

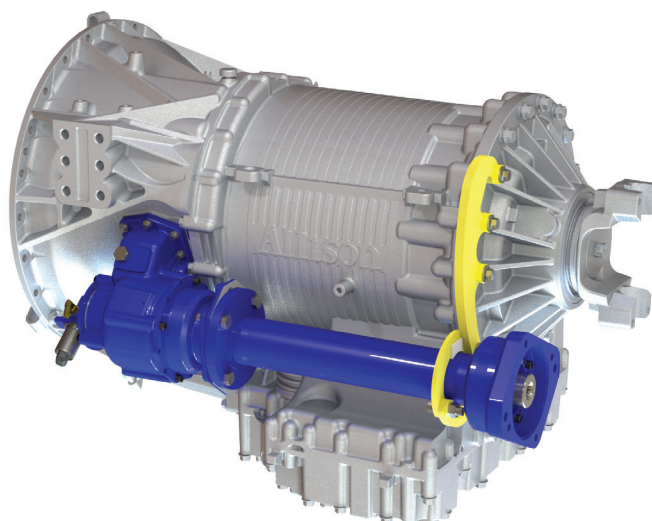
# EX DRIVE

## TITAN™ CLASS SHAFT EXTENSION



### TITAN SHAFT EXTENSIONS FOR ALLISON 3000 AND 4000 SERIES

Muncie Power's EX Drive, designed to fit on Allison 3000 and 4000 Series transmissions with or without a retarder or cooler, allows for large gear or piston pumps to be direct mounted. This ability to be direct mounted eliminates the need for timely driveline installations. Providing maximum torque from the PTO, the shaft extension is available for the Titan class of PTOs. The EX Drive is also available in SAE B, BB and C outputs, as well as DIN 5462.



#### KEY FEATURES

- Fits with Allison 3000/4000 with a retarder or a rear mounted cooler
- Direct mount large gear or piston pumps
- No need for driveline or front engine drives
- New J bracket simplifies and aids in installation
- Three-piece shaft to decrease lead time and reduce cost
- Less complex and stronger to improve reliability
- Steel housing system
- Features a wet spline design to enhance the spline durability for a longer life

#### MODEL NUMBER CONSTRUCTION

**XSMC-A30 XX-X3-C-C-X-X**

##### EX Drive - PTO

XSMC - For MC1

##### Transmission:

A30XX - Allison 3000  
A40XX - Allison 4000  
A47XX - Allison 4700 (without retarder or cooler)

##### Arrangement:

X3 - Left side shaft low\*  
X1 - Right side shaft low\*  
X2 - Right side shaft high  
X4 - Left side shaft high  
X5 - Top side (Allison 4000 & 4700 only)

##### EX Drive Output Shaft:

B - SAE B 7/8" - 13T spline  
C - SAE C 1.25" - 14T spline  
P - SAE BB 1.0" - 15T spline  
I - DIN 5462 8 Spline

##### EX Drive Mounting Flange:

B - SAE B 2/4-bolt  
C - SAE C 2/4-bolt  
I - DIN 5462

##### Transmission Feature:

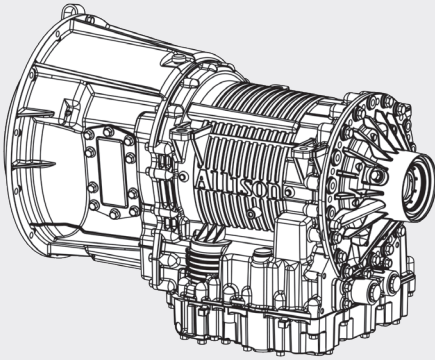
C - Direct mount cooler  
R - Integral retarder  
X - No retarder or cooler

##### EX Drive Special Features:

X - No special features  
C - Output flange cover

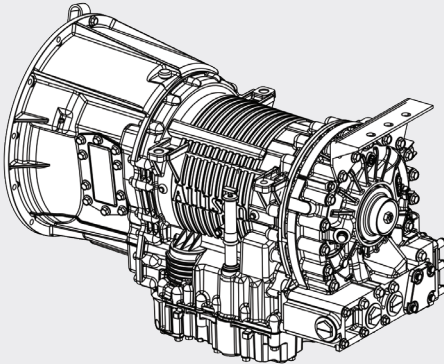
\* Shaft high arrangement (MC1 "5") required for applications utilizing an integral transmission oil cooler; applications involving a retarder will generally require the use of a shaft low arrangement for maximum clearance. Requires CB output on PTO

