



MANUAL

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Electromagnetic Brake geared motor EMB Series

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Equipped with electromagnetic brake EMB series of high performance, compact micro brakes for braking and maintenance.

EMB brakes ensure sufficient torque for holding applications while also being usable as emergency brakes.

EMB brakes boast a variety of advantages, including quiet operation, long service life, slim form factors, high torque in a compact package, stable braking force. Be careful when handling such parts and materials as striking or dropping them or applying excessive force could cause them to become damaged or deformed.

Smart EC motors can be configured and ordered online. Fast, easy and online : www.dnj.co.kr (dnj@dnj.co.kr)

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No. 2003C V10. 2020 D&J WITH



GEARED EC MOTOR

Ø70 mm, 24V, 40 Watt, Cycloid gear, Brushless, Standard Hollow shaft (front only), Brake

- Cycloid gear train.
- External diameter Ø70
- Brushless DC motor with Electromagnetic Brakes
- Output shaft : Free cutting steel
- Concentric gear input and output
- Motor posture : Horizontal (output shaft)
- High reduction ratio in a small space
- Favorably priced and space-saving
- Hall sensor (5~24Vdc, open-collector)

Nominal data [Geared motor]

DSM 701 -24V -40P - HG [Reduction Ratio]

Reduction Ratio		22.8	51.3	98.7	203.0				
Exact Reduction Ratio		187/4275	187/9595	51/5035	51/10355				
Gearhead Length L1	mm	20.0	20.0	20.0	20.0				
Rated Torque	N.m	2.4	5.1	9.8	9.8				
Rated Speed	RPM	95.8	42.6	22.1	10.8				
Max. Momentary Tolerance torque	N.m	20	20	40	40				
Average Backlash (no load)	min	10	10	10	10				
No load Speed	RPM	116.2	51.7	26.8	13.1				
No load Current	mA	570	570	570	570				
Weight	g	1245	1255	1285	1315				
* Noise	dB								

* Condition of measurement : DC24V, Rad.30[cm], With no load, Fix on sponge

Max. permissible axial load	Nm	45	45	45	45				
Max. permissible force for press fits	Nm	59	59	59	59				
Protection class		IP50							
Temperature ratings (Operation)		Dry bulb temp (-10~50°C), Relative humidity (0~85%)							
Temperature ratings (Storage)		Dry bulb temp (-10~60°C), Relative humidity (10~90%)							

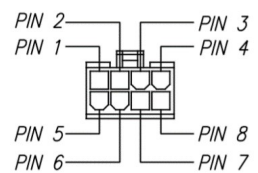
Motor specification

701-24V-40P

Pin Allocation

(Molex 5557-08R)

Rated Voltage	V	24	1 black	GND	Motor	UL1061 AWG 22
Rated Speed	RPM	2300	2 blue	Motor winding W	Hall sensor	UL1061 AWG 26
Rated Torque	N.m	0.18	3 green	Motor winding V		
Rated Current	A	2.5	4 yellow	Motor winding U		
Rated Power	W	40	5 red	Vhall 5 24Vdc		
No load speed	RPM	2650	6 brown	Hall sensor C		
No load current	mA	320	7 gray	Hall sensor B		
			8 white	Hall sensor A		

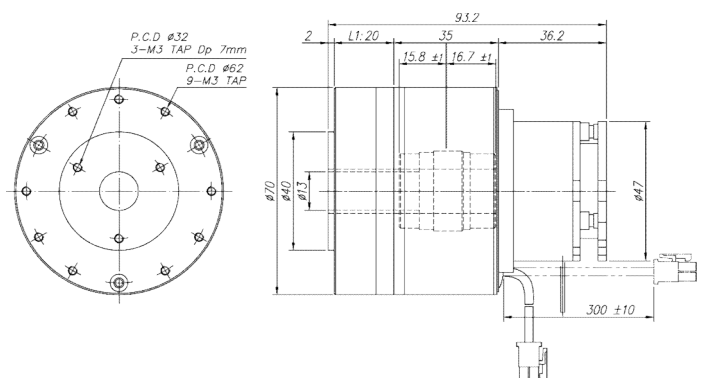


Electromagnetic Brakes

(Specification)

