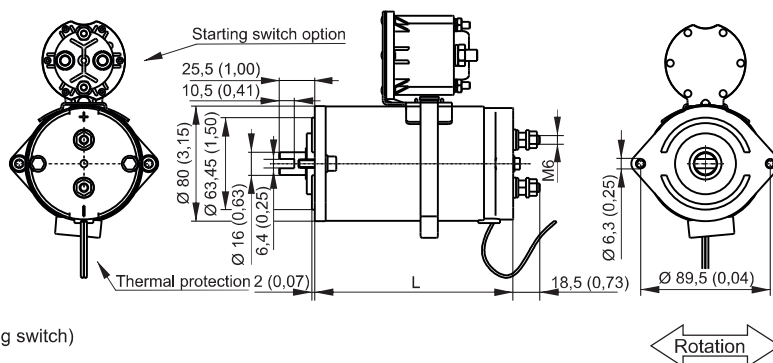


INTEGRAL DC MOTORS Ø80

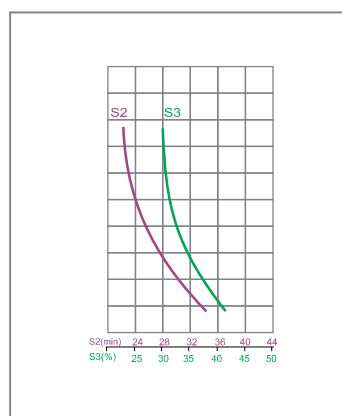
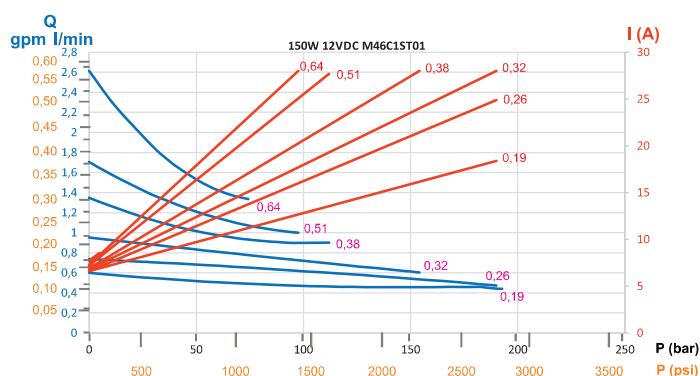


Permanent magnets
Protection degree: IP65
Insulation class: F
Weight 300W/500W/800W: 2,6 kg (without starting switch)
Weight 150W: 1,85 kg (without starting switch)
UL motors available on request



