5/16" Key

RA: SAE B 2/4-Bolt Flange, SAE B Shaft 13T (10-hole Flange)

RB: SAE B 2/4-Bolt Flange, SAE B Shaft 15T (10-hole Flange)

DA: ISO 4-bolt, Spline 8T



Assembly Arrangement



Assembly 1



Assembly 2



Assembly 3



Assembly 4

A1-4: PTO1000 Series

Output Options Description



PTO1000**XD: Round Standard Shaft 1-1/4" 5/16" Key



PTO1000**RA: SAE B 2/4-Bolt Flange, SAE B Shaft - 13T (10-hole Flange)



PTO1000**RB: SAE BB 2/4-Bolt Flange, SAE B Shaft - 15T (10-hole Flange)



PTO1000**DA: ISO 4 Bolt, DIN5462, Spline 8T

Interchange Reference List

PTO1000 & PTO1010 Series PTOs — OEM Cross-Reference

PFM Model No.	Muncie	Bezares	Buyers	World American	Newstar · S&S
PTO1000 / PTO1010 = Bezares 1000 / 1010 series · internal components are 100 % interchangeable					
PTO1000PBA011RA	TG6S-U6806-A1KX	1000PBA011RA	P1000PBA011RA	WA20-06-5082	S-C722
PTO1000PBA011SE	TG6S-U6806-A1BX	1000PBA011SE	P1000PBA011SE	WA20-06-5124	S-C624
PTO1000PBN011RA	TG6S-U6806-P1KX	1000PBN011RA	P1000PBN011RA	WA20-06-5022	S-C723
PTO1000PBN011SE	TG6S-U6806-P1BX	1000PBN011SE	P1000PBN011SE	WA20-06-5021	S-C625
PTO1000XBN011RA	TG6B-U6806-P1KX	1000XBN011RA	P1000XBN011RA	WA20-06-5012	S-10627
PTO1000XBN011SE	TG6B-U6806-P1BX	1000XBN011SE	P1000XBN011SE	WA20-06-5005	S-10631
PTO1000XBW011SE	TG6S-U6806-C1BX	1000XBW011SE	P1000XBW011SE	WA20-06-5023	S-D706
PTO1000XBW014XK	TG6S-U6806-C4KX	1000XBW014XK	P1000XBW014XK	WA20-06-5002	S-10542
PTO1000XCA011RA	TG6S-U6807-A1KX	1000XCA011RA	P1000XCA011RA	WA20-06-5010	S-E755
PTO1000XCA011SE	TG6S-U6807-A1BX	1000XCA011SE	P1000XCA011SE	—	S-E757
PTO1000XCN011RA	TG6S-U6807-P1KX	1000XCN011RA	P1000XCN011RA	WA06S4LIN-NRFD	S-10635
PTO1000XCN011SE	TG6S-U6807-P1BX	1000XCN011SE	P1000XCN011SE	WA20-06-5077	S-E758
PTO1000XCN251RA	—	1000XCN251RA	P1000XCN251RA	WA20-06-5093	—
PTO1000XCW503SE	—	1000XCW503SE	P1000XCW503SE	WA20-06-5024	—
PTO1000XEA011RA	TG6S-U6808-A1KX	1000XEA011RA	P1000XEA011RA	WA20-06-5029	S-C720
PTO1000XEA011SE	TG6S-U6808-A1BX	1000XEA011SE	P1000XEA011SE	WA20-06-5028	S-B395
PTO1000XEA021SE	—	1000XEA021SE	P1000XEA021SE	WA20-06-5026	—
PTO1000XEA171RA	TG6S-F6308-A1KX	1000XEA171RA	P1000XEA171RA	WA20-06-5007	S-10825
PTO1000XEA171SE	TG6S-F6308-A1BX	1000XEA171SE	P1000XEA171SE	WA20-06-5096	S-10829
PTO1000XEN011RA	TG6S-U6808-P1KX	1000XEN011RA	P1000XEN011RA	WA20-06-5000	S-C721

A1-4: PTO1000 Series

Interchange Reference List (continued)

