



MUNCIE POWER PRODUCTS

Product Bulletin #00103

Subject: A30 Series Production Launch

Date: June 15, 2021

URL: www.munciepower.com

The new A30 Series 10-Bolt power take-off is now available and ready for purchase, effective June 15, 2021.

PTO Information

The A30 is the new medium-duty constant drive PTO for Allison 3000 and 4000 Series family applications. The PTO will replace the CD10 and CD05 families of products moving forward. It is rated for up to 415 lbs-ft torque continuous/intermittent.

Special Features

- New output cover allowing for 6-degree increments and 30 unique flange positions
- Flange can be adjusted without disturbing any seals
- All bearings internally lubricated
- Housing design provides easy access to all mounting fasteners
- Rear cover can be rotated 360 degrees for ease of installation
- 3 housing arrangements, including 5 arrangement housing that features no offset (straight out from mounting face on transmission)
- Compatible with XSMC Shaft Extensions

Literature

- IN17-04 – PTO Operator's Manual
- IN21-01 – A20/A30 PTO Installation Instructions
- IN21-09 – A30 Activation Instructions
- SP21-02 – A30 Service Parts List
- MP21-02 – A20/A30 Brochure

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Model Number Construction

A30 – A10 10 - HX 3 BB PX - **

Model:

A30 – Medium-duty Constant Drive 10-Bolt

Transmission Gear:

A10 – Allison 10.16P RH

Internal Gear Ratio:

05 – .54:1	10 – .97:1
06 – .63:1	11 – 1.11:1
07 – .73:1	12 – 1.19:1
08 – .84:1	15 – 1.48:1
09 – 0.90:1	

Shift Type:

MX – Constant Drive

Assembly Arrangement:

1 – Right Side Shaft Low
3 – Left Side Shaft Low
5 – Top Mount (No offset)

Output Type:

1X – 1.25" Round Shaft with $\frac{5}{16}$ " Key
X4 – 1410 Companion Flange
II – DIN 5462 8 SPL
2I – DIN 5462 8 SPL Euro
BB – SAE "B" 2/4 Bolt Flange; SAE "B" $\frac{7}{8}$ "-13T Shaft
BS – SAE "B" 2 Bolt Flange; SAE "B" $\frac{7}{8}$ "-13T Shaft
PB – SAE "B" 2/4 Bolt Flange; SAE "BB" 1"-15T Shaft
BA – SAE "A" 2-Bolt Flange w/ SAE "B" $\frac{7}{8}$ "-13T Shaft
TA – SAE "A" 2-Bolt Flange w/ $\frac{3}{4}$ "-11T Shaft
X2 – DIN 120 Companion Flange
CB – EX Drive Mount
ZB – SAE B 2/4 Bolt; SAE "C" 1.25-14T Shaft

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Special Features:

PX – Standard Hose Kit

BX – Top Opening Hose Kit

UX – Pulse Generator + Standard Hose Kit

UB – Pulse Generator + Top Mount Hose Kit

XX – Hose Kit Delete

PW – Standard Hose Kit/ Wet Spline

Flange Position Code:

A1 through T3 – Custom Flange Position code

XX – Flange shipped loose

If left blank, flange will be positioned in standard orientation

For more information, please contact Muncie Power Products customer service 1-800-367-7867.

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