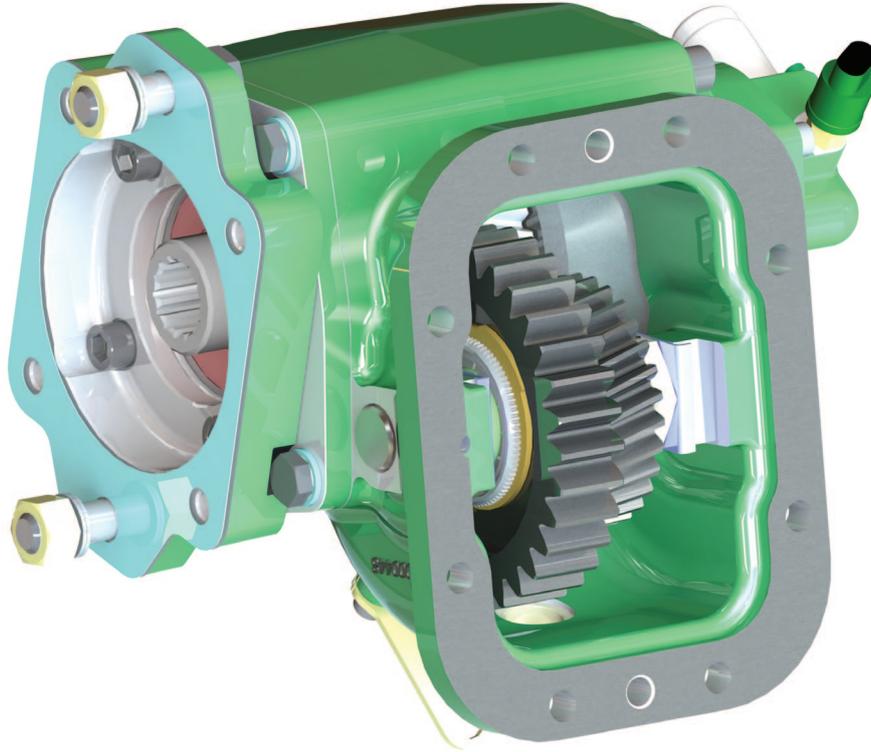


# Technical Data Sheet



## PA43 SERIES POWER TAKE-OFF

### TWO RATIO EXTRA HEAVY DUTY SIDE MOUNTED HOTSHIFT POWER TAKE-OFF

The 43 series is a constant mesh Hotshift PTO designed to suit the 8 bolt transmission openings on the 5000/6000 and 8000/9000 series Allison automatic transmissions.

This PTO has a high torque rating which is well suited to heavy duty applications.

#### SUITS:

Allison 5000/6000 and 8000/9000

## PRODUCT FEATURES

- **RATIO OF 1.04 OR 1.37 (TRANSMISSION DEPENDANT)**  
Giving good output values for all applications
- **INTERNAL CLUTCH SYSTEM**  
Ensuring no gear clash when engaging  
Ability to engage when moving
- **VITON SEALS AND 'O' RINGS**  
Ensuring compatibility with high temperature conditions
- **ONE GASKET FITMENT**  
Simple to install, resulting in lower installation costs.
- **LOW PROFILE**  
Providing easier installation on narrow chassis.
- **BALANCING LIFTING**  
Easy & effortless installation.

POWAUTO

DAVID BROWN  
HYDRAULICS

HYDRECO

**HYDRECO**  
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HYDRAULIC SOLUTIONS PROVIDER

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# Technical Data Sheet

## PTO DESIGNATION CODES

### Identifier

PA = PTO Side mount

### PTO series

43

### Ratio (5000 & 6000 / 8000 & 9000)

-1 = 87 / 111 %

-4 = 104 / 137 %

-7 = 124 / 159 %

### Gear Type

B5

### Build

R = Right side of transmission

L = Left side of transmission

1 = Selector to top / Bias to bottom

2 = Selector to bottom / Bias to top

1 = Centre to front

2 = Centre to rear

Position of gear in transmission

### Engagement Type

B = Continuous Engagement

F = Electric / Hydraulic 12V

G = Electric / Hydraulic 24v

J = Hydraulic

### Output Type

26W = 14T 12/24 30° Spline + SAE C 2 & 4 bolt mount

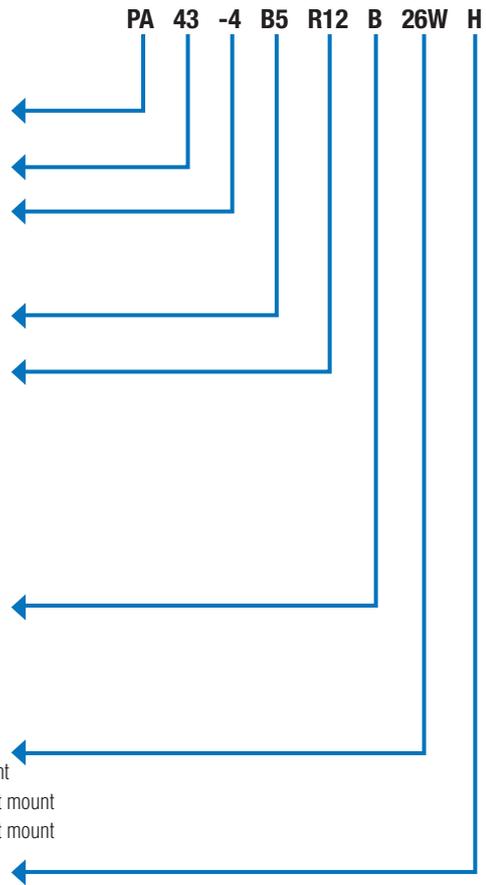
13W = 13T SAE B Hydraulic Spline + SAE B 2 & 4 bolt mount

31W = 15T SAE B Hydraulic Spline + SAE B 2 & 4 bolt mount

### Manufacturers Code

Manufacturers use only

PA 43 -4 B5 R12 B 26W H



For full details refer to owners' manual

## Technical Specifications

Rating for intermittent services	5000 / 6000 / 8000 / 9000	
Torque (Nm / ft lb)	730 / 538	
Ratio -1	87%	111%
Power @ 500 rpm output shaft (kW / hp)	38.2 / 51.2	
Power @ 1000 rpm output shaft (kW / hp)	76.4 / 102.5	
Torque (Nm / ft lb)	680 / 502	
Ratio -4	104%	137%
Power @ 500 rpm output shaft (kW / hp)	35.6 / 47.7	
Power @ 1000 rpm output shaft (kW / hp)	71.2 / 95.5	
Torque (Nm / ft lb)	630 / 465	
Ratio -7	124%	159%
Power @ 500 rpm output shaft (kW / hp)	33 / 44.3	
Power @ 1000 rpm output shaft (kW / hp)	66 / 88.5	
Output Shaft Rotation	Same	
Approximate Bare Mass (kg / lb)	36 / 79.4	
Mounting Kit	MK081	

For full details refer to your Hydreco distributor

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