PTO1000 & PTO1010 Series PTOs — OEM Cross-Reference

PFM Model No.	Muncie	Bezares	Buyers	World American	Newstar · S&S
PTO1000XEN011SE	TG6S-U6808-P1BX	1000XEN011SE	P1000XEN011SE	WA20-06-5105	S-C620
PTO1000XEN021SE	—	1000XEN021SE	P1000XEN021SE	WA20-06-5027	—
PTO1000XEN171RA	TG6S-F6308-P1KX	1000XEN171RA	P1000XEN171RA	WA20-06-5090	S-10824
PTO1000XEN171SE	TG6S-F6308-P1BX	1000XEN171SE	P1000XEN171SE	WA20-06-5091	S-10828
PTO1000XES011RA	—	1000XES011RA	P1000XES011RA	WA20-06-5003	S-E253
PTO1000XEW011RA	TG6S-U6808-C1KX	1000XEW011RA	P1000XEW011RA	WA20-06-5008	S-D701
PTO1000XEW011SE	TG6S-U6808-C1BX	1000XEW011SE	P1000XEW011SE	WA20-06-5104	S-D707
PTO1000XEW343SE	—	1000XEW343SE	P1000XEW343SE	WA20-06-5079	—
PTO1000XJA011RA	TG6S-U6809-A1KX	1000XJA011RA	P1000XJA011RA	WA20-06-5031	S-E031
PTO1000XJA011SE	TG6S-U6809-A1BX	1000XJA011SE	P1000XJA011SE	WA20-06-5030	S-E029
PTO1000XJA053SE	—	1000XJA053SE	P1000XJA053SE	WA20-06-5035	—
PTO1000XJA171RA	TG6S-F6310-A1KX	1000XJA171RA	P1000XJA171RA	WA20-06-5038	S-E893
PTO1000XJN011RA	TG6S-U6809-P1KX	1000XJN011RA	P1000XJN011RA	WA20-06-5033	S-E032
PTO1000XJN011SE	TG6S-U6809-P1BX	1000XJN011SE	P1000XJN011SE	WA20-06-5032	S-E030
PTO1000XJN053SE	—	1000XJN053SE	P1000XJN053SE	WA20-06-5036	—
PTO1000XJN171RA	TG6S-F6309-P1KX	1000XJN171RA	P1000XJN171RA	WA20-06-5039	S-10832
PTO1000XJW011RA	TG6S-U6809-C1KX	1000XJW011RA	P1000XJW011RA	WA20-06-5004	S-E165
PTO1000XJW011SE	TG6S-U6809-C1BX	1000XJW011SE	P1000XJW011SE	WA20-06-5034	S-E166
PTO1000XJW112SE	—	1000XJW112SE	P1000XJW112SE	WA20-06-5037	—
PTO1000XOA011RA	TG6S-U6812-A1KX	1000XOA011RA	P1000XOA011RA	WA20-06-5107	S-D761
PTO1000XOA011SE	TG6S-U6812-A1BX	1000XOA011SE	P1000XOA011SE	WA20-06-5109	S-D759
PTO1000XOA171RA	TG6S-F6312-A1KX	1000XOA171RA	P1000XOA171RA	WA20-06-5043	S-E142
PTO1000XOA171SE	TG6S-F6312-A1BX	1000XOA171SE	P1000XOA171SE	WA20-06-5042	S-E890
PTO1000XOA343RA	—	1000XOA343RA	P1000XOA343RA	WA20-06-5050	—
PTO1000XOA663RA	—	1000XOA663RA	P1000XOA663RA	WA20-06-5018	—
PTO1000XON011RA	TG6S-U6812-P1KX	1000XON011RA	P1000XON011RA	WA20-06-5232	S-D762
PTO1000XON011SE	TG6S-U6812-P1BX	1000XON011SE	P1000XON011SE	WA20-06-5108	S-D760
PTO1000XON113SE	—	1000XON113SE	P1000XON113SE	WA20-06-5041	—
PTO1000XON171RA	TG6S-F6312-P1KX	1000XON171RA	P1000XON171RA	WA20-06-5046	S-10836
PTO1000XON171SE	TG6S-F6312-P1BX	1000XON171SE	P1000XON171SE	WA20-06-5045	S-10838
PTO1000XON173RA	TG6S-F6312-P3KX	1000XON173RA	P1000XON173RA	WA20-06-5047	S-10587
PTO1000XON343RA	—	1000XON343RA	P1000XON343RA	WA20-06-5051	—
PTO1000XOT171RA	—	1000XOT171RA	P1000XOT171RA	WA20-06-5044	—
PTO1000XOW113RA	—	1000XOW113RA	P1000XOW113RA	WA20-06-5019	—
PTO1000XOW171SE	TG6S-F6312-C1BX	1000XOW171SE	P1000XOW171SE	WA20-06-5048	S-E455
PTO1000XOW173RA	TG6S-F6312-C3KX	1000XOW173RA	P1000XOW173RA	WA20-06-5049	S-E736

A1-4: PTO1000 Series

Interchange Reference List (continued)

PTO1000 & PTO1010 Series PTOs — OEM Cross-Reference

PFM Model No.	Muncie	Bezares	Buyers	World American	Newstar · S&S
PTO1000XOW333SE	TG6S-S6112-C3BX	1000XOW333SE	P1000XOW333SE	WA20-06-5083	S-12718
PTO1000XOW513SE	—	1000XOW513SE	P1000XOW513SE	WA20-06-5052	—
PTO1000XRN014RA	TG6S-U6815-P4KX	1000XRN014RA	P1000XRN014RA	WA20-06-5054	S-11225
PTO1000XRN171RA	TG6S-F6315-P1KX	1000XRN171RA	P1000XRN171RA	WA20-06-5092	S-11248
PTO1000XRW011SE	TG6S-U6815-C1BX	1000XRW011SE	P1000XRW011SE	WA20-06-5055	S-11216
PTO1000XRW014RA	TG6S-U6815-C4KX	1000XRW014RA	P1000XRW014RA	WA20-06-5056	S-11228
PTO1000XRW171RA	TG6S-FF6315-C1KX	1000XRW171RA	P1000XRW171RA	WA20-06-5058	S-11251
PTO1000XRW173RA	TG6S-F6315-C3KX	1000XRW173RA	P1000XRW173RA	WA20-06-5098	S-11259
PTO1000XRW173SE	TG6S-F6315-C3BX	1000XRW173SE	P1000XRW173SE	WA20-06-5059	S-11263
PTO1000XRW333RA	TG6S-S6115-C3KX	1000XRW333RA	P1000XRW333RA	WA20-06-5057	S-12722
PTO1000XRW333SE	625N14PAX-C5DS	1000XRW333SE	P1000XRW333SE	WA20-06-5020	S-16949
PTO1000XTA171SE	TG6S-F6318-A1BX	1000XTA171SE	P1000XTA171SE	WA20-06-5067	S-12348
PTO1000XTN011RA	TG6S-U6818-P1KX	1000XTN011RA	P1000XTN011RA	WA20-06-5062	S-12145
PTO1000XTN014RA	TG6S-U6818-P4KX	1000XTN014RA	P1000XTN014RA	WA20-06-5063	S-12121
PTO1000XTN171SE	TG6S-F6318-P1BX	1000XTN171SE	P1000XTN171SE	WA20-06-5068	S-12347
PTO1000XTT011RA	—	1000XTT011RA	P1000XTT011RA	WA20-06-5061	—
PTO1000XTW014RA	TG6S-U6818-C4KX	1000XTW014RA	P1000XTW014RA	WA20-06-5065	S-12124
PTO1000XTW014SE	TG6S-U6818-C4BX	1000XTW014SE	P1000XTW014SE	WA20-06-5064	S-12128
PTO1000XTW113RA	—	1000XTW113RA	P1000XTW113RA	WA20-06-5066	—
PTO1000XTW173SE	TG6S-F6318-C3BX	1000XTW173SE	P1000XTW173SE	WA20-06-5069	S-12342
PTO1010XBA011RA	TG6D-S6806-A1KX	1010XBA011RA	P1010XBA011RA	WA20-06-5071	S-11059
PTO1010XBN011RA	TG6D-S6806-P1KX	1010XBN011RA	P1010XBN011RA	WA20-06-5078	S-11058
PTO1010XCA241RA	TG6D-M6507-A1KX	1010XCA241RA	P1010XCA241RA	WA20-06-5072	S-10943
PTO1010XCN241RA	TG6D-M6507-P1KX	1010XCN241RA	P1010XCN241RA	WA20-06-5073	S-10942
PTO1010XCN243RA	TG6D-M6507-P3KX	1010XCN243RA	P1010XCN243RA	WA20-06-5006	S-15531
PTO1010XCT241RA	—	1010XCT241RA	P1010XCT241RA	WA20-06-5095	—
PTO1010XEA343RA	625D8NFX-A5AL	1010XEA343RA	P1010XEA343RA	WA20-06-5074	S-18257
PTO1010XEN343RA	—	1010XEN343RA	P1010XEN343RA	WA20-06-5075	—
PTO1010XTW241RA	TG6D-M6506-P1KX	1010XTW241RA	P1010XTW241RA	WA20-06-5085	S-10934
PTO1010XTW343SE	625D17NFX-C5DS	1010XTW343SE	P1010XTW343SE	WA20-06-5084	S-17895

Additional Standard Models

Also available from PFM — OEM cross-references are not published for these models.

