Manual Transmission

Manual Transmission 6MTL420

Light weight high performance manual transmission for sports cars. Integrated oil cooler and optional limited slip differential for sports car specific requirements.



Features and Specifications

Gear	Max. Input Torque [Nm]	Ratio	
		Gear	Overall
1	390	3,308	12,863
2	390	1,950	7,583
3	390	1,407	5,473
4	420	1,133	4,407
5	420	0,950	3,694
6	420	0,814	3,165
Reverse	130	3,000	11,667
Final Drive		3,889	

Features and Specifications

Max. input torque: 420 Nm
Weight (dry): 62.2 kg
Installation length: 693 mm
Synchronizer: 1st + 2nd gear - triple cone 3rd + 4th gear - double cone 5th + 6th gear - double cone Reverse gear - double cone

Competitive advantage/differentiators

- 6-speed manual transmission, transaxle longitudinal construction
- · All gears synchronized
- · Weight-optimized, powerful gear unit
- Integrated oil cooling (thermal management)

SOF

Optional limited slip differential

Ideation Discovery Concept Development Serial Preparation in Production

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