

Technical Data Sheet



PA414 SERIES POWER TAKE-OFF

Deep Reach High Torque 6 Bolt Side Mounted PTO

The 414 series is designed for the left opening of many Mitsubishi transmissions with a 6 bolt opening, it is a heavy duty deep reach design.

Suits:

Mitsubishi Fuso M4S5, M5S5, M6S6, M050S6, M060S5, M060S6, M070S6 (OD) transmissions.
(Refer to the eGuide Configurator on www.hydreco.com for confirmation and details)

Product Features

- **Output Speeds 75.2 to 89.6% of Engine Speed (Transmission Dependant)**
For very high torque at the output.
- **Wide variety of outputs**
To suit many vehicle configurations.
- **Constant mesh gears**
Less potential for gearbox damage through misuse.
- **Heavy duty tapered roller bearings**
For long life and better support of the idler gear.

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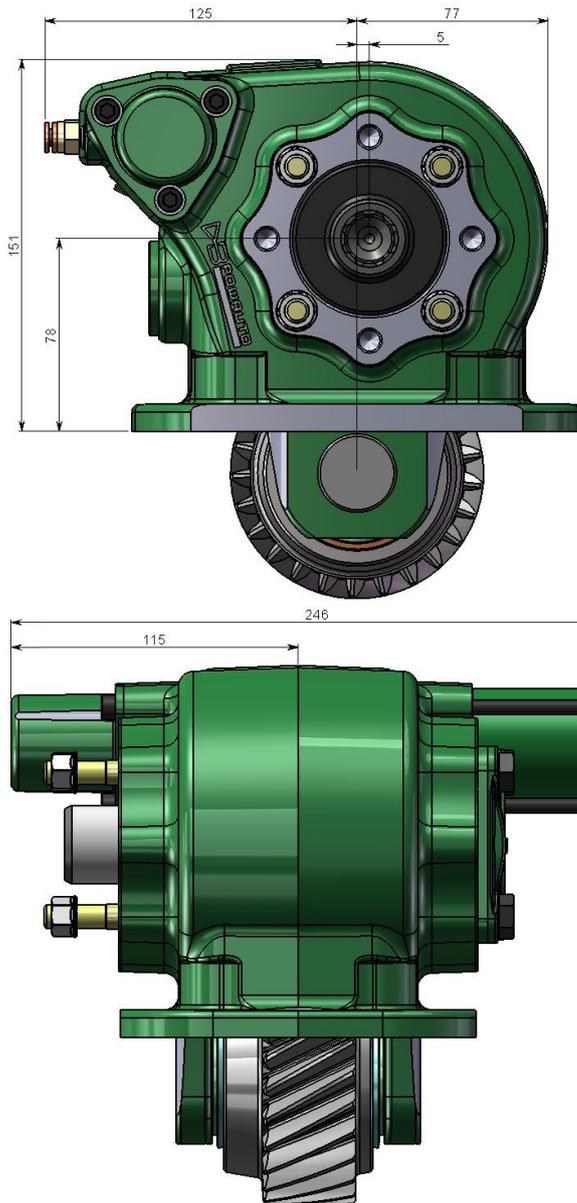
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PTO DESIGNATION CODES

414 Series

PA 414 SC L24 K 08 *

Identifier

PA = PTO Side Mount

PTO Series

414

Gear Type

SC, SP, SPI, SX

Build

L = Left side of transmission

1 = Selector to top / Bias to bottom

2 = Selector to bottom / Bias to top

1 = Centre to front

4 = Rear to centre

(Position of gear in transmission)

Engagement Type

K = Air (Pull to engage)

Output Type

08 = 8T Powauto Hydraulic Spline

11 = 14T 12/24 30° Spline + 1410 Flange

13 = 13T SAE B Hydraulic Spline + SAE B Pump Mount

23 = 8T Ø36 DIN 5462 Spline - Female and DIN Mount

25 = 9T SAE A Hydraulic Spline + SAE A Pump Mount

26 = 14T 12/24 30° Spline + SAE C 2 & 4 Bolt Mount

Other outputs available on request, subject to MOQ.

Manufacturers Code

A = With Pressure Switch

B = With Mounting Kit

C = With Mounting Kit & PTO Control Kit

Technical Specifications				
Ratings & Service Parts		SC	SP & SPI	SX
Torque	Nm / ft.lb	380 / 280	387 / 286	390 / 288
Power @ 500 rpm	kW / hp	19.8 / 26.5	20.2 / 27.0	20.4 / 27.4
Power @ 1000 rpm	kW / hp	39.6 / 53.0	40.3 / 54.0	40.8 / 54.8
Output Shaft Rotation		Opposite To Engine		
Approximate Bare Mass	kg / lb	12.0 / 26.4		
Mounting Kit		MK1118B		
Mounting Gasket Kit		GK008		
Seal Kit		SK065A		
Bearing Kit		BK065A		

Note: For full details refer to the owners manual or the eGuide configurator found at www.hydreco.com/solutions/on-road

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