PTO1000XBN011DA
PTO1000XBN013RA
PTO1000XBN013SE
PTO1000XCN011DA
PTO1000XCN013RA

PTO1000XCN013SE
PTO1000XEN011DA
PTO1000XEN013RA
PTO1000XEN013SE
PTO1000XJN011DA

PTO1000XJN013RA
PTO1000XJN013SE
PTO1000XON011DA
PTO1000XON013RA
PTO1000XON013SE

PTO1000XRN011RA
PTO1000XRN011SE
PTO1000XRN013RA
PTO1000XRN013SE
PTO1010XCN011RA

PTO1010XEN011RA
PTO1010XJN011RA
PTO1010XON011RA

Brand names and part numbers are the property of their respective owners and are used for identification purposes only.



SECTION A2

PTOs For Allison

Constant-mesh and heavy-duty PowerShift power take-offs purpose-built for Allison automatic transmissions.

PTO267 Series

PTO852 Series

PTO880 Series

For other product requirements, please contact our sales team.
如有其他产品需求请联系公司销售

A2-1: PTO267 Series



The 267 Series PTO is a constant mesh (non-shiftable) power take-off (PTO) designed primarily for Allison automatic transmissions. It features a 10-bolt design and is built for continuous duty applications such as refuse handling and snow removal. This series is known for providing up to 20% higher torque capacity compared to standard PTOs, making it suitable for demanding mobile hydraulic applications like yard jockey trucks. It offers multiple speed ratios and output options for versatility.

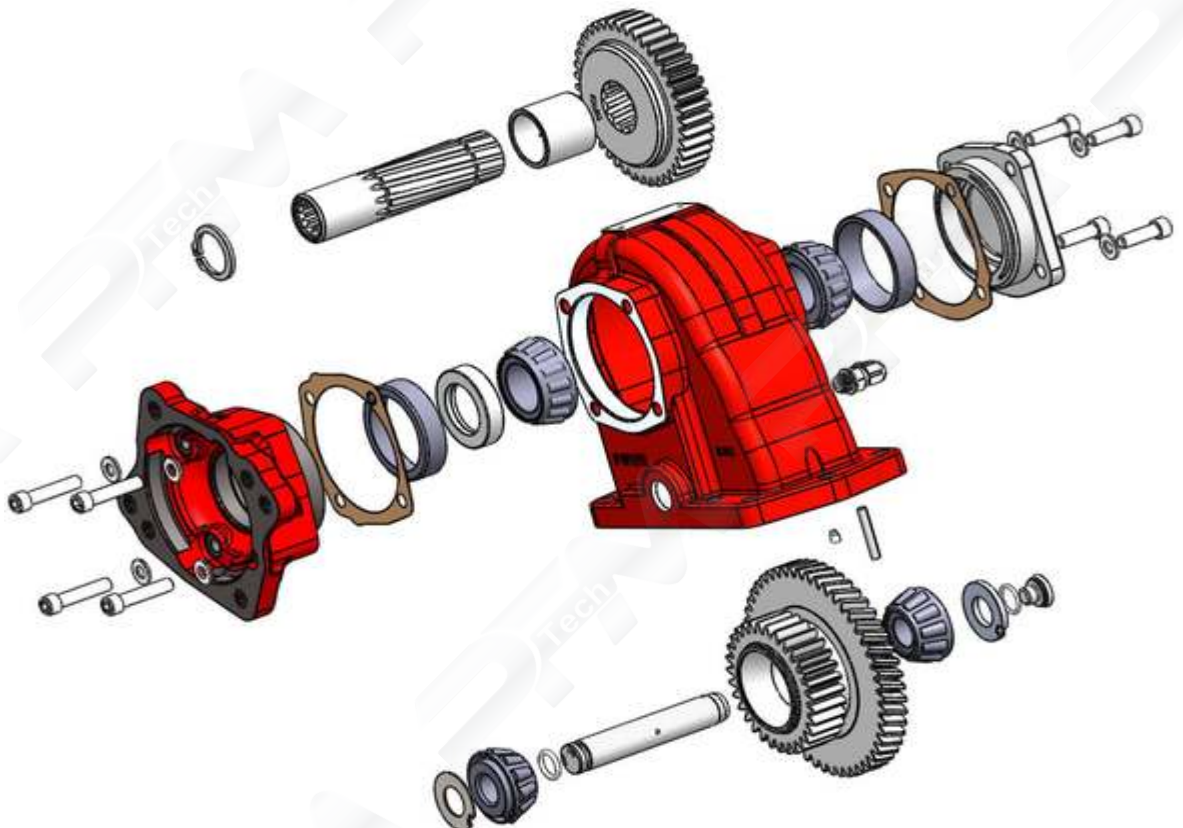
Key Features

- Engineered Specifically for Allison Automatic Transmissions
- 10-Bolt Design for Robust Mounting
- Up to 20% Higher Torque Capacity Than Standard PTOs
- Designed for Continuous Duty Applications
- Constant Mesh (Non-Shiftable) Operation
- Ideal for Demanding Mobile Hydraulic Systems

Applications

- Garbage Packers
- Refueling Trucks
- Yard Spotter Trucks
- Snow Removal Vehicles
- Oil Field Service Vehicles
- Mobile Lubrication Rigs

