

Motor Comparison Chart

Motor	Voltage	Stall Torque	Special Features	Interface	No-Load Oscillations or RPM	Weight	Housing	Industrial or Wiper	Rotation Type
210 same bolt pattern as 214 motor	12 V	10 Nm	Resists backdrive; integrated KET SWP connector housing	10 mm diameter x 7.5 mm double flat output shaft	85 min	1.4 lb	LH or RH	Industrial	CW or CCW from both LH & RH motors
212	12 V or 24 V	12 Nm	25 mm (1"), 50 mm (2"), or 75 mm (3") pivot shaft lengths; can park clockwise or counter-clockwise	1/2" knurled drum	35 oscillations	2.4 lb	N/A	Industrial or wiper	Oscillating to 65°, 85°, 100°, or 110° sweep angles
214 same bolt pattern as 210 motor	12 V reversible	14 Nm	Resists backdrive; integrated KET SWP connector housing	10 mm diameter x 7.5 mm double flat output shaft	90 rpm	1.6 lb	RH	Industrial	CW/CCW full rotation
218 same housing as 230 motor	12 V or 24 V reversible	18 Nm	Special steel gear can backdrive; two start worm drive	Various 11 mm output shafts available	95-116 rpm	2.6 lb	LH or RH	Industrial	CW/CCW full rotation
226 same housing as 235 & 238 motors	12 V or 24 V reversible	26 Nm	Special steel gear resists backdrive; single start worm drive	Various 11 mm output shafts available	78-95 rpm	2.7 lb	LH	Industrial	CW/CCW full rotation
230 same housing as 218 motor	12 V or 24 V	30 Nm	Low speed, high speed, and park position; coast-to-park or dynamic park	11 mm with M8 DIN 3:1 splined taper	42 rpm low speed; 65 rpm high speed	2.5 lb	LH or RH	Industrial or wiper	
235 same housing as 226 & 238 motors	12 V or 24 V	35 Nm	Low speed, high speed, and park position; dynamic park	11 mm with M8 DIN 3:1 splined taper	30 rpm low speed; 50 rpm high speed	2.6 lb	LH	Industrial or wiper	CW/CCW full rotation
238 same housing as 226 & 235 motors	12 V or 24 V	38 Nm	Low speed, high speed, and park position; dynamic park	11 mm with M8 DIN 3:1 splined taper	38 rpm low speed; 60 rpm high speed	2.6 lb	LH	Industrial or wiper	CW/CCW full rotation
240 Wiper	12 V, 24 V, or 36 V	40 Nm, varies depending on armature winding	Low speed, high speed, and park position; coast-to-park or dynamic park; housing can fit on any AM Equipment wiper system platform	12 mm with M8 DIN 3:1 splined taper	20-100 rpm, depending on armature winding configuration	2.6 lb	LH	Wiper	CW/CCW full rotation
240 Standard Industrial	12 V, 24 V, or 36 V	40 Nm, varies depending on armature winding	Sealed molded housing for 6 pin Tyco Electric (TE) harness connector	Various output shafts, including 11 mm diameter with 40 mm flat, 12 mm diameter with 4 mm wide keyway and snap ring groove, 11 mm diameter blank, or 12 mm diameter blank	20-100 rpm, depending on armature winding configuration	2.6 lb	LH	Industrial or wiper	CW/CCW full rotation
240 Super Sealed Industrial	12 V, 24 V, or 36 V	40 Nm, varies depending on armature winding	Sealed molded housing for 6 pin Tyco Electric (TE) harness connector; submersion-proof sealing with the exception of the output shaft	Various output shafts, including 11 mm diameter with 40 mm flat, 12 mm diameter with 4 mm wide keyway and snap ring groove, 11 mm diameter blank, or 12 mm diameter blank	20-100 rpm, depending on armature winding configuration	3.2 lb	LH	Industrial or wiper	CW/CCW full rotation
HD40 Industrial Servo-motor	12 V, 24 V, or 36 V	40 Nm, varies depending on armature winding	Integrated incremental 2-channel encoder using 5-28 Volt signal to report speed, direction, and incremental position; encoder resolution is 520 pulses per output shaft revolution; separate "home" encoder channel provides one pulse per output shaft revolution; sealed molded housing for 6 pin Tyco Electric (TE) harness connector; available standard or super sealed	Various output shafts, including 11 mm diameter with 40 mm flat, 12 mm diameter with 4 mm wide keyway and snap ring groove, 11 mm diameter blank, or 12 mm diameter blank	20-100 rpm, depending on armature winding configuration	2.6 or 3.2 lb	LH	Industrial or wiper (wiper with use of controller)	CW/CCW full rotation