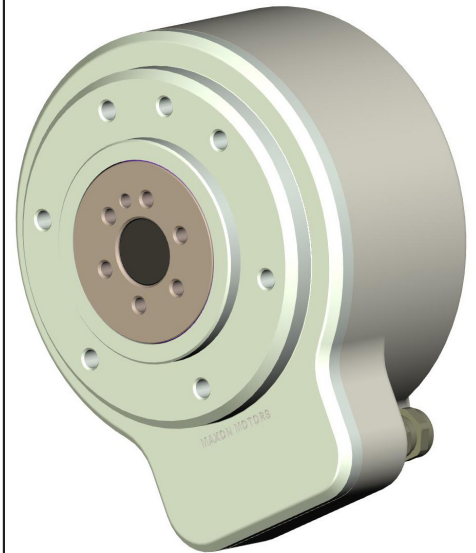
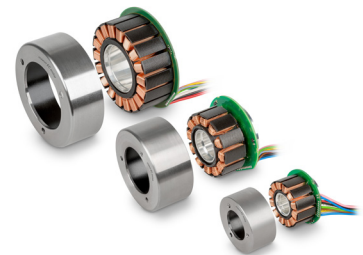


Key Data			
		DJ-90-160	DJ-90-260
Variants	W	160	260
Outer Diameter	mm	95	95
Core motor EC 90 Flat		581301	595339
Length	mm	38	58
Weight	gr	1,000	1,500
Reduction ratio	X:1	5	30
Nominal voltage	V	48	48
Nominal current	A	1	6
Nominal torque	Nm	1.4	8
Max torque	Nm	3	15
Nominal speed	rpm	300	50
Average backlash no load	°	0.13	0.2
Max axial load	N	1,200	
Max radial load	N	8,000	
Bearing at output		Angular contact	
Protection		IP67	
Temperature range	°C	-40 ... +85	
Resolution absolute position	bit	17 (131,072 CPR)	
Static error	Deg	<0.025	
Protocol		SSi	
Interconnection		250mm flying leads	
Hall sensor		Digital	Digital
Resolution internal	CPR	6,400	
Incremental encoder 607513			

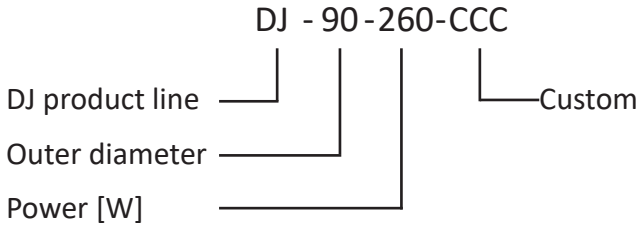
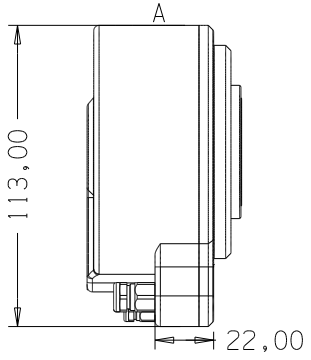
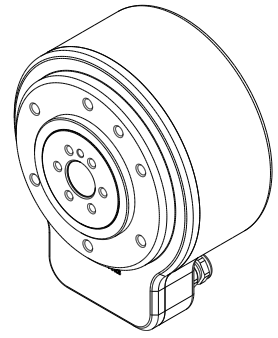
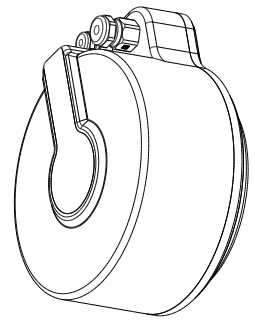
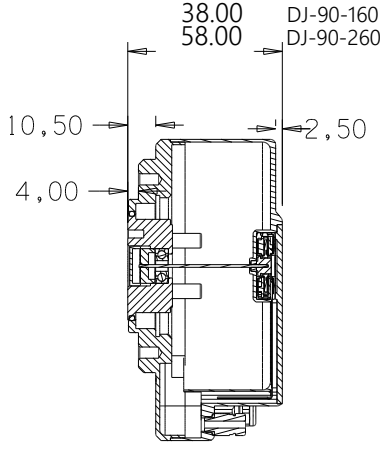
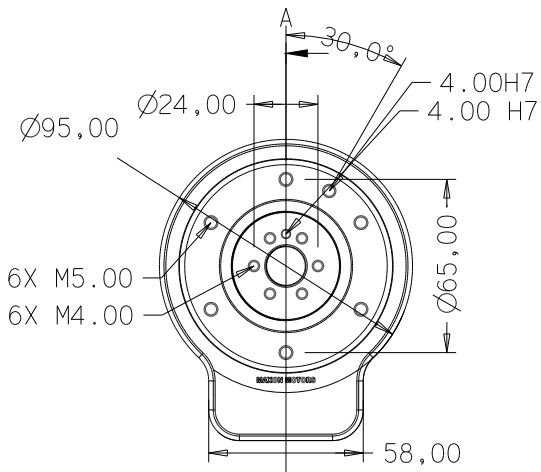