Model No.	BXW-02-10H-24V-5
Voltage (V)	24
Wattage (W)	6.6
Current (A)	0.275
Resistance (Ω)	87.3
Static friction torque (N.m)	0.5
Heat resistance class	F
Lead Wire	UL3398 AWG26 40
Armature pull-in time (sec)	0.01
Armature release time (sec)	0.01

Dimensions in [mm]





GEARED EC MOTOR

Ø70 mm, 24V, 40 Watt, Cycloid gear, Brushless, Hollow disc flange option, Brake

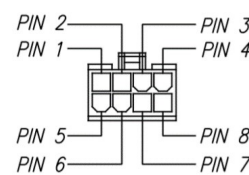
- Cycloid gear train.
- External diameter Ø70
- Brushless DC motor with Electromagnetic Brakes
- Output shaft : Free cutting steel
- Concentric gear input and output
- Motor posture : Horizontal (output shaft)
- High reduction ratio in a small space
- Favorably priced and space-saving
- Hall sensor (5~24Vdc, open-collector)

Nominal data [Geared motor]		DSM 701 -24V -40P - HG [Reduction Ratio]							
Reduction Ratio		22.8	51.3	98.7	203.0				
Exact Reduction Ratio		187/4275	187/9595	51/5035	51/10355				
Gearhead Length L1	mm	20.0	20.0	20.0	20.0				
Rated Torque	N.m	2.4	5.1	9.8	9.8				
Rated Speed	RPM	95.8	42.6	22.1	10.8				
Max. Momentary Tolerance torque	N.m	20	20	40	40				
Average Backlash (no load)	min	10	10	10	10				
No load Speed	RPM	116.2	51.7	26.8	13.1				
No load Current	mA	570	570	570	570				
Weight	g	1305	1315	1345	1375				
* Noise	dB								

* Condition of measurement : DC24V, Rad.30[cm], With no load, Fix on sponge

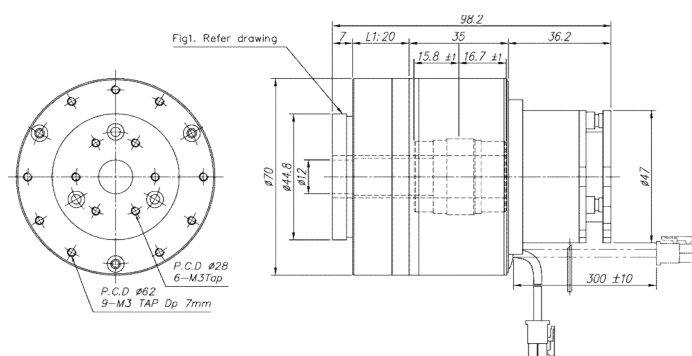
Max. permissible axial load	Nm	45	45	45	45				
Max. permissible force for press fits	Nm	59	59	59	59				
Protection class		IP50							
Temperature ratings (Operation)		Dry bulb temp (-10~50°C), Relative humidity (0~85%)							
Temperature ratings (Storage)		Dry bulb temp (-10~60°C), Relative humidity (10~90%)							

Motor specification		701-24V-40P	Pin Allocation		(Molex 5557-08R)	
Rated Voltage	V	24	1 black	GND	Motor	UL1061 AWG 22
Rated Speed	RPM	2300	2 blue	Motor winding W	Hall sensor	UL1061 AWG 26
Rated Torque	N.m	0.18	3 green	Motor winding V		
Rated Current	A	2.5	4 yellow	Motor winding U		
Rated Power	W	40	5 red	Vhall 5 24Vdc		
No load speed	RPM	2650	6 brown	Hall sensor C		
No load current	mA	320	7 gray	Hall sensor B		
			8 white	Hall sensor A		



Electromagnetic Brakes		(Specification)
Model No.		BXW-02-10H-24V-5
Coil	Voltage (V)	24
	Wattage (W)	6.6
	Current (A)	0.275
	Resistance (Ω)	87.3
Static friction torque (N.m)		0.5
Heat resistance class		F
Lead Wire		UL3398 AWG26 40
Armature pull-in time (sec)		0.01
Armature release time (sec)		0.01

