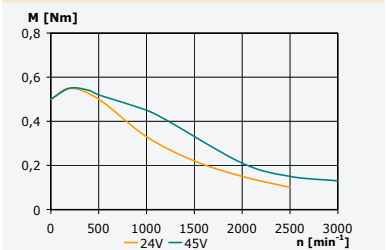


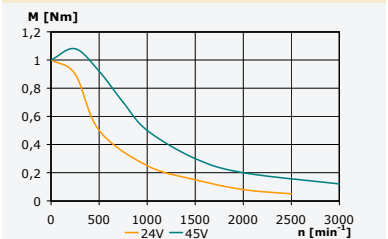
		Series 23S16-0250- 00000-AA	Series 23S21-0250- 00000-AA	Series 23S31-0250- 00000-AA
→ Rated Values				
Max. holding torque	[Nm]	0.5	1.0	1.6
Peak current (per phase)	[A _{RMS}]		2.5	
max. DC link voltage	[V _{DC}]		60	
→ Technical Data Motor				
Step angle	[°]		1.8	
Winding resistance (at 25 °C)	[Ω]	0.8	1.3	1.7
Winding inductivity	[mH]	1.6	4.0	6.0
Motor inertia	[kgm ² x10 ⁻³]	0.01	0.026	0.046
Residual torque	[Nm]	0.02	0.04	0.07
Insulation resistance ^{*)}	[MΩ]		min. 100	
Insulation class			B, 130 °C	
Max. motor temperature	[°C]		+80	
Ambient temperature	[°C]		-20...+40	
Protection class (without side A)			IP40	
Max. axial load	[N]		80	
Max. radial load	[N]		100	
Mass	[kg]	0.5	0.7	1.0
Motor length (L)	[mm]	41	54	76

^{*)} Insulation resistance at 500 V_{DC} and 20°C

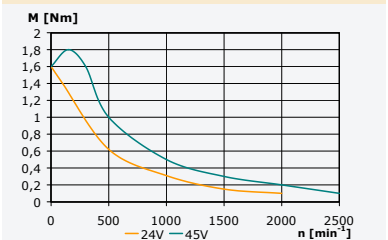
→ Characteristic 23S16 / ECOSTEP®54



→ Characteristic 23S21 / ECOSTEP®54



→ Characteristic 23S31 / ECOSTEP®54



→ Motor Cable Wires

Connection	Wire colour
Phase A	black
Phase /A	orange
Phase B	red
Phase /B	brown

Cable length 0,3 m, single wires



