

## Geared Motors Series DM.TS

Spur gear motorgearbox  $\varnothing$  37mm

### General information:

Direction of rotation : according to polarity

Working temperature : -10°C ~ +60°C

Operating relative humidity : 20%~85% RH

Gearbox with sleeve bearing

Options : a) hall sensor magnetic encoder – b) ball bearing – c) customized connections

### Electric performances:

Article	Ratio to:1	L mm	Voltage (D.C.)		No Load		Rated Load			Max
			Operating range	Nominal constant	Speed rpm	Current Amp	Speed rpm	Current Amp	Torque Nm	Torque Nm
DM.TS.10	10	19,5	3.0 ~ 24.0	12 V	600	≤0.160	521	≤0.700	0,08	0,20
				24 V						
DM.TS.30	30	22,0	3.0 ~ 24.0	12 V	200	≤0.160	175	≤0.700	0,12	0,30
				24 V						
DM.TS.50	50	24,5	3.0 ~ 24.0	12 V	120	≤0.160	105	≤0.700	0,20	0,40
				24 V						
DM.TS.75	75	24,5	3.0 ~ 24.0	12 V	80	≤0.160	70	≤0.700	0,30	0,60
				24 V						
DM.TS.100	100	24,5	3.0 ~ 24.0	12 V	65	≤0.160	52	≤0.700	0,40	0,80
				24 V						
DM.TS.120	120	27,0	3.0 ~ 24.0	12 V	54	≤0.160	42	≤0.600	0,45	1,20
				24 V						
DM.TS.150	150	27,0	3.0 ~ 24.0	12 V	43	≤0.160	35	≤0.600	0,51	1,20
				24 V						
DM.TS.200	200	27,0	3.0 ~ 24.0	12 V	32	≤0.160	26	≤0.600	0,68	1,20
				24 V						
DM.TS.250	250	27,0	3.0 ~ 24.0	12 V	26	≤0.160	21	≤0.500	0,86	1,30
				24 V						
DM.TS.500	500	29,5	3.0 ~ 24.0	12 V	13	≤0.160	10	≤0.500	1,50	1,60
				24 V						
DM.TS.1000	1000	29,5	3.0 ~ 24.0	12 V	6	≤0.160	5	≤0.500	1,60	1,80
				24 V						
DM.TS.3000	3000	32,0	3.0 ~ 24.0	12 V	2	≤0.160	2	≤0.500	2,00	2,00
				24 V						

\*\*\*For a suitable of reduction gear unit do not apply a higher load to the maximum shown torque\*\*\*

☼ Possibility to customized the electric performances as per the customer request. ☼

**\*\* FOR REFERENCE ONLY \*\***