Dimensions in [mm]





GEARED EC MOTOR

Ø70 mm, 24V, 60 Watt, Cycloid gear, Brushless, Standard Hollow shaft (front only), Brake

- Cycloid gear train.
- External diameter Ø70
- Brushless DC motor with Electromagnetic Brakes
- Output shaft : Free cutting steel
- Concentric gear input and output
- Motor posture : Horizontal (output shaft)
- High reduction ratio in a small space
- Favorably priced and space-saving
- Hall sensor (5~24Vdc, open-collector)

Nominal data [Geared motor]

DSM 701 -24V -60P - HG [Reduction Ratio]

Reduction Ratio		22.8	51.3	98.7	203.0				
Exact Reduction Ratio		187/4275	187/9595	51/5035	51/10355				
Gearhead Length L1	mm	20.0	20.0	20.0	20.0				
Rated Torque	N.m	2.5	5.4	9.8	9.8				
Rated Speed	RPM	125.0	55.6	28.9	14.0				
Max. Momentary Tolerance torque	N.m	20	20	40	40				
Average Backlash (no load)	min	10	10	10	10				
No load Speed	RPM	153.5	68.2	35.5	17.2				
No load Current	mA	700	700	700	700				
Weight	g	1240	1250	1280	1310				
* Noise	dB								

* Condition of measurement : DC24V, Rad.30[cm], With no load, Fix on sponge

Max. permissible axial load	Nm	45	45	45	45				
Max. permissible force for press fits	Nm	59	59	59	59				
Protection class		IP50							
Temperature ratings (Operation)		Dry bulb temp (-10~50°C), Relative humidity (0~85%)							
Temperature ratings (Storage)		Dry bulb temp (-10~60°C), Relative humidity (10~90%)							

Motor specification

701-24V-60P

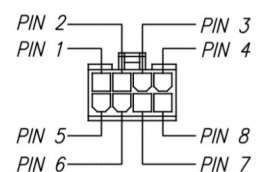
Pin Allocation

(Molex 5557-08R)

Rated Voltage	V	24
Rated Speed	RPM	3000
Rated Torque	N.m	0.19
Rated Current	A	3.5
Rated Power	W	60
No load speed	RPM	3500
No load current	mA	450

1 black	GND
2 blue	Motor winding W
3 green	Motor winding V
4 yellow	Motor winding U
5 red	Vhall 5 24Vdc
6 brown	Hall sensor C
7 gray	Hall sensor B
8 white	Hall sensor A

Motor	UL1061 AWG 22
Hall sensor	UL1061 AWG 26

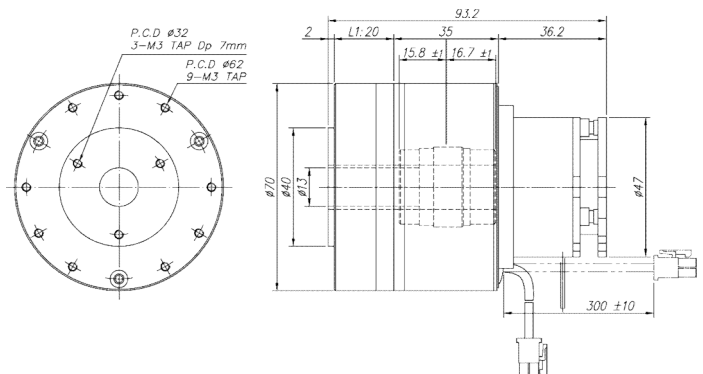


Electromagnetic Brakes

(Specification)

Model No.	BXW-02-10H-24V-5
Voltage (V)	24
Wattage (W)	6.6
Current (A)	0.275
Resistance (Ω)	87.3
Static friction torque (N.m)	0.5
Heat resistance class	F
Lead Wire	UL3398 AWG26 40
Armature pull-in time (sec)	0.01
Armature release time (sec)	0.01

Dimensions in [mm]





