

																										Static Bearing Loads						
			Links																	Axial, Max				Radial, Max								
Name	OEM	Note	Info	Spec	Buy	COST	Torque Peak	u1	Torque Rated	u2	Weight	u3	Power Rated	u4	Speed Rated	u5	Speed Max	u6	Transmission Type	Gear Reduction	Mount Type	Control Interface	Comms Bandwidth	u	Inertia	Backlash	Backdrive Torque	(u)	Encoders	Axial, Max	Radial, Max	u
X6-P8-8	MyActuator		https://https://				8 Nm		4.5 Nm		490 g		135 W		310 rpm				Planetary	8 Bolt Pattern	CAN		1 M	6.8 kg-cm2	0.166666667 deg		0.1 Nm	2				
X8-P6-20-C-N	MyActuator		https://https://				20 Nm		10 Nm		780 g		200 W		190 rpm				Planetary	6 Bolt Pattern	CAN		1 M	20 kg-cm2	0.166666667 deg		0.4 Nm	2				
X8-P36-60-C-N	MyActuator		https://https://				60 Nm		30 Nm		900 g		130 W		40 rpm				Planetary	36 Bolt Pattern	CAN		1 M	96 kg-cm2	0.25 deg		1 Nm	2				
X4-3	MyActuator		https://https://			\$215.00	3 Nm		1.5 Nm		300 g		30 W						Planetary	6 Bolt Pattern	CAN		1 M	1.2 kg-cm2	0.166666667 deg		0.06 Nm	2				
X6-7	MyActuator		https://https://			\$299.00	7 Nm		3.5 Nm		350 g		150 W		400 rpm				Planetary	6 Bolt Pattern	CAN		1 M	4.8 kg-cm2	0.166666667 deg		0.08 Nm	2				
X6-40	MyActuator		https://https://			\$399.00	40 Nm		18 Nm		590 g		170 W		90 rpm				Planetary	36 Bolt Pattern	CAN		1 M	28.8 kg-cm2	0.25 deg		0.91 Nm	2				
X8-25	MyActuator		https://https://			\$470.00	25 Nm		10 Nm		710 g		125 W		110 rpm				Planetary	9 Bolt Pattern	CAN		1 M	30.6 kg-cm2	0.166666667 deg		0.61 Nm	2				
X6-8	MyActuator		https://https://			\$350.00	8 Nm		4.5 Nm		490 g		135 W		310 rpm				Planetary	8 Bolt Pattern	CAN		1 M	6.8 kg-cm2	0.166666667 deg		0.1 Nm	2				
X8-20	MyActuator		https://https://			\$420.00	20 Nm		10 Nm		780 g		200 W		190 rpm				Planetary	6 Bolt Pattern	CAN		1 M	20 kg-cm2	0.166666667 deg		0.4 Nm	2				
X8-60	MyActuator		https://https://			\$564.00	60 Nm		30 Nm		900 g		130 W		40 rpm				Planetary	36 Bolt Pattern	CAN		1 M	96 kg-cm2	0.25 deg		1 Nm	2				
X10-40	MyActuator		https://https://			\$645.00	40 Nm		15 Nm		1150 g		265 W		165 rpm				Planetary	7 Bolt Pattern	CAN		1 M	39.7 kg-cm2	0.166666667 deg		0.62 Nm	2				
X4-24	MyActuator		https://https://			\$575.00	24 Nm		9 Nm		380 g		150 W		100 rpm				Planetary	36 Bolt Pattern	CAN		1 M	6.8 kg-cm2	0.25 deg		0.87 Nm	2				
X8-90	MyActuator		https://https://			\$1,145.00	90 Nm		25 Nm		850 g		500 W		130 rpm				Planetary	18 Bolt Pattern	CAN		1 M	26 kg-cm2	0.166666667 deg		0.65 Nm	2				
X12-150	MyActuator		https://https://			\$1,215.00	150 Nm		50 Nm		1300 g		780 W		100 rpm				Planetary	12 Bolt Pattern	CAN		1 M	59 kg-cm2	0.166666667 deg		1.26 Nm	2				
X15-400	MyActuator		https://https://			\$2,500.00	380 Nm		130 Nm		3100 g		1500 W		80 rpm				Planetary	11.4 Bolt Pattern	CAN		1 M	175 kg-cm2	0.166666667 deg		2.15 Nm	2				
Robstride 01	Robstride		https://https://			\$140.00	17 Nm		6 Nm		380 g		170 W		275 rpm				Planetary	7.75 Bolt Pattern	???							1	475			
Robstride 03	Robstride		https://https://			\$250.00	60 Nm		20 Nm		880 g		380 W		180 rpm				Planetary	9 Bolt Pattern	???							2	3300	825		
Robstride 04	Robstride		https://https://			\$280.00	120 Nm		40 Nm		1420 g		700 W		167 rpm				Planetary	9 Bolt Pattern	???							2	3200	800		
70F-50	Faradyi		https://https://				23 Nm		3.7 Nm		770 g		75 W					60 rpm	Harmonic	50		CANopen										
70F-80	Faradyi		https://https://				35 Nm		5.4 Nm		770 g		75 W					37.5 rpm	Harmonic	80		CANopen										
70F-100	Faradyi		https://https://				35 Nm		5.4 Nm		770 g		75 W					30 rpm	Harmonic	100		CANopen										
