

# Motor Configuration Options

# PITTMAN®

X - Available Option

C - Consult Factory for Availability

Instrument Grade Brushless DC Servo Motors				Available Motor Options																									
				Encoders										Gears					Brakes					Drives				Cables	
				E22A	E30	E35A	E60	U	H	N	Z	Q	C	G30A	G35A	G42A	G42B	G51A	G3000	B30A	B49A	B7	B3	B5	48132	48133	48134	48140	Power
Series	Diameter	Torque	RPM Max.	X	X	X		X									X	X					X			X			
1.7"	1.72" (43.6mm)	3 - 11 ozin	15,000			C		X	C					C		C							X			X			
A042	1.65" (42mm)	17 - 46 ozin	4,500							X				C						X				X		X	X	X	
IB23000	2.25" (57mm)	55 - 110 ozin	6,000					X	X				X				X				X			X		X			
I2350	2.25" (57mm)	16 - 41 ozin	12,000								X						X				X			X		X	X	X	
I2380	2.25" (57mm)	20 - 83 ozin	6,000								X						X				X			X		X	X	X	
N2300	2.25" (57mm)	11 - 40 ozin	12,000			X	X		X						X	X	X		C	C		X			X		X		
2.5"	2.5" (63.5mm)	14 - 69 ozin	12,000					X	X							C	C		C					X		X			
I3480	3.25 (83mm)	183 - 322 ozin	6,000					C	C		X	C	X												X	X	X	X	
3.55"	3.55" (90mm)	22 - 119 ozin	5,500			C		X	C										C							X	X		
I4680	4.75" (120mm)	431 - 928 ozin	5,000									C	X												X	X	X	X	

Automation Grade Brushless DC Servo Motors				Available Motor Options							
				Encoders				Brakes		Cables	
				O	V	C	D	B5	B6	Power	Signal
Series	Diameter	Torque	RPM Max.								
AB23000	2.25" (57mm)	3.75 - 15 lbin	6,000		X		X		X	X	X
AB34000	3.5" (90mm)	17 - 44 lbin	6,000	X		X		X		X	X
AB48000	4.75" (120mm)	44 - 114 lbin	3,000	X		X				C	X

Slotless Brushless DC Servo Motors				Available Motor Options													
				Encoders					Gears			Brakes		Drives			
				E22A	E30	E35A	N	Z	G30A	G40A	G42B	B30A	B49A	48132	48133	48134	48140
Series	Diameter	Torque	RPM Max.														
3400	1.38" (35mm)	4 - 5.8 ozin	8,000	C	X		C		X		C		X		X		
4400	1.65" (42mm)	12 - 19 ozin	8,000		X	C	C		X		C	C	X		X		
5400	2.28" (58mm)	25 - 43 ozin	5,000		X	C		C	X		C			X	X		

High Performance Slotless Brushless DC Motors				Available Motor Options											
				Encoders				Drives							
				H	E30	N		48132	48133	48140					
Series	Diameter	Torque	RPM Max.												
0.375" (9.5 mm)	0.375" (9.5 mm)	0.3 ozin	70,000												
0.5" (12.7 mm)	0.5" (12.7 mm)	0.9 - 1.1 ozin	60,000					X		X					
0.8" (20 mm)	0.8" (20 mm)	1.8 - 4.3 ozin	60,000			C		X		X					
1.1" (28 mm)	1.1" (28 mm)	6.2 - 14.9 ozin	25,000	C	C	C		X		X					

Brushless DC Motors With Integrated Controller				Available Motor Options											
				Gears			Brakes			Miscellaneous					
				G30A	G42A	G42B	B30A	B49A	B5	Control Panel	Cables				
Series	Diameter	Torque	RPM Max.												
1.7" (43 mm)	1.72" (43.6mm)	3 - 11 ozin	15,000	C	C	C	C								
3.0" (76 mm)	3" (76mm)	55 - 90 ozin	6,000					C							
MA34000	3.86" (98mm)	129 - 292 ozin	3,600					X		X	X				
3.87" (98 mm)	3.87" (98 mm)	35 - 70 ozin	6,000					C							
5.25" (133 mm)	5.25" (133 mm)	100 - 864 ozin	5,000												

Brush Commutated DC Servo Motors				Available Motor Options																				
				Encoders							Gears							Brakes				Tach		
				E22A	E30	E35A	E60	U	H	Q	G22A	G22B	G30A	G35A	G40A	G42A	G42B	G51A	G3000	B30A	B49A	B3	B5	14 V
Series	Diameter	Torque	RPM Max.	X							X	X								X				
6210	0.866" (22mm)	0.8 - 2 ozin	8,500	X	X	X							X	X						X				
8690	1.02" (26mm)	1.9 - 3.2 ozin	9,000	X	X	X							X	X						X				
8220	1.18" (29.9mm)	1.6 - 2.6 ozin	10,500	X	X	X							X	X						X				
8540	1.18" (30mm)	2.5 - 7.6 ozin	7,500	X		X		X					X	X						X				
9230	1.58" (40.1mm)	2.4 - 11.5 ozin	8,200	X	X	X							X			X	X	X		X	X			
14200	2.125 (54mm)	10 - 50 ozin	4,000		X	X	X	X		C						X	X	X	X	C			C	
ID23000	2.25" (57mm)	30 - 57 ozin	6,000					X	X	X									X	X		X		
ID33000	3.25 (83mm)	75 - 225 ozin	6,000					X	X	X										X	X	X	X	

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