



AM8131 | Servomotor 1.13 Nm (standstill torque)

Data for 50 V DC	AM8131-wFyz
Standstill torque	1.13 Nm
Rated torque	1.11 Nm
Rated speed	1.000 min ⁻¹
Rated power	0.12 KW
Peak torque	3.0 Nm
Standstill current	4.0 A
Rated current	3.95 A
Peak current	12.4 A
Torque constant	0.283 Nm/A
Voltage constant	19 mV/min ⁻¹
Number of poles	8
Rotor moment of inertia	0.433 kgcm ²
Weight	1.8 kg

Order reference AM81uv-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 F
y = 0	2-cable standard, feedback resolver
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
	All electric quantities are RMS values.
	The options cannot be installed in the field.