GEARED EC MOTOR

Ø70 mm, 24V, 60 Watt, Cycloid gear, Brushless, Hollow disc flange option, Brake

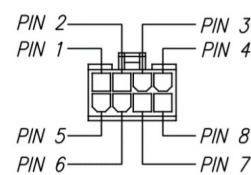
- Cycloid gear train.
- External diameter Ø70
- Brushless DC motor with Electromagnetic Brakes
- Output shaft : Free cutting steel
- Concentric gear input and output
- Motor posture : Horizontal (output shaft)
- High reduction ratio in a small space
- Favorably priced and space-saving
- Hall sensor (5~24Vdc, open-collector)

Nominal data [Geared motor]		DSM 701 -24V -60P - HG [Reduction Ratio]							
Reduction Ratio		22.8	51.3	98.7	203.0				
Exact Reduction Ratio		187/4275	187/9595	51/5035	51/10355				
Gearhead Length L1	mm	20.0	20.0	20.0	20.0				
Rated Torque	N.m	2.5	5.4	9.8	9.8				
Rated Speed	RPM	125.0	55.6	28.9	14.0				
Max. Momentary Tolerance torque	N.m	20	20	40	40				
Average Backlash (no load)	min	10	10	10	10				
No load Speed	RPM	153.5	68.2	35.5	17.2				
No load Current	mA	700	700	700	700				
Weight	g	1300	1310	1340	1370				
* Noise	dB								

* Condition of measurement : DC24V, Rad.30[cm], With no load, Fix on sponge

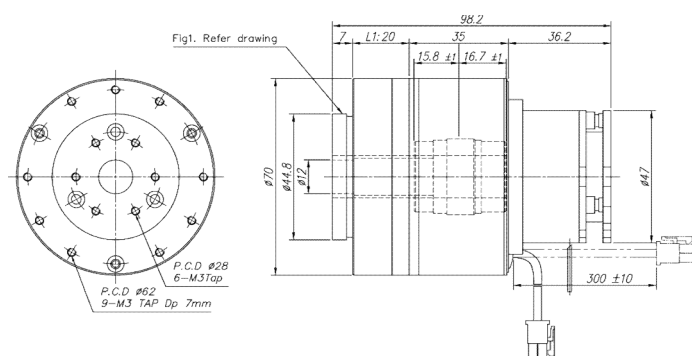
Max. permissible axial load	Nm	45	45	45	45				
Max. permissible force for press fits	Nm	59	59	59	59				
Protection class		IP50							
Temperature ratings (Operation)		Dry bulb temp (-10~50°C), Relative humidity (0~85%)							
Temperature ratings (Storage)		Dry bulb temp (-10~60°C), Relative humidity (10~90%)							

Motor specification		701-24V-60P	Pin Allocation		(Molex 5557-08R)	
Rated Voltage	V	24	1 black	GND	Motor	UL1061 AWG 22
Rated Speed	RPM	3000	2 blue	Motor winding W	Hall sensor	UL1061 AWG 26
Rated Torque	N.m	0.19	3 green	Motor winding V		
Rated Current	A	3.5	4 yellow	Motor winding U		
Rated Power	W	60	5 red	Vhall 5 24Vdc		
No load speed	RPM	3500	6 brown	Hall sensor C		
No load current	mA	450	7 gray	Hall sensor B		
			8 white	Hall sensor A		



Electromagnetic Brakes		(Specification)
Model No.		BXW-02-10H-24V-5
Coil	Voltage (V)	24
	Wattage (W)	6.6
	Current (A)	0.275
	Resistance (Ω)	87.3
Static friction torque (N.m)		0.5
Heat resistance class		F
Lead Wire		UL3398 AWG26 40
Armature pull-in time (sec)		0.01
Armature release time (sec)		0.01

Dimensions in [mm]





