

Geared Motors Series DM.TL

Spur geared motor \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.TL.10	10	19,5	3.0 ~ 24.0	12 V	610	≤0.160	530	≤1.200	0,15	0,30
				24 V				≤0.600		
DM.TL.30	30	22,0	3.0 ~ 24.0	12 V	210	≤0.160	190	≤1.200	0,25	0,70
				24 V				≤0.600		
DM.TL.50	50	24,5	3.0 ~ 24.0	12 V	130	≤0.160	115	≤1.200	0,45	0,90
				24 V				≤0.600		
DM.TL.75	75	24,5	3.0 ~ 24.0	12 V	90	≤0.160	75	≤1.200	0,65	1,10
				24 V				≤0.600		
DM.TL.100	100	24,5	3.0 ~ 24.0	12 V	65	≤0.160	55	≤0.900	0,80	1,30
				24 V				≤0.400		
DM.TL.120	120	27,0	3.0 ~ 24.0	12 V	55	≤0.160	43	≤0.900	0,90	1,50
				24 V				≤0.400		
DM.TL.150	150	27,0	3.0 ~ 24.0	12 V	43	≤0.160	38	≤0.900	1,00	1,50
				24 V				≤0.400		
DM.TL.200	200	27,0	3.0 ~ 24.0	12 V	33	≤0.160	28	≤0.900	1,20	1,80
				24 V				≤0.400		
DM.TL.250	250	27,0	3.0 ~ 24.0	12 V	27	≤0.160	22	≤0.900	1,50	1,90
				24 V				≤0.400		
DM.TL.500	500	29,5	3.0 ~ 24.0	12 V	13	≤0.160	11	≤0.900	1,70	2,00
				24 V				≤0.400		
DM.TL.1000	1000	29,5	3.0 ~ 24.0	12 V	6	≤0.160	5	≤0.900	1,80	2,20
				24 V				≤0.400		
DM.TL.3000	3000	32,0	3.0 ~ 24.0	12 V	2	≤0.160	2	≤0.900	2,20	2,60
				24 V				≤0.400		

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. ☼

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