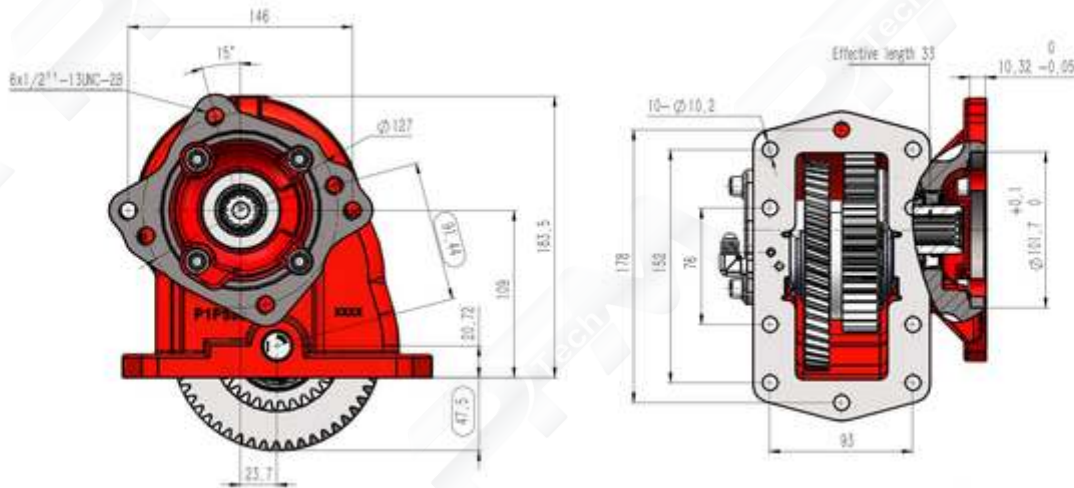
Exploded View PTO267XGFJP-M5XK



A2-1: PTO267 Series



Dimension Drawing
PTO267XGFJP-M5XK



Technical Specifications

Input Gear Options: FJ

Gear Ratio Options: B / C / D / G / M / S

Shift Type: Constant Mesh

Mounting Type: 10-Bolt

Intermittent Torque & Continuous Torque:: 251 to 332 lb-ft / 340 to 450Nm

Output Type: SAE B 2/4-Bolt Flange, SAE B Shaft 7/8" - 13T (*1 More Output Options)

Max Shaft Power: 18-24kw (500rpm) 36-48kw (1000rpm) / 24-32hp (500rpm) 48-64hp (1000rpm)

Weight: Approximate 16 kg

*1 More Output Options

XD: Round Standard Shaft 1 1/4 " 5/16" Key

XK: SAE B 2/4-Bolt Flange, SAE B Shaft 13T (6-hole Flange)

XY: DIN5462, ISO 4-bolt, Spline 8T

PTO267 X G FJ P - M 5 XK

Model

PTO267 Series 10-Bolt

Mountng

X Standard Mount

S Super Torque

Gear Ratios

B 25/47

C 26/46

D 28/44

G 31/41

M 35/37

S 39/33

Input Gear

FJ Allison, CAT, AND SO ON

Output Options

XK SAE B 2/ 4-Bolt , Shaft (7/8" - 13T)