# SPECIFICATIONS



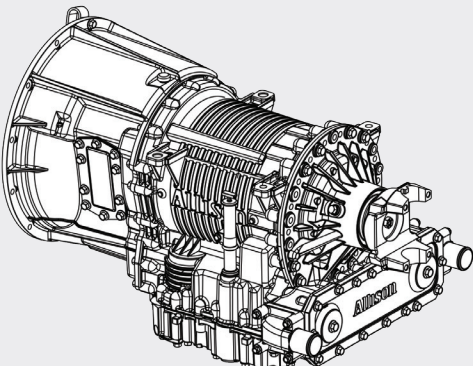
## ALLISON 3000 NO COOLER/RETARDER

OUTPUT	Left (Mounts to MC1-A10**-**3CBPW)	Right (Mounts to MC1-A10**-**1CBPW)
SAE "B" 2/4-Bolt	XSMC-A30XX-X3BBXX	XSMC-A30XX-X1BBXX
SAE "BB" 2/4-Bolt	XSMC-A30XX-X3PBXX	XSMC-A30XX-X1PBXX
SAE "C" 2/4-Bolt	XSMC-A30XX-X3CCXX	XSMC-A30XX-X1CCXX
SAE "B" 2/4-Bolt w/SAE "C" Shaft	XSMC-A30XX-X3CBXX	XSMC-A30XX-X1CBXX
DIN 5462	XSMC-A30XX-X3IIXX	XSMC-A30XX-X1IIXX



## ALLISON 3000 W/RETARDER

OUTPUT	Left (Mounts to MC1-A10**-**3CBPW)	Right (Mounts to MC1-A10**-**1CBPW)
SAE "B" 2/4-Bolt	XSMC-A30XX-X3BBRX	XSMC-A30XX-X1BBRX
SAE "BB" 2/4-Bolt	XSMC-A30XX-X3PBRX	XSMC-A30XX-X1PBRX
SAE "C" 2/4-Bolt	XSMC-A30XX-X3CCRX	XSMC-A30XX-X1CCRX
SAE "B" 2/4-Bolt w/SAE "C" Shaft	XSMC-A30XX-X3CBRX	XSMC-A30XX-X1CBRX
DIN 5462	XSMC-A30XX-X3IIRX	XSMC-A30XX-X1IIRX

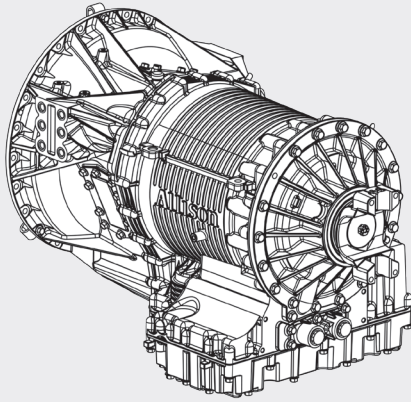


## ALLISON 3000 W/COOLER

OUTPUT	Left (Mounts to MC1-A10**-**5CBPW)	Right (Mounts to MC1-A10**-**5CBPW)
SAE "B" 2/4-Bolt	XSMC-A30XX-X4BBCX	XSMC-A30XX-X2BBCX
SAE "BB" 2/4-Bolt	XSMC-A30XX-X4PBCX	XSMC-A30XX-X2PBCX
SAE "C" 2/4-Bolt	XSMC-A30XX-X4CCCX	XSMC-A30XX-X2CCCX
SAE "B" 2/4-Bolt w/SAE "C" Shaft	XSMC-A30XX-X4CBCX	XSMC-A30XX-X2CBCX
DIN 5462	XSMC-A30XX-X4IICX	XSMC-A30XX-X2IICX