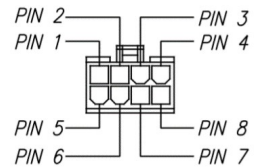
GEARED EC MOTOR

DSM701, 24V, 40 Watt, IG52 Planetary Gearhead, Brushless, Brake

- Brushless DC motor with Electromagnetic Brakes
- Planetary Gearhead : straight teeth
- Bearing at output : ball bearing
- Rotation direction : CW/CCW (View from output shaft)
- Motor posture : Horizontal (output shaft)
- For transferring high torques up to 10N.m
- Concentric gear input and output
- Reduction ratios of 3:1 to 936:1
- Hall sensor (5~24Vdc, open-collector)

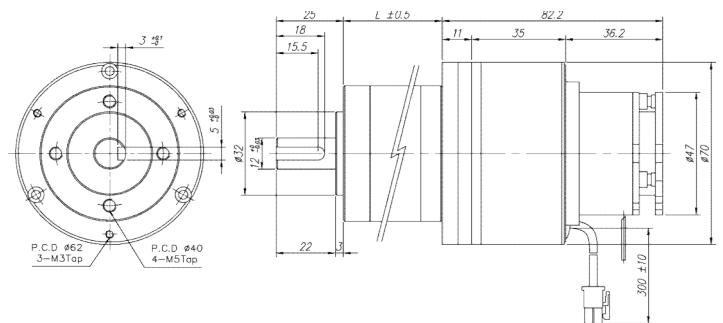
Nominal data [Geared motor]		DSM 701 -24V -40P - IG52 [Reduction Ratio]															
Reduction Ratio		3	4	12	15	19	21	26	43	53	66	81	100	113	126	150	230
		285	353	488	546	676	756	936									
Gearhead Length L	mm	53.0	53.0	68.5	68.5	68.5	68.5	68.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	99.5	99.5
		99.5	99.5	99.5	99.5	99.5	99.5	99.5									
Rated Torque	N.m	0.43	0.58	1.51	1.89	2.39	2.65	3.28	4.64	5.72	7.13	9.81	9.81	9.81	9.81	9.81	9.81
		9.81	9.81	9.81	9.81	9.81	9.81	9.81									
Max. momentary tolerance torque	N.m	2.94	2.94	8.83	8.83	14.7	14.7	14.7	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
		29.4	29.4	29.4	29.4	29.4	29.4	29.4									
Efficiency	%	80	80	70	70	70	70	70	60	60	60	60	60	60	60	50	50
		50	50	50	50	50	50	50									
Rated Speed	rpm	743.7	557.8	184.0	147.2	116.2	105.1	84.9	50.8	41.2	33.1	27.0	21.9	19.3	17.3	14.6	9.5
		7.7	6.2	4.5	4.0	3.2	2.9	2.3									
No load speed	rpm	883.3	662.5	220.8	176.7	139.5	126.2	101.9	61.6	50.0	40.2	32.7	26.5	23.5	21.0	17.7	11.5
		9.3	7.5	5.4	4.9	3.9	3.5	2.8									
Weigth	g	1515	1515	1700	1700	1700	1700	1700	1890	1890	1890	1890	1890	1890	1890	2060	2060
		2060	2060	2060	2060	2060	2060	2060									
Temperature ratings (Operation)		Dry bulb temp (-10~50℃), Relative humidity (0~85%)															
Temperature ratings (Storage)		Dry bulb temp (-10~60℃), Relative humidity (10~90%)															

Motor specification		701-24V-40P	Pin Allocation		(Molex 5557-08R)		
Rated Voltage	V	24	1	black	GND	Motor	UL1061 AWG 22
Rated Speed	RPM	2300	2	blue	Motor winding W	Hall sensor	UL1061 AWG 26
Rated Torque	N.m	0.18	3	green	Motor winding V		
Rated Current	A	2.5	4	yellow	Motor winding U		
Rated Power	W	40	5	red	Vhall 5 24Vdc		
No load speed	RPM	2650	6	brown	Hall sensor C		
No load current	mA	320	7	gray	Hall sensor B		
			8	white	Hall sensor A		



Electromagnetic Brakes		(Specification)
Model No.		BXW-02-10H-24V-5
Coil	Voltage (V)	24
	Wattage (W)	6.6
	Current (A)	0.275
	Resistance (Ω)	87.3
Static friction torque (N.m)		0.5
Heat resistance class		F
Lead Wire		UL3398 AWG26 40
Armature pull-in time (sec)		0.01
Armature release time (sec)		0.01

