

MAGIDRIVE Motorisation Details

Gearbox Options

DRIVE	MOTOR TYPE	MAXIMUM OUTPUT TORQUE Nm FOR					MAXIMUM OUTPUT SPIN SPEED RPM				
		GEAR OPTION:					FOR GEAR OPTION (GEAR RATIO):				
		1	2	3	4	5	1	2	3	4	5
MD10	In-Line DC motor (ID)	0.18	0.18	0.18	0.18	0.18	230 (18:1)	135 (30:1)	70 (60:1)	42 (100:1)	-
	In-Line stepper motor (IS)	0.07	0.18	0.18	0.18	-	200 (1:1)	23 (64:1)	16 (64:1)	8 (64:1)	-
MD16N	In-Line DC motor (ID)	0.21	0.35	0.45	0.45	-	230 (18:1)	135 (30:1)	70 (60:1)	42 (100:1)	-
	In-Line stepper motor (IS)	0.3	0.45	0.45	0.45	-	1000 (1:1)	375 (4:1)	107 (14:1)	75 (20:1)	-
MD16A	In-Line DC motor (ID)	0.21	0.35	0.6	0.6	-	230 (18:1)	135 (30:1)	70 (60:1)	42 (100:1)	-
	In-Line stepper motor (IS)	0.3	1.1	1.8	1.8	-	1000 (1:1)	375 (4:1)	107 (14:1)	75 (20:1)	-
MD40N	In-Line DC motor (ID)	0.21	0.35	0.6	0.6	-	230 (18:1)	135 (30:1)	70 (60:1)	42 (100:1)	-
	In-Line stepper motor (IS)	0.3	0.45	0.45	0.45	-	1000 (1:1)	375 (4:1)	107 (14:1)	75 (20:1)	-
MD40A	In-Line DC motor (ID)	0.21	0.35	0.6	0.6	-	230 (18:1)	135 (30:1)	70 (60:1)	42 (100:1)	-
	In-Line stepper motor (IS)	0.3	1.1	1.8	1.8	-	1000 (1:1)	375 (4:1)	107 (14:1)	75 (20:1)	-
MD40 MD40H	In-Line DC motor (ID)	0.5	1.1	2.5	5.0	-	460 (5:1)	230 (10:1)	92 (25:1)	46 (50:1)	-
	Side-mounted DC motor (SD)	0.5	1.1	2.5	5.0	-	460 (10:1)	230 (20:1)	92 (50:1)	46 (100:1)	-
	Side-mounted stepper motor (SS)	1.4	1.9	5.8	8.4	-	500 (2:1)	188 (8:1)	54 (28:1)	38 (40:1)	-
	In-Line stepper motor (IS)	0.7	3.2	6.4	9.0	-	500 (1:1)	300 (5:1)	150 (10:1)	60 (25:1)	-
MD35LBCBP	Side-mounted DC motor (SD)	0.4	1.7	6.0	6.0	6.0	538 (10:1)	104 (54:1)	28 (200:1)	17 (332:1)	23 (45:1)
	Side-mounted stepper motor (SS)	0.8	3.7	6.0	6.0	6.0	500 (2:1)	150 (10:1)	75 (20:1)	30 (50:1)	23 (45:1)
MD64 MD64H* *side-mounted options only	Side-mounted DC motor (SD)	1.7	4.3	7.9	10	-	245 (10:1)	98 (25:1)	49 (50:1)	25 (100:1)	-
	In-Line DC motor (ID)	0.9	1.8	4.2	8.4	-	440 (5:1)	220 (10:1)	88 (25:1)	44 (50:1)	-
	Side-mounted stepper motor (SS)	3.5	6.9	10	10	-	150 (10:1)	75 (20:1)	30 (50:1)	15 (100:1)	-
	In-Line stepper motor (IS)	4.6	3.7	8.4	10	-	300 (5:1)	150 (10:1)	60 (25:1)	30 (50:1)	-
MD64LBCB (MD64LBMCB)	Side-mounted stepper motor (SS)	3.7	7.3	8.0 (16.8)	8.0 (33.6)	-	150 (10:1)	75 (20:1)	30 (50:1)	15 (100:1)	-
MD100H	Side-mounted stepper motor (SS)	3.7	7.3	16.8	33.6	-	150 (10:1)	75 (20:1)	30 (50:1)	15 (100:1)	-

For detailed technical information including gearing ratios please contact us

For more information:

UHV Design Ltd
 Judges House, Lewes Road,
 Laughton, East Sussex, BN8 6BN, UK
 T: +44(0)1323 811188
 E:sales@uhvdesign.com
 www.uhvdesign.com

To find your nearest UHV Design
 representative please visit www.uhvdesign.com
 and click 'Contact'.