



## AM8073 | Servomotor 72.6 Nm (standstill torque)

Data for 400 V AC	AM8073-wQyz
Standstill torque	72.6 Nm
Rated torque	38.8 Nm
Rated speed	2000 min <sup>-1</sup>
Rated power	6.91 kW
Peak torque	260 Nm
Standstill current	27.9 A
Peak current	97.4 A
Torque constant	2.34 Nm/A
Voltage constant	183 mV/min <sup>-1</sup>
Number of poles	10
Rotor moment of inertia	134.92 kgcm <sup>2</sup>
Weight	44.8 kg
Holding torque brake (M <sub>br</sub> )	70 Nm
Power consumption (brake) at 24 V DC (P <sub>br</sub> )	40 W
Rotor moment of inertia incl. brake (J)	153.62 kgcm <sup>2</sup>
Weight incl. brake (m)	50.6 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
z = A	forced cooling, without holding brake
z = B	forced cooling, with holding brake
	All electric quantities are RMS values.
	The options cannot be installed in the field.