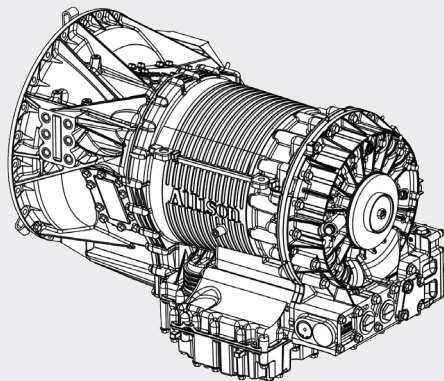
NOTE: PTO sold separately

# SPECIFICATIONS



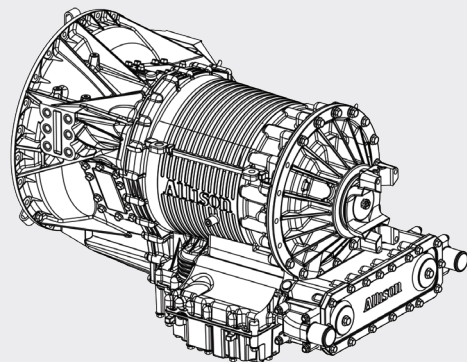
## ALLISON 4000 NO COOLER/RETARDER

OUTPUT	Left (Mounts to MC1-A10**-**3CBPW)	Top (Mounts to MC1-A10**-**5CBPW)
SAE "B" 2/4-Bolt	XSMC-A40XX-X3BBXX	XSMC-A40XX-X5BBXX
SAE "BB" 2/4-Bolt	XSMC-A40XX-X3PBXX	XSMC-A40XX-X5PBXX
SAE "C" 2/4-Bolt	XSMC-A40XX-X3CCXX	XSMC-A40XX-X5CCXX
SAE "B" 2/4-Bolt w/SAE "C" Shaft	XSMC-A40XX-X3CBXX	XSMC-A40XX-X5CBXX
DIN 5462	XSMC-A40XX-X3IIXX	XSMC-A40XX-X5IIXX



## ALLISON 4000 W/RETARDER

OUTPUT	Left (Mounts to MC1-A10**-**5CBPW)	Top (Mounts to MC1-A10**-**5CBPW)
SAE "B" 2/4-Bolt	XSMC-A40XX-X3BBRX	XSMC-A40XX-X5BBRX
SAE "BB" 2/4-Bolt	XSMC-A40XX-X3PBRX	XSMC-A40XX-X5PBRX
SAE "C" 2/4-Bolt	XSMC-A40XX-X3CCRX	XSMC-A40XX-X5CCRX
SAE "B" 2/4-Bolt w/SAE "C" Shaft	XSMC-A40XX-X3CBRX	XSMC-A40XX-X5CBRX
DIN 5462	XSMC-A40XX-X3IIRX	XSMC-A40XX-X5IIRX



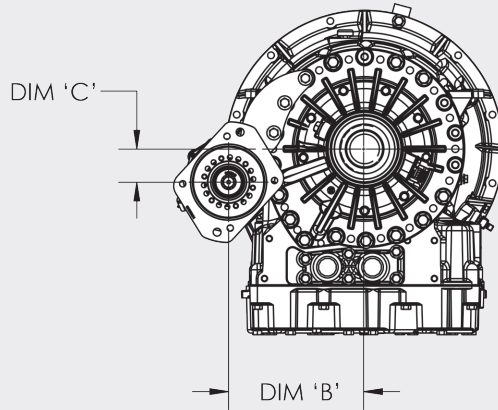
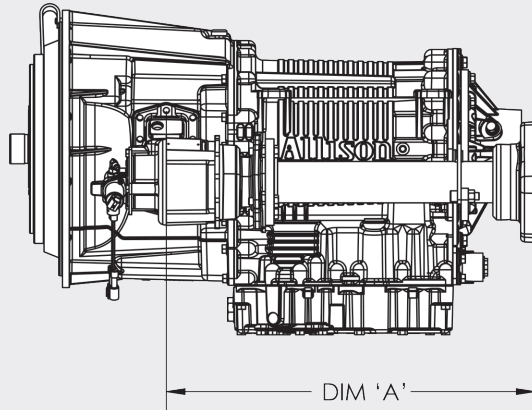
## ALLISON 4000 W/COOLER