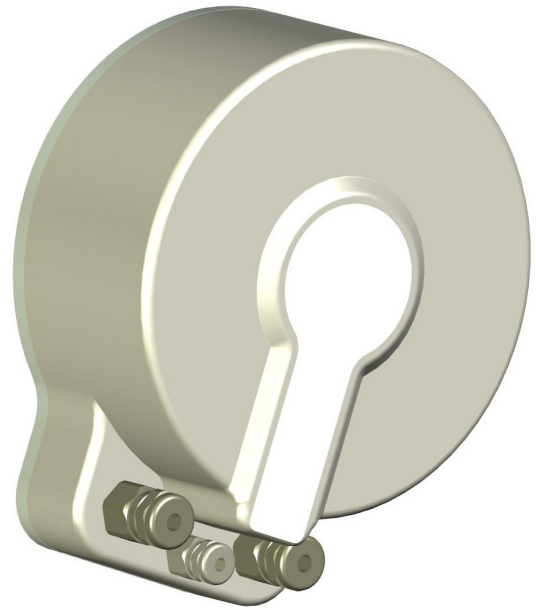
- Low profile
- High power density
- Different variants , size and reductions
- Internal planetary gear
- High precision absolute position feedback on the output
- EC motor core



NEW 90

mmil

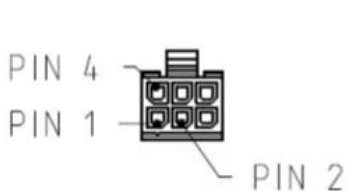




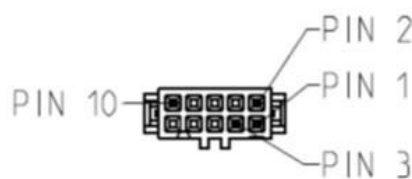
Motor Interconnections , Molex 39-01-2040				
1	motor winding 1	red	AWG16	250 mm
2	motor winding 2	black		
3	motor winding 3	white		
4	N.C			
Hall sensor , Molex 43025-0600				
1	hall sensor 1	yellow	AWG24	250 mm
2	hall sensor 2	brown		
3	hall sensor 3	grey		
4	GND	blue		
5	Hall 4.5 - 24 VDC	green		
6	N.C			
Absolute position sensor interconnection				
	ssi clock +	grey	AWG30	250mm
	ssi clock -	blue		
	ssi data -	yellow		
	ssi data +	green		
	GND	black		
	+5V	red		

Incremental encoder (260W version only) Molex DIN41651				
1	N.C		AWG28	250mm
2	Vcc			
3	GND			
4	N.C			
5	Channel A-			
6	Channel A			
7	Channel B-			
8	Channel B			
9	N.C			
10	N.C			

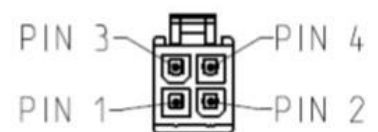
260 W interconnection



Hall sensor



Incremental Encoder



Motor phases