XD 1-1/4" Standard Shaft 5/16" Key

XY ISO7653, DIN 5462 Shaft

Assembly Arrangement

3 Right, Foward

5 Left, Forward

Shift Option

M Constant Mesh

Lube Option

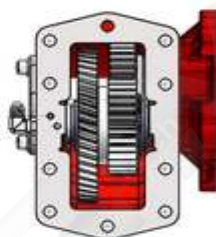
P Pressure Lube

W Wet Spline

Assembly Arrangement



Assembly 3

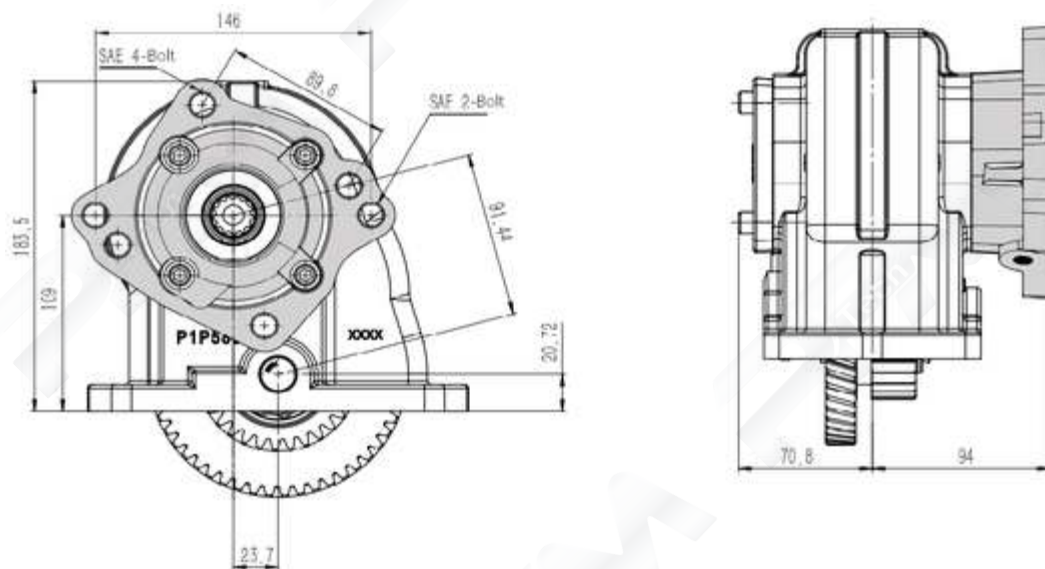


Assembly 5

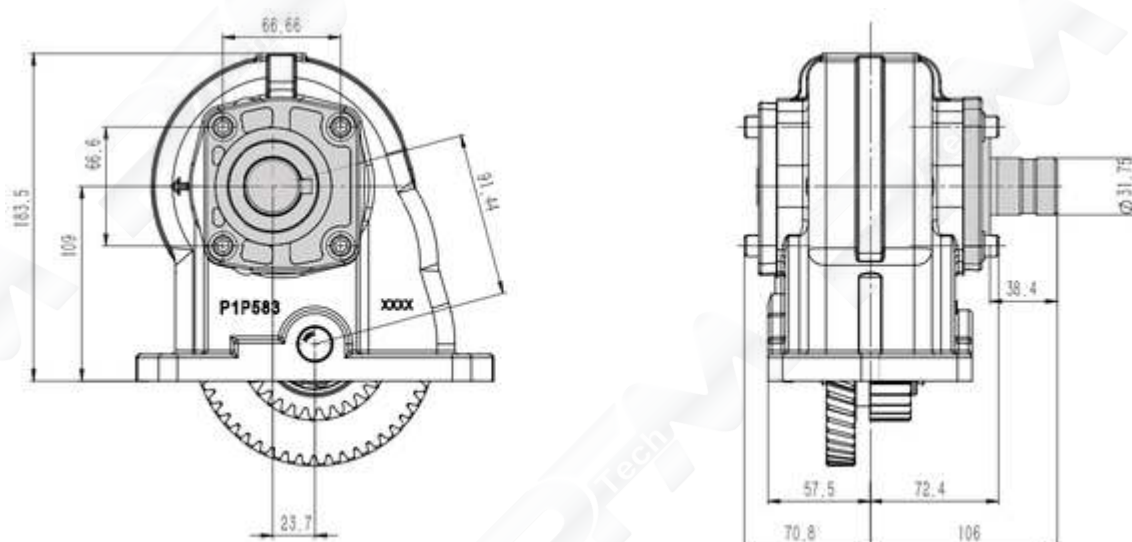
A2-1: PTO267 Series

Output Options Description

PTO267**XK: SAE B 2&4 Bolt, Internal spline Connection -13T



PTO267**XD: Round Standard Shaft (1-1/4"-5/16" Key)



A2-2: PTO852 Series



The 852 Series PTO is a heavy-duty, hydraulic PowerShift Power Take-Off (PTO) designed for demanding applications. It features a cast iron housing, heavy-duty ball bearings on the output shaft, and a large clutch pack, providing an intermittent torque rating of up to 494 lbs-ft. Known for its reliability and long service life, it offers three output options, three internal speed ratios, and three shift options for versatility.

Key Features

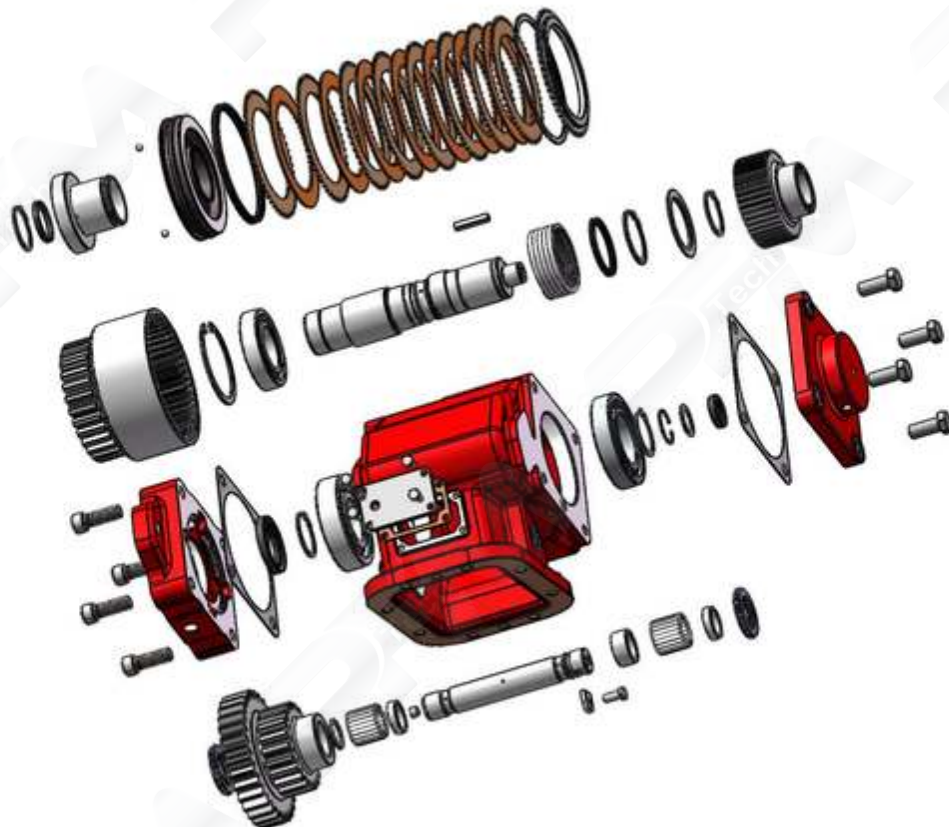
- Heavy-Duty Construction with Cast Iron Housing
- High Intermittent Torque Capacity
- Heavy-Duty Ball Bearings on Output Shaft
- Multiple Configuration Options
- Designed for Demanding Applications
- Renowned for Reliability and Long Service Life

Applications

- Oil Field Service Vehicles
- Dump Trucks
- Concrete Mixer Trucks
- Fire and rescue vehicles
- Industrial Cranes

Exploded View

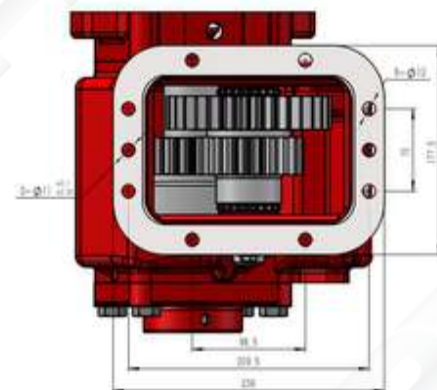
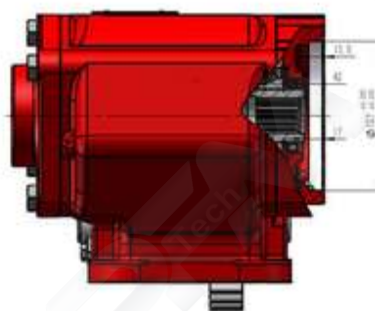
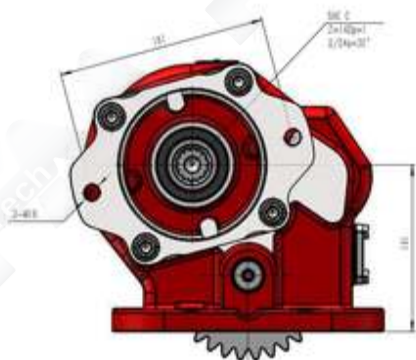
PTO852XGAKP-F6XS



