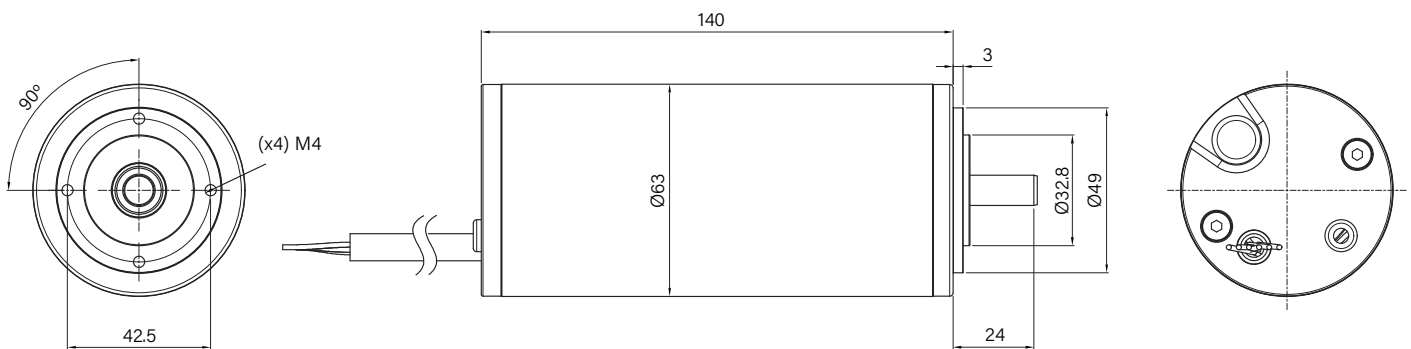
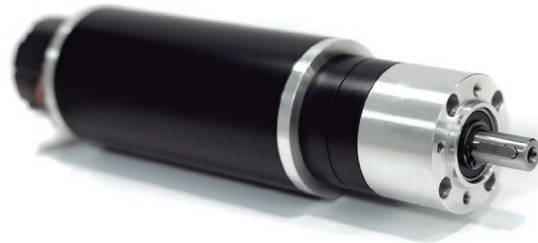


263 motor series

Highly MODULAR and compact DC brushed motor
Integrated HALL SENSOR
Optional ELECTRONICS: CAN Digital Input / O
Manufactured in 12V and 24V
Designed to CUSTOMIZE and meet your needs

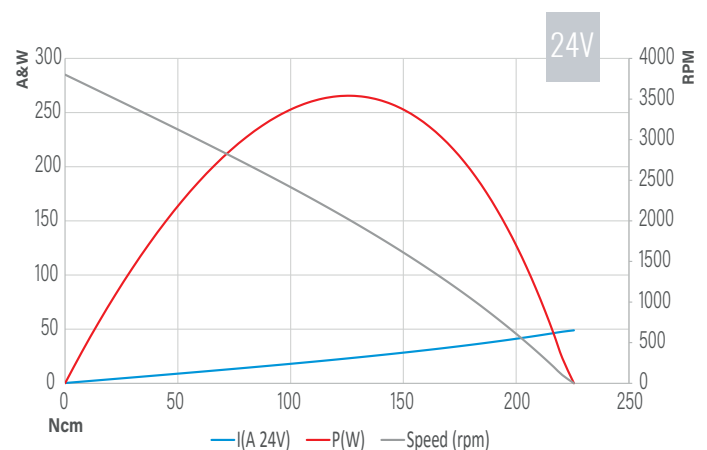
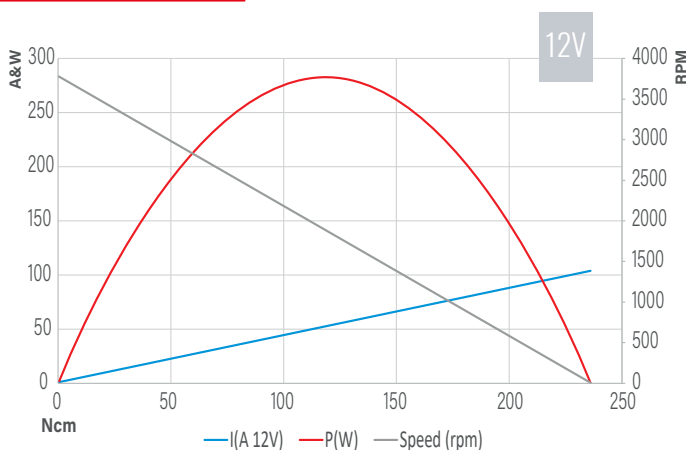


all dimensions in millimeters (mm)

MODULAR SYSTEM

ECU		+	BRAKE		+	MOTOR		+	GEAR	
CAN Digital Input / O		12 - 24V <1.5Nm L=35.6mm			263 motor series: 12-24V ENCODER Integrated Hall Sensor 2+2 - 6+6 pulses 2 channels at 90°			1-3 stages 4:1 - 308:1 Ø52mm		

CURVES



MAIN MOTOR FEATURES

	SIGN	UNIT	VALUE 12V	VALUE 24V
Rated Voltage	U_N	V	12	24
Rated power input	P_{er}	W	120	114.2
Rated power output	P_{m^r}	W	96.9	96.9
Rated speed	n_N	rpm	3400	3400
Rated torque	M_N	Nm	0.27	0.27
Rated current	I_N	A	10	4.85
Rated efficiency	η_N	%	80.75	84.85
No Load speed	n_0	rpm	3800	3800
Stall current	I_H	A	44	44
Demagnetization current	I_E	A	80	28
Stall Torque	Γ_s	Nm	2.36	2.46
Maximum continuous torque	M_{max}	Nm	0.24	0.27
Voltage constant	k_E	V*s/rad	0.028	0.05
Torque constant	k_M	Nm/A	0.0283	0.05284
Starting Voltage	U_A	V	2	2
Inertia	J_R	gcm ²	871.95	871.95

EMC Degree	ISO 14980 - EN 50121
Bearing type	2 ball bearings
Permissible axial shaft loads	F_{axial} 150N
Permissible radial shaft loads	F_{radial} 150N
IP	Up to IP69K
Insulation class DIN VDE 0530	Class B or F