OUTPUT	Left (Mounts to MC1-A10**-**5CBPW)	Top (Mounts to MC1-A10**-**5CBPW)
SAE "B" 2/4-Bolt	XSMC-A40XX-X4BBCX	XSMC-A40XX-X5BBXX
SAE "BB" 2/4-Bolt	XSMC-A40XX-X4PBCX	XSMC-A40XX-X5PBXX
SAE "C" 2/4-Bolt	XSMC-A40XX-X4CCCX	XSMC-A40XX-X5CCXX
SAE "B" 2/4-Bolt w/SAE "C" Shaft	XSMC-A40XX-X4CBCX	XSMC-A40XX-X5CBXX
DIN 5462	XSMC-A40XX-X4IICX	XSMC-A40XX-X5IIXX

NOTE: PTO sold separately

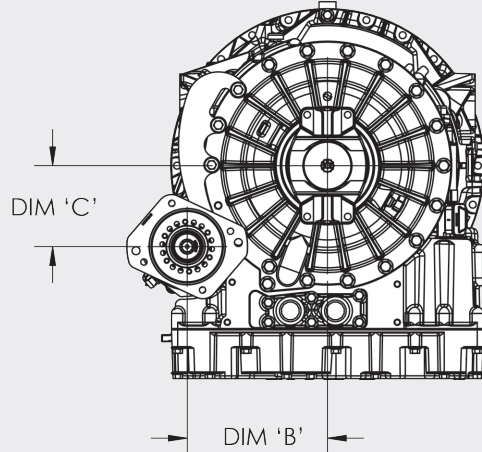
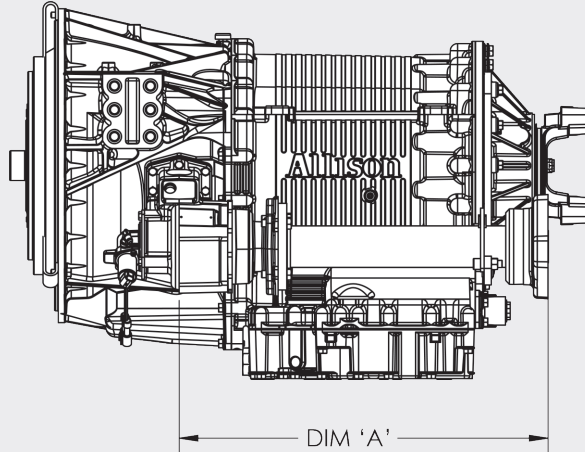
\* Uses Standard length version on top opening.

## DIMENSIONS



### ALLISON 3000 APPLICATIONS

EX DRIVE P/N	TRANSMISSION FEATURE	MOUNTING LOCATION	DIM A	DIM B	DIM C
XSMC-A30XX-X1**X*	None	Right	25.6	9.7	-2.1
XSMC-A30XX-X1**R*	Retarder	Right	28.9	9.7	-2.1
XSMC-A30XX-X3**X*	None	Left	25.6	-9.5	-2.2
XSMC-A30XX-X3**R*	Retarder	Left	28.9	-9.5	-2.2
XSMC-A30XX-X2**C*	Cooler	Right	28.9	9.7	-1.2
XSMC-A30XX-X4**C*	Cooler	Left	28.9	-9.7	-1.3



### ALLISON 4000 APPLICATIONS

EX DRIVE P/N	TRANSMISSION FEATURE	MOUNTING LOCATION	DIM A	DIM B	DIM C
XSMC-A40XX-X3**X*	None	Left	25.6	-9.7	-5.6
XSMC-A40XX-X3**R*	Retarder	Left	31.6	-10.4	-4.9
XSMC-A40XX-X4**C*	Cooler	Left	31.6	-10.4	-4.9
XSMC-A40XX-X5**X*	None	Top	25.6	3.5	10.8
XSMC-A40XX-X5**R*	Retarder	Top	31.6	3.5	10.8