

Eaton Light, Medium and Medium Heavy Transmissions

FSO - 2405

- Designed for vehicles with engines up to 530 Nm of torque.
- Rating to be used as a guide and not as an approval.
- For approval the application must conform to Form FUL-169M or complete vehicle specification must be submitted on form FUL-170.
- Needle bearings under all gears. Better performance in high speed and reduced shift effort.
- Taper roller bearings in the input and output shafts and cluster gear. Greater durability and smooth operations.
- Fine pitch helical gears. Low noise level, high resistance.
- 5th and reverse synchronizer assembly on countershaft. Less shifting effort.
- Synchronized reverse gear. Easiness in shifting.
- Nylon pads on shifting forks. Low noise level during operation.
- Inhibited shifting from fifth gear into reverse. Greater safety.
- Aluminium cases and shifting forks. Low weight and high durability.



Eaton® Truck Components FSO-2405

Specifications:

Speeds:

5 forward plus 1 reverse (all synchronised).

Clutch housing size:

SAE 2 Aluminium clutch housing standard.

Power Take-Off openings:

Side 6 bolt PTO openings.

Speedometer:

Provision in rear bearing cover (standard magn. pick up).

Reverse light switch:

Provision in Shift bar housing for installation of switch.

Neutral switch:

Provision available.

Weight:

Incl. clutch housing, less clutch release parts & shift tower, 58 kg (dry).

Ratios:

A, B, C, D, E, F, G, H.

Torque Capacity:

From 340 to 530 Nm.

Oil Capacity:

4.5 litres.

Ratios and Steps:

GEAR RATIOS FSO -2405 SERIES

Speed	FSO-2405B	FSO-2405D
5	0.81	0.81
4	1.00	1.00
3	1.47	1.47
2	2.29	2.46
1	4.08	4.47
REV	3.80	3.80

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One Great Drivetrain from Two Great Companies

Eaton and Dana have formed a global partnership to provide complete drivetrain solutions for the world's trucking industry.