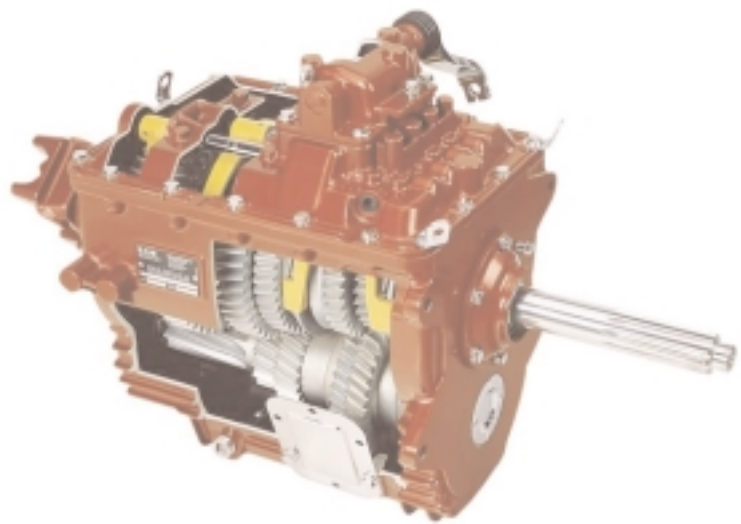


Eaton Light, Medium and Medium Heavy Transmissions

FS(O) - 6406A

- Designed for vehicles with engines up to 895 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.



Eaton® Truck Components FS(O)-6406A

Specifications:

Speeds:

6 forward (all synchronised),
1 reverse.

Clutch housing size:

SAE 2 Aluminium clutch housing
standard.

Power Take-Off openings:

Left and right mounted 5 bolt SAE.
Extended countershaft PTO stan-
dard.

PTO of gear speeds (% of engine speed):

All PTO's at 52% Direct Top, 68%
Overdrive of engine speed.

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
166 kg (dry)

Oil Capacity:

9.2 litres.

Product description:

Improved durability due to gear
face width increases and new
synchronizer material with higher
coefficient of friction.

Quieter operation and greater
gear strenght with Eaton com-
puter designed constant mesh
helical gearing.

Ratios and Steps:

GEAR RATIOS FS(O) - 6406A SERIES

Speed	FS-6406A	FSO-6406A
6	1.00	0.78
5	1.36	1.00
4	2.04	1.59
3	3.22	2.52
2	5.27	4.13
1	9.01	7.05
REV	8.63	6.75

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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.

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