A2-2: PTO852 Series



Dimension Drawing
PTO852XGAKP-F6XS



Technical Specifications

Input Gear Options: AK

Gear Ratio Options: B / G / J

Shift Type: Dynamic clutch

Mounting Type: 8-Bolt

Intermittent Torque & Continuous Torque: 494 lb-ft / 670 Nm

Output Type: SAE B 2 -Bolt Flange, SAE C Shaft (1-1/4" - 14T) (*1 More Output Options)

Max Shaft Power: 48HP (500 RPM), 95HP (1000 RPM) / 36kW (500 RPM), 71kW (1000 RPM)

Weight: Approximate 40 kg

*1 More Output Options

XV: 1410 Flange

XU: SAE C 2-Bolt Flange, SAE C Shaft (1-1/4" - 14T)

XS: SAE C 4-Bolt Flange, SAE C Shaft (1-1/4" - 14T)

PTO852 X G AK P - F 6 XS

Model

PTO852 Series 8-Bolt

Mounting

X Standard Mount

Gear Ratios

B	18/32
G	21/29
J	23/27

Input Gear

AK Allison , AND SO ON

Output Options

XV	1410 Flange
XU	SAE C 2-Bolt , SAE C Shaft (1-1/4" - 14T)
XS	SAE C 4-Bolt , SAE C Shaft (1-1/4" - 14T)

Assembly Arrangement

4	Right, Forward
6	Left, Forward

Shift Option

F	No Valve
B	12V Elec/Hyd
D	24V Elec/Hyd
M	Constant Mesh

Lube Option

P	Pressure Lube
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Assembly Arrangement



Assembly 4

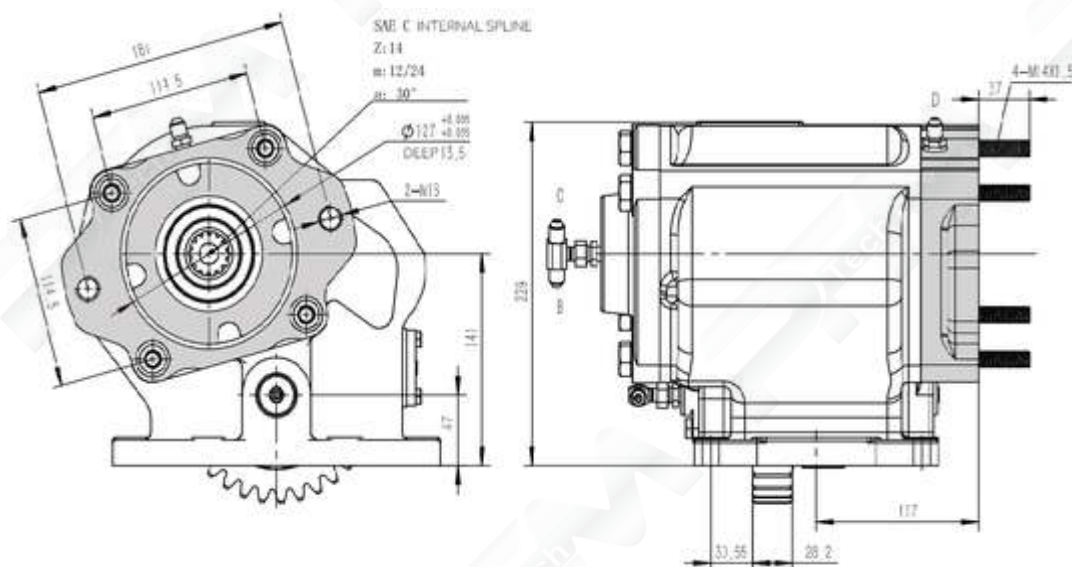


Assembly 6

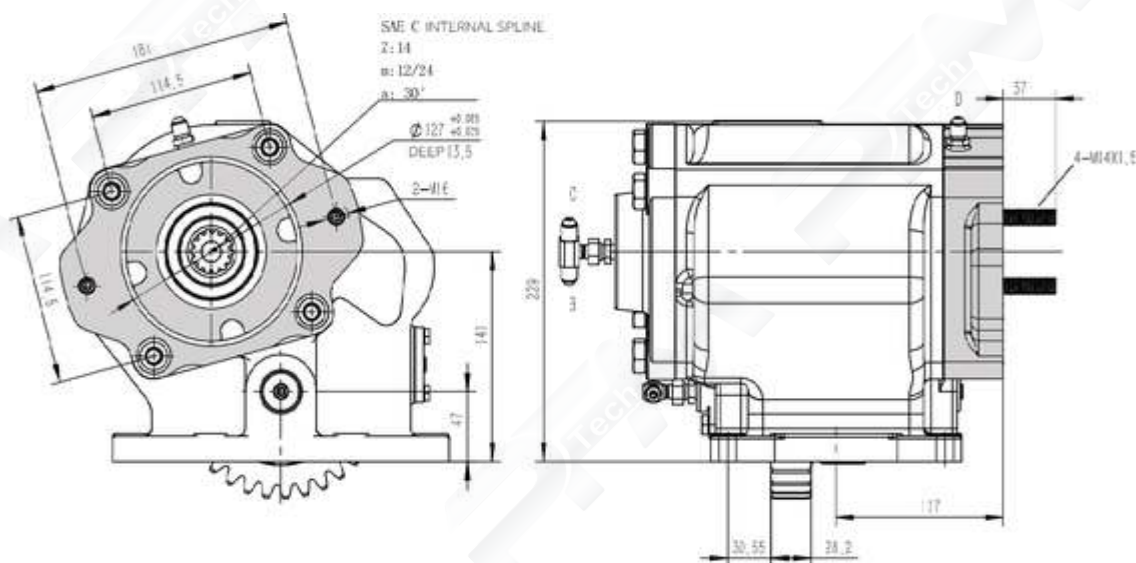
A2-2: PTO852 Series

Output Options Description

PTO852**XS: SAE C 4-Bolt, Internal spline Connection - 14T



PTO852**XU: SAE C 2-Bolt, Internal spline Connection - 14T



A2-3: PTO880 Series



The 880 Series PTO is a heavy-duty, 8-bolt mechanical shift Power Take-Off (PTO) designed for demanding applications. It's built with a cast iron housing for durability and offers an intermittent torque rating of up to 494 lb-ft. This PTO is known for its versatility, fitting most manual transmissions and supporting various output options like SAE pump flanges and drivelines.

