



# Torque Motors for Processes in High Vacuum



**EMT Ingenieurbüro GmbH**

für Elektro-Maschinen-Technik

## EMT Ingenieurbüro GmbH develops torque motors for processes, that take place in high vacuum

Special characteristics:

- briefly up to 4-to 5- fold peak torque
- low torque ripple
- watercooling
- slewing ring bearing for absorption of high tilting moments
- extremely low outgassing in vacuum



Motor type	T12-300-125-VAK	T03-600-125-VAK
Circuit voltage	125 V	125 V
Revolutions max.	300 1/min	600 1/min
Nominal/peak current	4,0 / 15,6 A	2,8 / 12,8 A
Nominal/peak torque	12 / 45 Nm	3 / 15 Nm
Outside diameter	300 mm	153 mm
Motor height	120 mm	115 mm
Hollow shaft	130 mm	40 mm
Process pressure	10 <sup>-6</sup> mBar	10 <sup>-6</sup> mBar

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