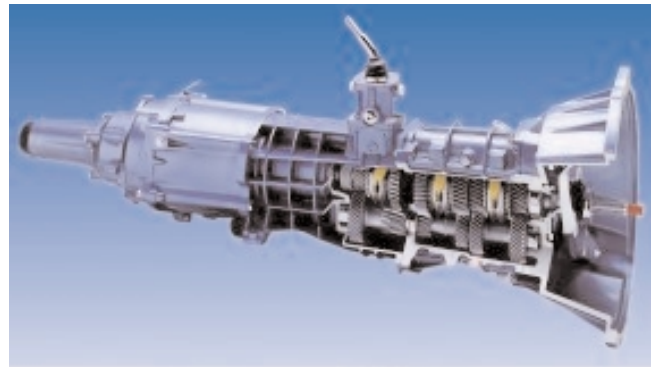


Eaton Light, Medium and Medium Heavy Transmissions

FSO - 1305

- Designed for vehicles with engines up to 244 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 the first and reverse output shaft gears as well as under the reverse gear set.
Better performance in high speed and reduced shift effort.
- Tapered roller bearings on the input and output shafts. Longer life and smooth operation.
- Roller bearings under cluster gear and sealed clean ball bearing in extension housing. Greater durability and smooth operation.
- Fine pitch helical gears. Low noise level, high resistance.
- Nylon pads on shifting forks. Low noise level during operation.
- Tricone synchronizers in first and second gears. Easiness in shifting.
- Shifting inhibitor from fifth gear into reverse. Greater safety.



Eaton® Truck Components FSO-1305

Specifications:

Speeds:

5 forward, 1 reverse(all synchronised).

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, 67 kg (dry).

Oil Capacity:

4.5 litres.

Product description:

Better synchronization, easy shifting, noiseless operation, high reliability level.

In order to meet the specifications of the light commercial vehicles with GVW up to 2.8 tons and with engines up to 244 Nm, Eaton innovated by creating a new class of transmission, the FSO-1305 overdrive with 5 speeds forward and 1 reverse (all synchronized).

Developed after continuous researches and severe performance and quality tests, the FSO-1305 features technological improvements which result in outstanding shifting comfort and very silent operation.

Ratios and Steps:

GEAR RATIOS FSO - 1305 SERIES

Speed	FSO-1305A	FSO-1305B	FSO-1305C
5	0.80	0.81	0.78
4	1.00	1.00	1.00
3	1.49	1.50	1.46
2	2.42	2.44	2.38
1	4.65	4.41	4.02
REV	3.79	3.94	3.84

Eaton B.V.
Truck Components Operations
PO Box 75777, 1118 ZX Luchthaven Schiphol
Boeing Avenue 11, 1119 PC Schiphol-Rijk
The Netherlands
www.truck.eaton.com

Tel: (31) (0) 20 - 655 6700
Fax: (31) (0) 20 - 655 6800
Issued by: MARCOM



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.

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