

XV Motor 230 V

Economical Metric AC Servo Motor

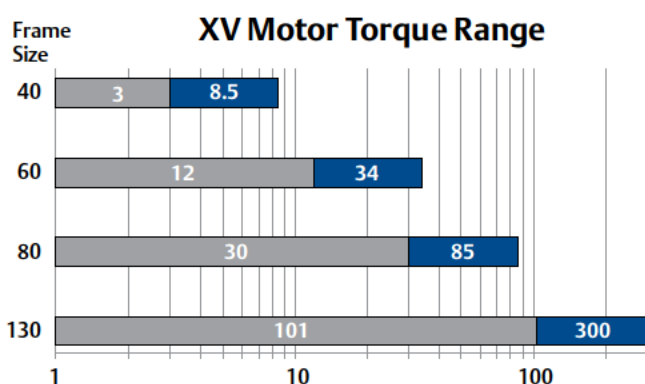
The XV Motor is a high performance, low-inertia and high-torque brushless AC Servo motor in a compact economical package – ideal for high-volume applications. UL recognized, CE approved and RoHS compliant, XV Motors offer low-cost solutions with the features of a premium-priced servo offering.

Intended for higher throughputs and smaller machines, XV Motors are available in 4 frame sizes: 40, 60, 80 and 130 mm with speeds ranging from 2000 to 5000 rpm. Applications with continuous torque requirements up to 101 lb-in (11.4 Nm) are the perfect match for XV Motors.

XV Motors with 40, 60 and 80 mm are fitted with AMP (Tyco® Mate-n-Lock™) connectors on 1-ft flying leads. (For added strain relief, these connectors can be snapped into place through holes in panels or brackets.)

Key Features

- Torque range: 0.95 to 101 lb-in (0.1 to 11.4 Nm)
- Speed rating to 5000 rpm
- Four frame sizes: 40, 60, 80 and 130 mm
- UL recognized, CE approved and RoHS
- Ambient operating temperature: 32 to 122 °F (0 to 40 °C)



Order Code

XVM	60	4	T	B	N	S	0000
Motor	Frame Size (mm)	Torque	Connections	Brake	Feedback Device	Inertia	Specials
	Frame Order Code						
XVM	see table below for frame order code		C = MS connector	O = Unbraked	N = Incremental encoder 2048 ppr	S = Std.	Low voltage windings
230 V			T = AMP connector on flying leads (40-80 frame)	B = 24 V Holding Brake			

Frame Order Code	Stall Torque		Order Information	
	(in)	(mm)	Motor Only	Brake Motor
401	0.9	0.1	XVM-401-TONS-0000	XVM-401-TBNS-0000
402	1.4	0.16	XVM-402-TONS-0000	XVM-402-TBNS-0000
403	2.8	0.32	XVM-403-TONS-0000	XVM-403-TBNS-0000
604	2.8	0.32	XVM-604-TONS-0000	XVM-604-TBNS-0000
606	5.7	0.64	XVM-606-TONS-0000	XVM-606-TBNS-0000
6011	11.24	1.27	XVM-6011-TONS-0000	XVM-6011-TBNS-0000
8017	16.9	1.91	XVM-8017-TONS-0000	XVM-8017-TBNS-0000
8022	22.6	2.55	XVM-8022-TONS-0000	XVM-8022-TBNS-0000
8023	23.3	2.63	XVM-8023-TONS-0000	XVM-8023-TBNS-0000
8028	28.1	3.18	XVM-8028-TONS-0000	XVM-8028-TBNS-0000
13046	46.5	5.25	XVM-13046-CONS-0000	XVM-13046-CBNS-0000
13051	50.7	5.73	XVM-13051-CONS-0000	XVM-13051-CBNS-0000
13068	67.6	7.64	XVM-13068-CONS-0000	XVM-13068-CBNS-0000
13089	88.8	10.03	XVM-13089-CONS-0000	XVM-13089-CBNS-0000
130101	101.4	11.46	XVM-130101-CONS-0000	XVM-130101-CBNS-0000

Approvals



RoHS
Compliant

