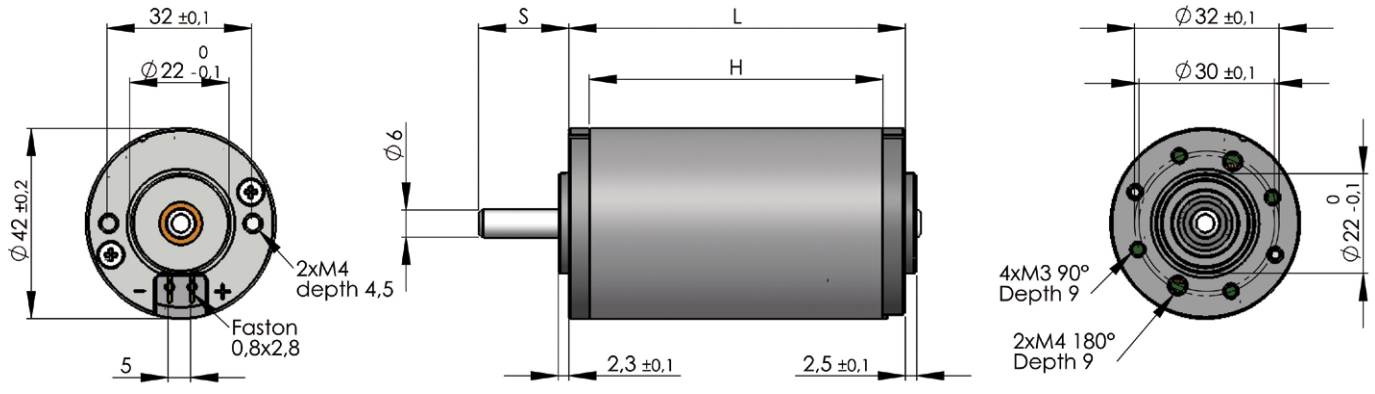


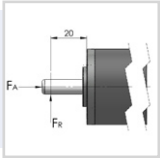
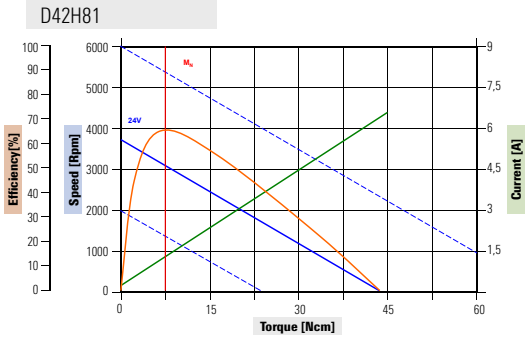
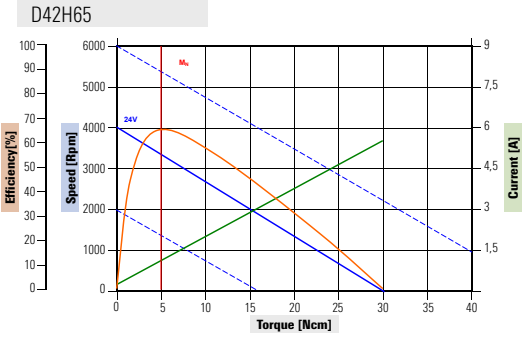
1. DC Motor with permanent magnet
2. 8 blades commutator
3. Graphit-copper brushes
4. Zinc plated motor housing
5. Ball bearing on drive shaft side
6. Operation in both directions
7. Service life 3.000 hrs at nominal data
8. Insulation class B
9. IP30 protection class (optionally higher)
10. EMC suppressor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

Model: D42

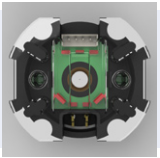
SPECIAL WINDINGS AVAILABLE ON DEMAND
SPECIAL OUTPUT SHAFT AVAILABLE ON DEMAND
OPTIONAL ENCODER



Nominal data	D42H65		D42H81		
	12V	24V	12V	24V	
Winding	33-040	66-028	26-045	51-0315	
NO LOAD SPEED	Rpm	4100	4015	3700	
NO LOAD CURRENT	A	0,45	0,55	0,32	
NOMINAL SPEED	Rpm	3500	3410	3150	
NOMINAL TORQUE	Ncm	5	7	7,5	
NOMINAL CURRENT	A	2,5	1,2	1,5	
NOMINAL OUTPUT POWER	W	19	26	27	
EFFICIENCY	%	66	68	65	67
STARTING TORQUE	Ncm	30	29	41	44
STARTING CURRENT	A	11	5,5	12	6,5
ROTOR MOMENT INERTIA	gcm ²	75	75	120	120
WEIGHT	Kg	0,4	0,4	0,6	0,6
LENGTH L	mm	74	74	90	90



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)