



PA0 AMT6 350 Nm 6-Speed Automated Manual Transmissions

PA0 - CUSTOMER BENEFITS

Comfortable and easy to drive, PA0 is the robust 6-speed Automated Manual transmission well adapted for LCVs up to 3,5t GVW .

PERFORMANCE

- Up to 10 % lower consumption than corresponding Manual Transmission by choosing the automatic mode
- Among Best in class for High Torque compact transmission

FUN TO DRIVE

- Two types of shifting: automatic or manual (possibility to downshift and to maintain engine braking same as manual transmission)
- Quick gearshift with electro hydraulic actuators

RELIABILITY AND DURABILITY

- Robust design for LCV vehicles
- Wider gear wheels
- Reinforced bearings

MAINTENANCE – TOTAL COST OF OWNERSHIP*

- No maintenance, filled for life

REMARKABLY COMPACT

- Smaller dimensions thanks to 3-shaft transmission design



A WIDE RANGE OF APPLICATIONS

- LCV Commercial Vehicles

*On Renault vehicles under West Europe market conditions

**Availability depends on required emission standards and vehicle characteristics

PA0 - SPECIFICATIONS

MAIN SPECIFICATIONS

| | PA0 |
|---------------------------|------------------------------|
| Transmission Type | Automated Manual |
| Robot | Add-on electro-hydraulic |
| Installation | Transverse, with final drive |
| Number of Speeds | 6 |
| Maximum Input Torque (Nm) | 350 |
| Type of Reverse Gear | Synchronized |
| Number of Shafts | 3 |
| Shifting Type | Electric |
| Oil Capacity (liter) | 2,9 |
| Clutch Actuator Type | Hydraulic |
| Weight (kg) | 61 |

OTHER SPECIFICATIONS

| | |
|--|---------------------------|
| Housing Material | Aluminum |
| Clutch Diameter (mm) | 260 |
| Oil Type | mineral or semi synthetic |
| Offset between Differential and Final Drive (mm) | 201 |
| Offset between Primary and Secondary Shaft (mm) | Lower: 77,5 upper:86 |
| Synchromesh Material | Brass |

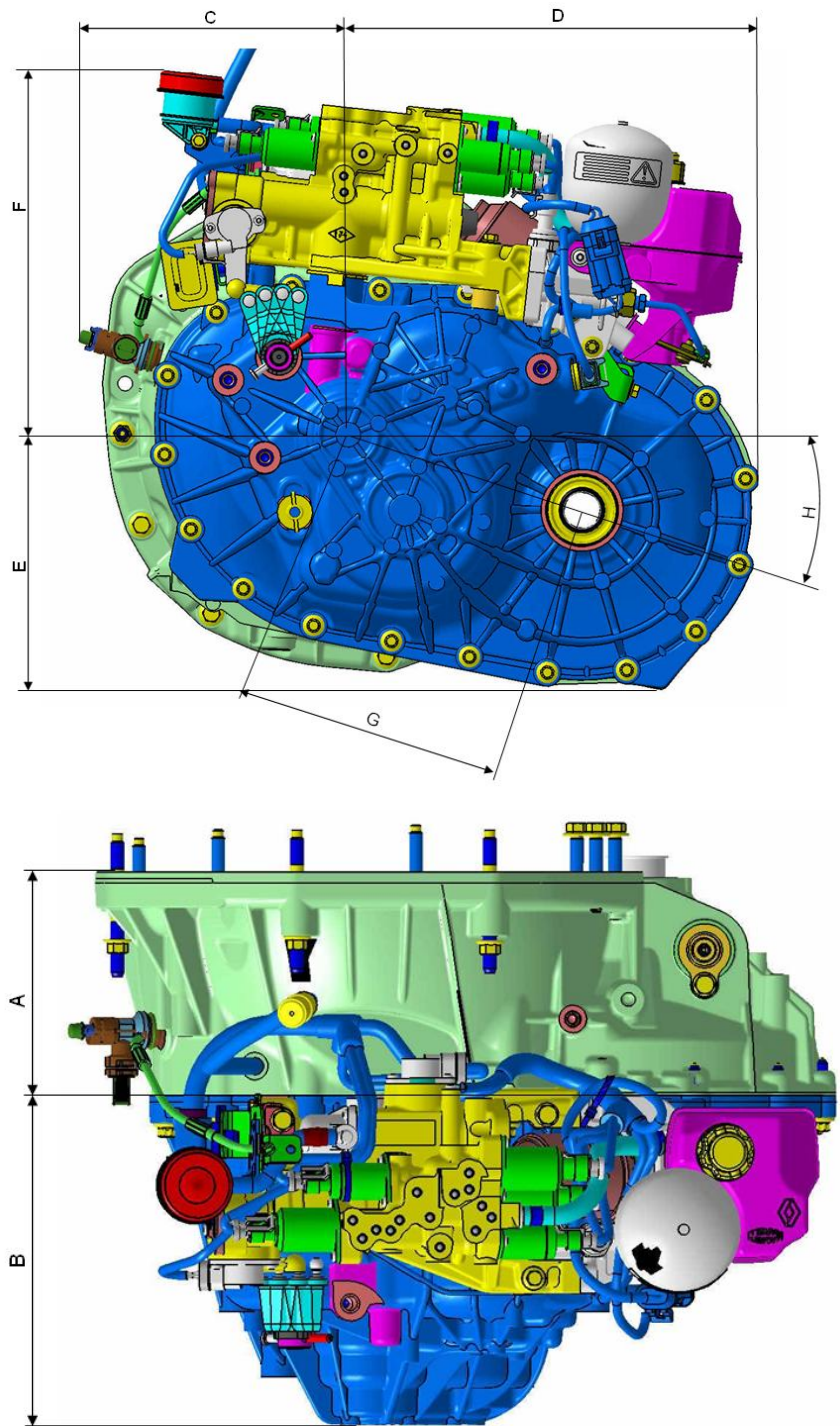
GEAR RATIO EXAMPLES

| | PA0 | |
|-------------|--------|--------|
| 1st | 11/46 | 11/43 |
| 2nd | 19/40 | 19/40 |
| 3rd | 31/43 | 31/43 |
| 4th | 41/40 | 41/40 |
| 5th | 41/31 | 41/31 |
| 6th | 47/30 | 47/28 |
| Reverse | 27/47 | 27/47 |
| Final drive | 16/71 | 16/67 |
| Energy | diesel | diesel |

PA0 – MAIN DIMENSIONS

| PA0 | |
|-----|-----|
| A | 161 |
| B | 238 |
| C | 219 |
| D | 335 |
| E | 208 |
| F | 299 |
| G | 201 |
| H | 18° |
| I | - |

Dimensions in mm



RP 06 2012 – The information in this brochure is given as an indication only and may change without notice

(renault.powertrain@renault.com)

RENAULT
POWERTRAIN

Renault Powertrain
FR CTR A02 P 35
67, rue des Bons Raisins – 92 508 Rueil Malmaison – France
Tel : +33 (0)1 76 87 52 50 – Fax : +33 (0)1 76 86 96 94
E-mail : renault.powertrain@renault.com

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