HTCP-4470-40-1 High Torque			https://https://				10 Nm		4 Nm		420 g	???			50 rpm			???	43							0.05 deg		2				
HTCP-5673-40-1 High Torque			https://https://				30 Nm		16 Nm		820 g	???			54 rpm				41							0.05 deg						
GIM10015-9 Steadywin			https://https://			\$289.00	60 Nm		31 Nm		1372 g		355 W		45 rpm			122 rpm	Planetary	9		CAN				0.112 kg-cm2			2	1250 N	5000 N	
GIM8115-36-SD(Steadywin			https://https://				150 Nm		54 Nm		960 g		160 W		30 rpm			65 rpm	Planetary	36										250 N	1000 N	
GIM8115-36-SD(Steadywin			https://https://				115 Nm		45 Nm		960 g		85 W		15 rpm			36 rpm	Planetary	36										250 N	1000 N	
qdd100	MjBots	KIT	https://https://			\$659.00	16 Nm		3.3 Nm		507 g	???			10 rpm						CAN											
RI50	Cubemars	FRAMELESS	https://https://			\$76.00	1.67 Nm		0.58 Nm	-	-	-	-	-	-			N/A	N/A													
RI60	Cubemars	FRAMELESS	https://https://			\$113.00	1.63 Nm		0.57 Nm	-	-	-	-	-	-			N/A	N/A													
RI70	Cubemars	FRAMELESS	https://https://			\$138.00	2.68 Nm		0.94 Nm																							
RI80v2	Cubemars	FRAMELESS	https://https://			\$147.90	4.1 Nm		1.45 Nm																							
RI100	Cubemars	FRAMELESS	https://https://			\$163.90	4.95 Nm		1.76 Nm																							
AK60-6v1.1 KV8 Cubemars			https://https://			\$300.00	9 Nm		3 Nm		368 g		91.2 W		233 rpm					6		CAN				0.2435 kg-cm2	0.55 deg		0.2 Nm	1		
AK60-6v1.1 KV1 Cubemars			https://https://			\$300.00	9 Nm		3 Nm		368 g		156 W		420 rpm					6		CAN				0.2435 kg-cm2	0.55 deg		0.2 Nm	1		
AK10-9v2 KV60 Cubemars			https://https://			\$800.00	48 Nm		18 Nm		960 g		254.4 W		109 rpm					9		CAN				1 kg-cm2	0.33 deg		0.8 Nm	2		
AK70-10 KV100 Cubemars			https://https://			\$500.00	24.8 Nm		8.3 Nm		521 g		172.8 W		148 rpm					10		CAN				0.414 kg-cm2	0.12 deg		0.48 Nm	1		
AK80-6 KV100 Cubemars			https://https://			\$570.00	12 Nm		6 Nm		485 g		960 W		603 rpm					6		CAN				0.607 kg-cm2	0.22 deg		0.36 Nm	1	2810 N	
AK80-64 KV80 Cubemars			https://https://			\$990.00	120 Nm		48 Nm		850 g		168 W		23 rpm					64		CAN				0.564 kg-cm2	0.18 deg		4.7 Nm	1	2520 N	
AK80-8 KV60 Cubemars			https://https://			\$570.00	25 Nm		10 Nm		570 g		331.2 W		243 rpm					8		CAN				0.608 kg-cm2	0.38 deg		0.75 Nm	2	2520 N	
AK80-9 KV100 Cubemars			https://https://			\$580.00	18 Nm		9 Nm		485 g		494.4 W		390 rpm					9		CAN				0.607 kg-cm2	0.19 deg		0.51 Nm	1	2810 N	
YM070-210-M00 Dynamixel			https://https://			\$1,500.00			0.3 Nm		340 g																					
eRob70FXXI-50 ZeroErr	Faradyi Copy		https://https://				23		3.7																							
eRob70FXXI-80 ZeroErr	Faradyi Copy		https://https://				35		5.4																							
eRob70FXXI-100 ZeroErr	Faradyi Copy		https://https://				35		5.4																							
H25-45	HEBI		https://https://				90 Nm		45 Nm		2.9 kg		360 W					100 rpm	Harmonic													
X8-16	HEBI	LEGACY	https://https://				39 Nm		16 Nm		490 g																					
T8-16	HEBI		https://https://				44 Nm		20 Nm		575 g		36 W		20 rpm				Series Elastic		T-shape thing	Optical Fiber?										
EC-A10020-P1-1 Encos	(this is all ch		https://http://is			\$691.40	150 Nm		50 Nm		1.35 kg									12		CAN										
EC-A8112-P1-18 Encos			https://https://				90 Nm		30 Nm		840 g																					
EC-A8120-P1-6 Encos			https://https://				50 Nm		15 Nm		890 g																					
GO-M8010-6 Mo Unifree			https://https://			\$369.00	23.7 Nm				530 g								Planetary	6.33 Bolt Pattern												
HJ14	Tonifishi		https://https://				66 Nm		13 Nm		1100 g		150 W		39 rpm											0.333333333 deg		1	490 N	90 N		