Dimensions in [mm]





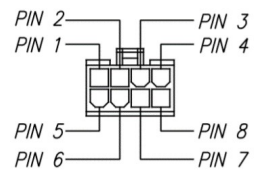
GEARED EC MOTOR

DSM701, 24V, 60 Watt, IG52 Planetary Gearhead, Brushless, Brake

- Brushless DC motor with Electromagnetic Brakes
- Planetary Gearhead : straight teeth
- Bearing at output : ball bearing
- Rotation direction : CW/CCW (View from output shaft)
- Motor posture : Horizontal (output shaft)
- For transferring high torques up to 10N.m
- Concentric gear input and output
- Reduction ratios of 3:1 to 936:1
- Hall sensor (5~24Vdc, open-collector)

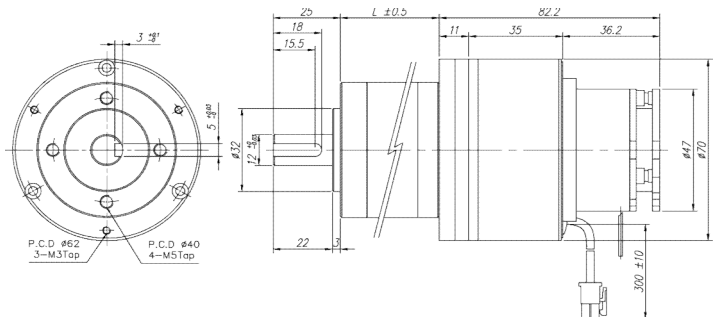
Nominal data [Geared motor]		DSM 701 -24V -60P - IG52 [Reduction Ratio]															
Reduction Ratio		3	4	12	15	19	21	26	43	53	66	81	100	113	126	150	230
		285	353	488	546	676	756	936									
Gearhead Length L	mm	53.0	53.0	68.5	68.5	68.5	68.5	68.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	99.5	99.5
		99.5	99.5	99.5	99.5	99.5	99.5	99.5									
Rated Torque	N.m	0.46	0.61	1.60	2.00	2.53	2.79	3.46	4.90	6.04	7.52	9.81	9.81	9.81	9.81	9.81	9.81
		9.81	9.81	9.81	9.81	9.81	9.81	9.81									
Max. momentary tolerance torque	N.m	2.94	2.94	8.83	8.83	14.7	14.7	14.7	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
		29.4	29.4	29.4	29.4	29.4	29.4	29.4									
Efficiency	%	80	80	70	70	70	70	70	60	60	60	60	60	60	60	50	50
		50	50	50	50	50	50	50									
Rated Speed	rpm	970.0	727.5	240.0	192.0	151.6	137.1	110.8	66.3	53.8	43.2	35.2	28.5	25.2	22.6	19.0	12.4
		10.0	8.1	5.8	5.2	4.2	3.8	3.0									
No load speed	rpm	1166.7	875.0	291.7	233.3	184.2	166.7	134.6	81.4	66.0	53.0	43.2	35.0	31.0	27.8	23.3	15.2
		12.3	9.9	7.2	6.4	5.2	4.6	3.7									
Weigth	g	1510	1510	1695	1695	1695	1695	1695	1885	1885	1885	1885	1885	1885	1885	2055	2055
		2055	2055	2055	2055	2055	2055	2055									
Temperature ratings (Operation)		Dry bulb temp (-10~50℃), Relative humidity (0~85%)															
Temperature ratings (Storage)		Dry bulb temp (-10~60℃), Relative humidity (10~90%)															

Motor specification		701-24V-60P	Pin Allocation		(Molex 5557-08R)	
Rated Voltage	V	24	1 black	GND	Motor	UL1061 AWG 22
Rated Speed	RPM	3000	2 blue	Motor winding W	Hall sensor	UL1061 AWG 26
Rated Torque	N.m	0.19	3 green	Motor winding V		
Rated Current	A	3.5	4 yellow	Motor winding U		
Rated Power	W	60	5 red	Vhall 5 24Vdc		
No load speed	RPM	3500	6 brown	Hall sensor C		
No load current	mA	450	7 gray	Hall sensor B		
			8 white	Hall sensor A		