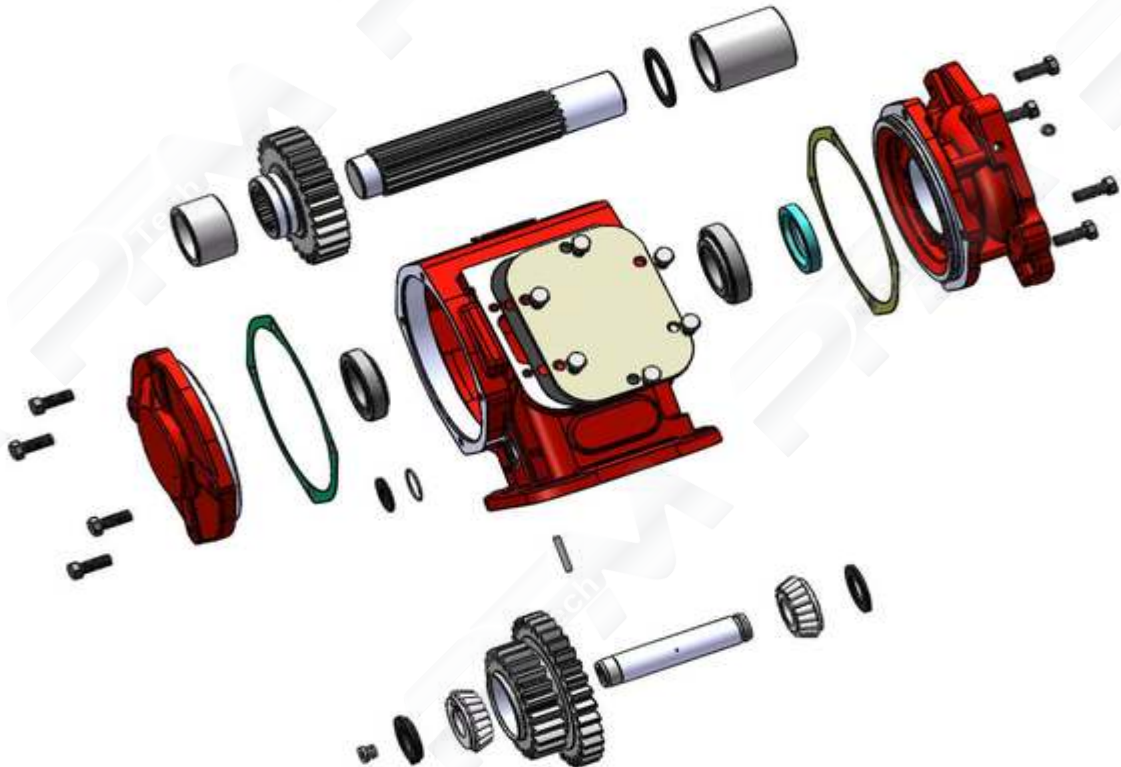
Key Features

- Heavy-Duty 8-Bolt with Cast Iron Housing
- High Torque Capacity
- Versatile Compatibility
- Multiple Output Options
- Dual-Counter Shaft Design

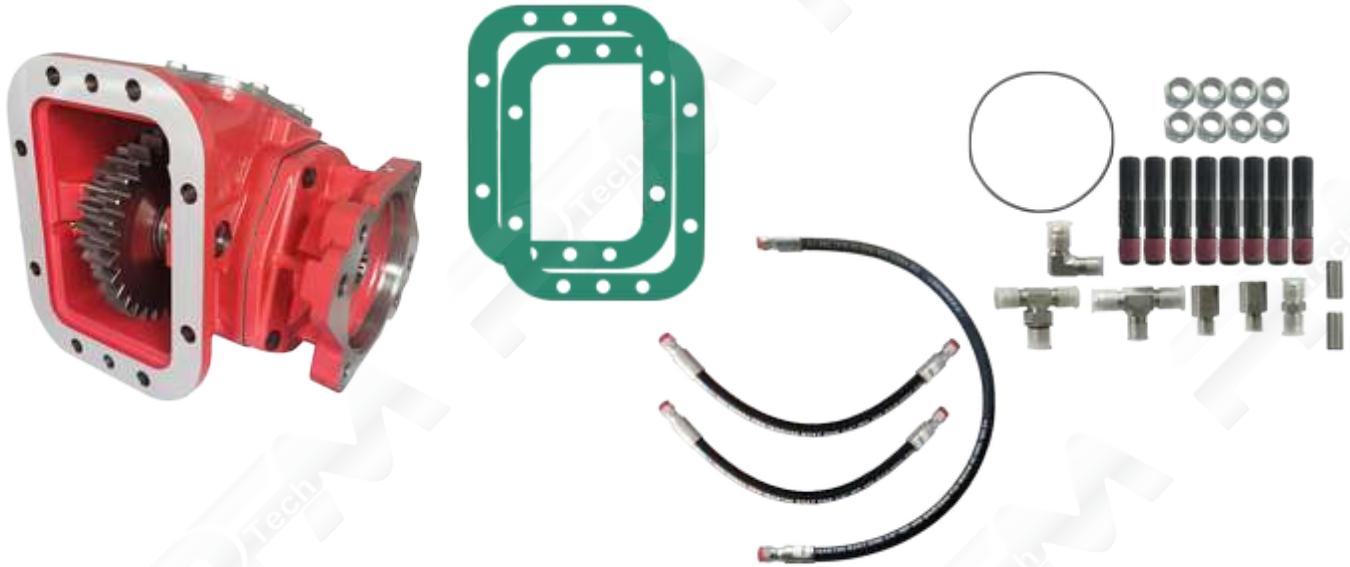
Applications

- Bulk Handling Trucks
- Fire Trucks
- Oil Drilling Rigs & Equipment
- Other Applications

