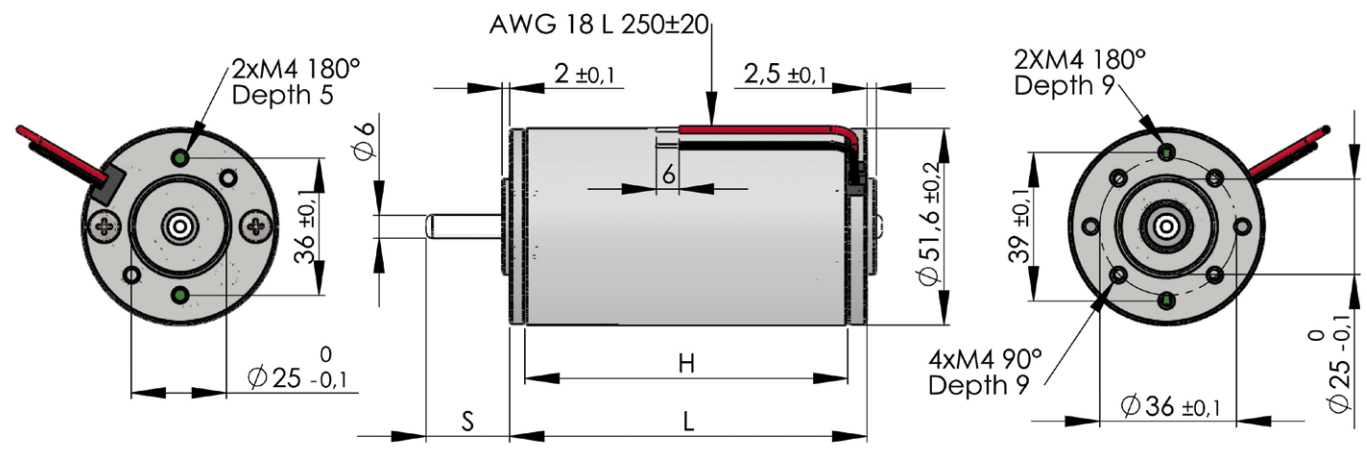


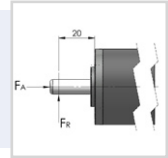
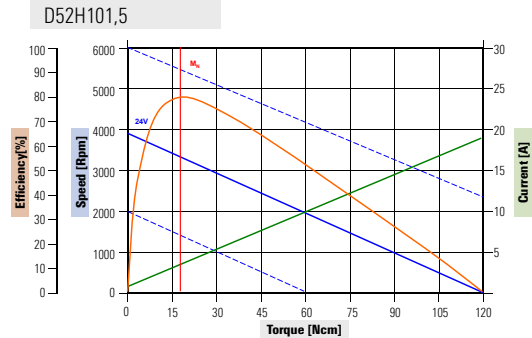
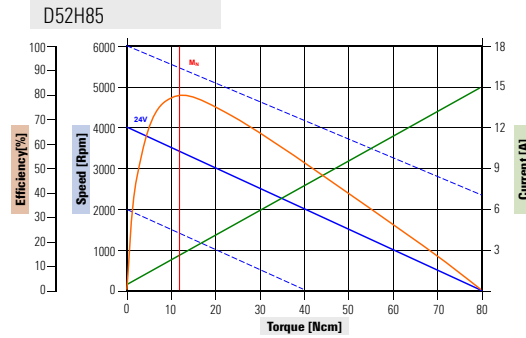
1. DC Motor with permanent magnet
2. 8 blades commutator
3. Graphit-copper brushes
4. Zinc plated motor housing
5. Ball bearing on drive shaft side
6. Operation in both directions
7. Service life 3.000 hrs at nominal data
8. Insulation class B
9. IP30 protection class (optionally higher)
10. EMC suppressor available on demand

Model: D52

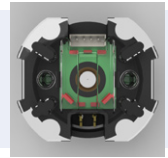
SPECIAL WINDINGS AVAILABLE ON DEMAND
SPECIAL OUTPUT SHAFT AVAILABLE ON DEMAND
OPTIONAL ENCODER



Nominal data	D52H85		D52H101		
	12V	24V	12V	24V	
Winding	21-060	44-0425	18-063	31-050	
NO LOAD SPEED	Rpm	3950	4000	3250	3950
NO LOAD CURRENT	A	0,6	0,3	0,75	0,35
NOMINAL SPEED	Rpm	3350	3400	2750	3350
NOMINAL TORQUE	Ncm	10	12	17	19
NOMINAL CURRENT	A	3,8	2,1	4,6	3,4
NOMINAL OUTPUT POWER	W	37	42	47	65
EFFICIENCY	%	77	80	76	80
STARTING TORQUE	Ncm	70	80	80	120
STARTING CURRENT	A	24	15	24	19
ROTOR MOMENT INERTIA	gcm ²	250	250	400	400
WEIGHT	Kg	0,8	0,8	1	1
LENGTH L	mm	94	94	110	110



MAX SHAFT LOAD
 F_A (Axial Load) = 40 N
 F_R (Radial Load) = 80 N
[at 20 mm from motor flange]



MAGNETIC ENCODER
(1 or 2 channel, up to 5 ppr)