Electromagnetic Brakes		(Specification)
Model No.		BXW-02-10H-24V-5
Coil	Voltage (V)	24
	Wattage (W)	6.6
	Current (A)	0.275
	Resistance (Ω)	87.3
Static friction torque (N.m)		0.5
Heat resistance class		F
Lead Wire		UL3398 AWG26 40
Armature pull-in time (sec)		0.01
Armature release time (sec)		0.01

Dimensions in [mm]





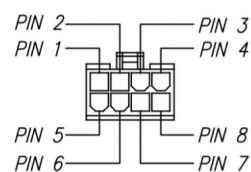
GEARED EC MOTOR

DSM701, 24V, 60 Watt, IG71 Planetary Gearhead, Brushless, Brake

- Brushless DC motor with Electromagnetic Brakes
- Planetary Gearhead : straight teeth
- Bearing at output : ball bearing
- Rotation direction : CW/CCW (View from output shaft)
- Motor posture : Horizontal (output shaft)
- For transferring high torques up to 10N.m
- Concentric gear input and output
- Reduction ratios of 4:1 to 611:1
- Hall sensor (5~24Vdc, open-collector)

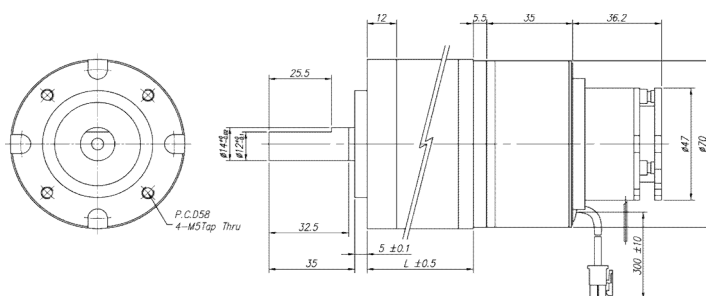
Nominal data [Geared motor]		DSM 701 -24V -40P - IG71 [Reduction Ratio]															
Reduction Ratio		4	13	16	20	50	60	75	91	102	126	189	242	300	363	414	493
		543	611														
Gearhead Length L	mm	49.3	65.8	65.8	65.8	82.3	82.3	82.3	82.3	82.3	82.3	98.8	98.8	98.8	98.8	98.8	98.8
		98.8	98.8														
Rated Torque	N.m	0.58	1.64	2.02	2.52	5.40	6.48	8.10	9.83	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26
		12.26	12.26														
Max. momentary tolerance torque	N.m	4.4	20.6	20.6	20.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
		36.8	36.8														
Efficiency	%	80	70	70	70	60	60	60	60	60	60	50	50	50	50	50	50
		50	50														
Rated Speed	rpm	557.8	169.8	138.0	110.4	44.2	36.8	29.4	24.3	21.4	17.3	11.6	9.0	7.3	6.0	5.3	4.4
		4.0	3.6														
No load speed	rpm	662.5	203.8	165.6	132.5	53.0	44.2	35.3	29.1	26.0	21.0	14.0	11.0	8.8	7.3	6.4	5.4
		4.9	4.3														
Weigth	g	1930	2260	2260	2260	2590	2590	2590	2590	2590	2590	2930	2930	2930	2930	2930	2930
		2930	2930														
Temperature ratings (Operation)		Dry bulb temp (-10~50℃), Relative humidity (0~85%)															
Temperature ratings (Storage)		Dry bulb temp (-10~60℃), Relative humidity (10~90%)															

Motor specification		701-24V-40P	Pin Allocation		(Molex 5557-08R)	
Rated Voltage	V	24	1 black	GND	Motor	UL1061 AWG 22
Rated Speed	RPM	2300	2 blue	Motor winding W	Hall sensor	UL1061 AWG 26
Rated Torque	N.m	0.18	3 green	Motor winding V		
Rated Current	A	2.5	4 yellow	Motor winding U		
Rated Power	W	40	5 red	Vhall 5 24Vdc		
No load speed	RPM	2650	6 brown	Hall sensor C		
No load current	mA	320	7 gray	Hall sensor B		
			8 white	Hall sensor A		