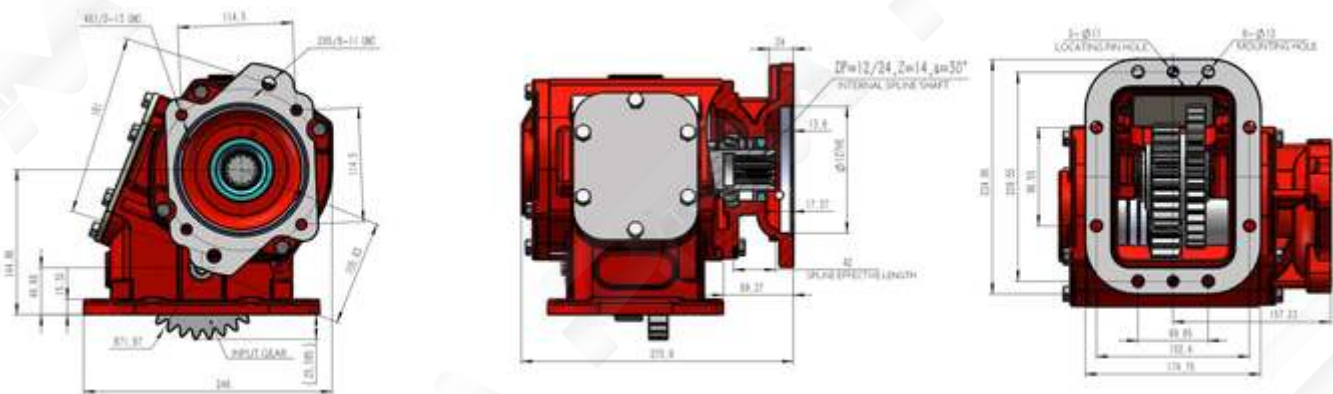
Exploded View PTO880XBAKP-M4XS



A2-3: PTO880 Series



Dimension Drawing
PTO880XBAKP-M4XS



Technical Specifications

Input Gear Options: AK / AH / DA / BG

Gear Ratio Options: B / D / G / J / M / Q / R / T

Shift Type: Constant Mesh

Mounting Type: 8-Bolt

Intermittent Torque & Continuous Torque: 347 lb-ft to 494 lb-ft / 470 Nm to 670 Nm

Output Type: SAE C 2 & 4-Bolt Flange, SAE C Shaft (1-1/4" - 14T)(*1 More Output Options)

Max Shaft Power: 48HP (500 RPM), 95HP (1000 RPM) / 36kW (500 RPM), 71kW (1000 RPM)

Weight: Approximate 29 kg

*1 More Output Options

XV: 1410 Flange

XU: SAE C 2-Bolt Flange, SAE C Shaft (1-1/4" - 14T)

XS: SAE C 4-Bolt Flange, SAE C Shaft (1-1/4" - 14T)

PTO880 X B AK P - M 4 XS

Model

PTO880 Series 8-Bolt

Mountng

X Standard Mount

Gear Ratios

B	18/32
D	20/30
J	23/27

*The rest are still under development.

Input Gear

AK Allison , AND SO ON

*The rest are still under development.

Output Options

XV	1410 Flange
XU	SAE C 2-Bolt , SAE C Shaft (1-1/4" - 14T)
XS	SAE C 2&4-Bolt , SAE C Shaft (1-1/4" - 14T)

Assembly Arrangement

4	Right, Foward
6	Left, Forward

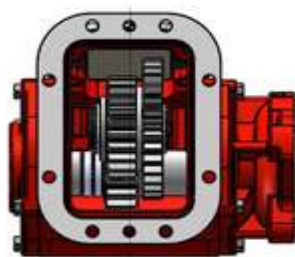
Shift Option

F	No Valve
B	12V Elec/Hyd
D	24V Elec/Hyd
M	Constant Mesh

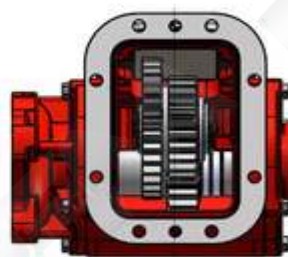
Lube Option

P	Pressure Lube
---	---------------

Assembly Arrangement



Assembly 4

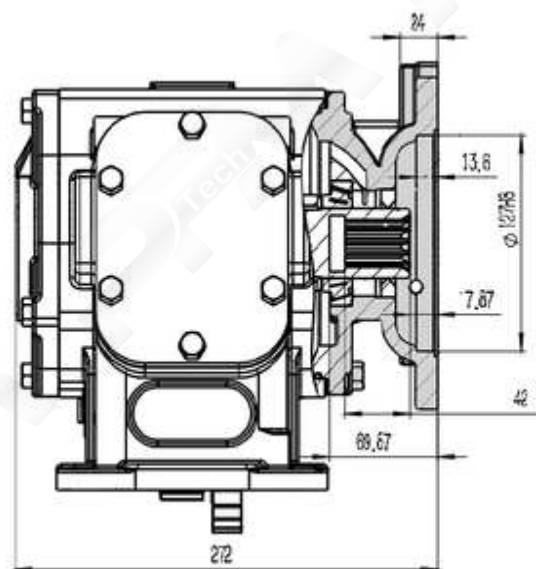
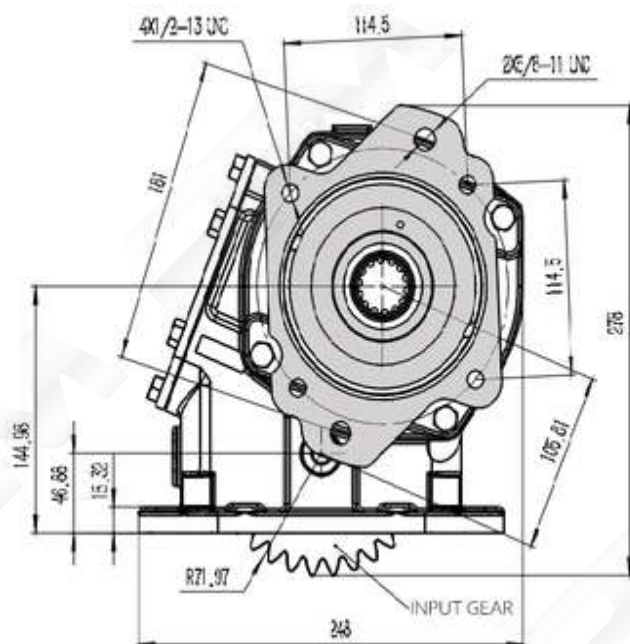


Assembly 6

A2-3: PTO880 Series

Output Options Description

PTO880**XS: SAE C 2 & 4-Bolt, Internal spline Connection - 14T





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