



AM8032 | Servomotor 2.38 Nm (standstill torque)

Data for 400 V AC	AM8032-wDyz	AM8032-wEyz	AM8032-wHyz
Standstill torque	2.38 Nm	2.37 Nm	2.37 Nm
Rated torque	2.30 Nm	2.20 Nm	2.00 Nm
Rated speed	3000 min ⁻¹	6000 min ⁻¹	9000 min ⁻¹
Rated power	0.72 kW	1.38 kW	1.89 kW
Peak torque	11.5 Nm		
Standstill current	1.70 A	2.95 A	5.10 A
Peak current	9.6 A	17.2 A	29.5 A
Torque constant	1.39 Nm/A	0.80 Nm/A	0.46 Nm/A
Voltage constant	100 mV/min ⁻¹	56 mV/min ⁻¹	32 mV/min ⁻¹
Number of poles	8		
Rotor moment of inertia	0.842 kgcm ²		
Weight	2.4 kg		
Holding torque brake (M _{br})	2.0 Nm		
Power consumption (brake) at 24 V DC (P _{br})	11 W		
Rotor moment of inertia incl. brake (J)	0.922 kgcm ²	0.922 kgcm ²	2.4 kg
Weight incl. brake (m)	2.8 kg	2.80 kg	2.8 kg

Order reference AM80uv-wxyz	
u	flange code
v	motor length
w = 0	smooth shaft
w = 1	shaft with groove and feather key according to DIN 6885
w = 2	shaft with IP 65 sealing ring and smooth shaft
w = 3	shaft with IP 65 sealing ring and shaft with groove and feather key
x	winding code A...Z
y = 0	2-cable standard, feedback resolver
y = 1	One Cable Technology for power and feedback: feedback transmission via motor cable, no feedback cable necessary, electronic identification plate, single-turn
y = 2	One Cable Technology for power and feedback: feedback transmission via motor cable, no feedback cable necessary, electronic identification plate, multi-turn
z = 0	without holding brake
z = 1	with holding brake