Electromagnetic Brakes		(Specification)
Model No.		BXW-02-10H-24V-5
Coil	Voltage (V)	24
	Wattage (W)	6.6
	Current (A)	0.275
	Resistance (Ω)	87.3
Static friction torque (N.m)		0.5
Heat resistance class		F
Lead Wire		UL3398 AWG26 40
Armature pull-in time (sec)		0.01
Armature release time (sec)		0.01

Dimensions in [mm]





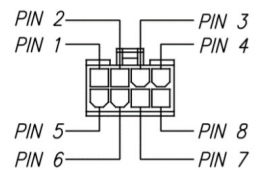
GEARED EC MOTOR

DSM701, 24V, 60 Watt, IG71 Planetary Gearhead, Brushless, Brake

- Brushless DC motor with Electromagnetic Brakes
- Planetary Gearhead : straight teeth
- Bearing at output : ball bearing
- Rotation direction : CW/CCW (View from output shaft)
- Motor posture : Horizontal (output shaft)
- For transferring high torques up to 10N.m
- Concentric gear input and output
- Reduction ratios of 4:1 to 611:1
- Hall sensor (5~24Vdc, open-collector)

Nominal data [Geared motor]		DSM 701 -24V -60P - IG71 [Reduction Ratio]															
Reduction Ratio		4	13	16	20	50	60	75	91	102	126	189	242	300	363	414	493
		543	611														
Gearhead Length L	mm	49.3	65.8	65.8	65.8	82.3	82.3	82.3	82.3	82.3	82.3	98.8	98.8	98.8	98.8	98.8	98.8
		98.8	98.8														
Rated Torque	N.m	0.61	1.73	2.13	2.66	5.70	6.84	8.55	10.37	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26
		12.26	12.26														
Max. momentary tolerance torque	N.m	4.4	20.6	20.6	20.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
		36.8	36.8														
Efficiency	%	80	70	70	70	60	60	60	60	60	60	50	50	50	50	50	50
		50	50														
Rated Speed	rpm	727.5	221.5	180.0	144.0	57.6	48.0	38.4	31.6	27.9	22.6	15.1	11.8	9.5	7.9	6.9	5.8
		5.2	4.7														
No load speed	rpm	875.0	269.2	218.8	175.0	70.0	58.3	46.7	38.5	34.3	27.8	18.5	14.5	11.7	9.6	8.5	7.1
		6.4	5.7														
Weigth	g	1925	2255	2255	2255	2585	2585	2585	2585	2585	2585	2925	2925	2925	2925	2925	2925
		2925	2925														
Temperature ratings (Operation)		Dry bulb temp (-10~50℃), Relative humidity (0~85%)															
Temperature ratings (Storage)		Dry bulb temp (-10~60℃), Relative humidity (10~90%)															

Motor specification		701-24V-60P	Pin Allocation		(Molex 5557-08R)	
Rated Voltage	V	24	1 black	GND	Motor	UL1061 AWG 22
Rated Speed	RPM	3000	2 blue	Motor winding W	Hall sensor	UL1061 AWG 26
Rated Torque	N.m	0.19	3 green	Motor winding V		
Rated Current	A	3.5	4 yellow	Motor winding U		
Rated Power	W	60	5 red	Vhall 5 24Vdc		
No load speed	RPM	3500	6 brown	Hall sensor C		
No load current	mA	450	7 gray	Hall sensor B		
			8 white	Hall sensor A		



Electromagnetic Brakes		(Specification)
Model No.		BXW-02-10H-24V-5
Coil	Voltage (V)	24
	Wattage (W)	6.6
	Current (A)	0.275
	Resistance (Ω)	87.3
Static friction torque (N.m)		0.5
Heat resistance class		F
Lead Wire		UL3398 AWG26 40
Armature pull-in time (sec)		0.01
Armature release time (sec)		0.01

Dimensions in [mm]