Code

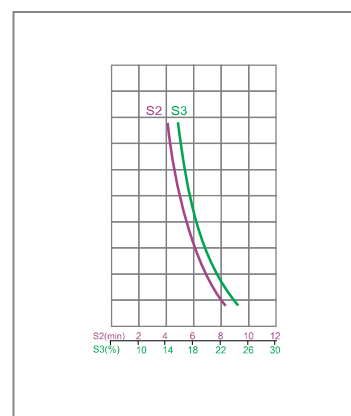
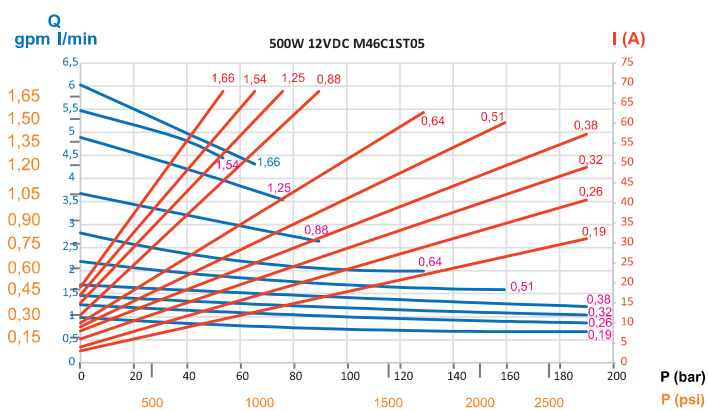
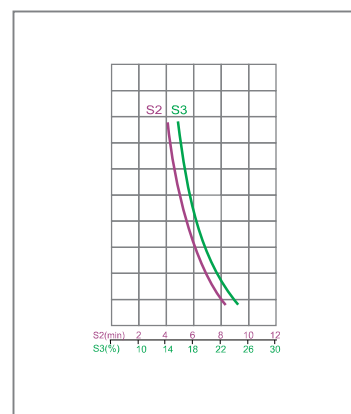
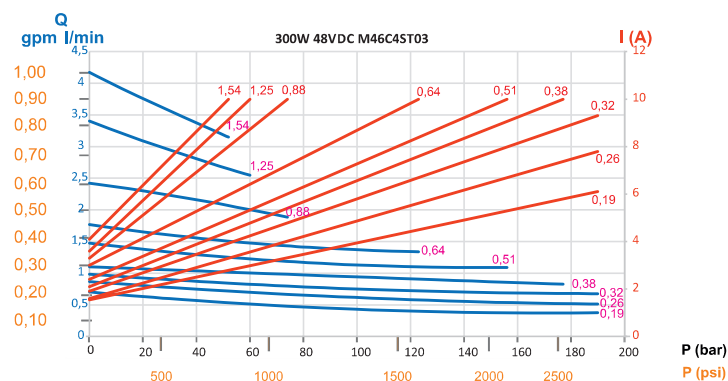
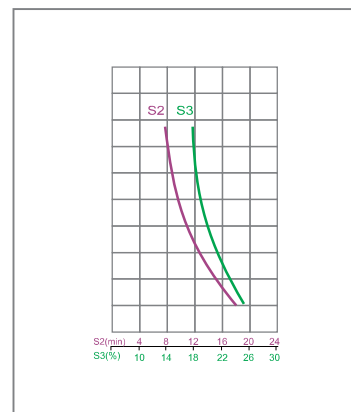
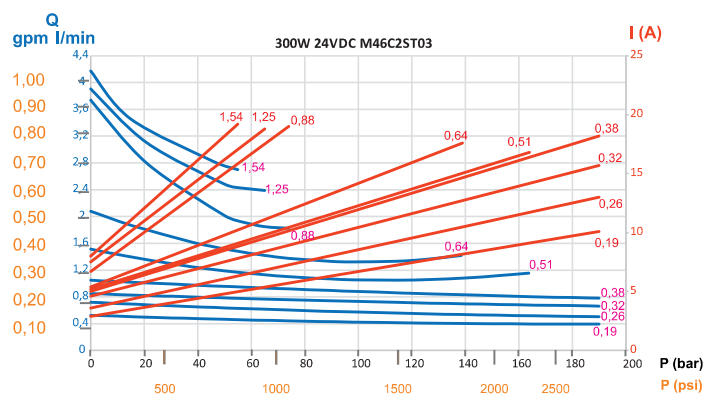
Description	Assembly code	Spare part code	Nominal duty cycle	Nominal speed	Nominal current	L
150W 12V DC + thermal protection	0,15 12DC_T	M46C1ST01	S2: 20 min S3: 30% ED	1200 rpm	28 A	108 mm
150W 24V DC + thermal protection	0,15 24DC_T	M46C2ST01	S2: 20 min S3: 30% ED	1650 rpm	12 A	108 mm
150W 48V DC + thermal protection	0,15 48DC_T	M46C4ST01	S2: 6 min S3: 20% ED	1650 rpm	12 A	108 mm
300W 12V DC + thermal protection	0,3 12DC_T	M46C1ST03	S2: 9 min S3: 18% ED	1800 rpm	10 A	137 mm
300W 24V DC + thermal protection	0,3 24DC_T	M46C2ST03	S2: 9 min S3: 18% ED	1800 rpm	20 A	137 mm
300W 48V DC + thermal protection	0,3 48DC_T	M46C4ST03	S2: 6 min S3: 10% ED	1800 rpm	23 A	137 mm
500W 12V DC + thermal protection	0,5 12DC_T	M46C1ST05	S2: 5 min S3: 15% ED	2400 rpm	68 A	137 mm
500W 24V DC + thermal protection	0,5 24DC_T	M46C2ST05	S2: 5 min S3: 15% ED	2500 rpm	31 A	137 mm
500W 48V DC + thermal protection	0,5 48DC_T	M46C4ST05	S2: 6 min S3: 10% ED	2500 rpm	18 A	137 mm
800W 12V DC + thermal protection	0,8 12DC_T	M46C1ST08	S2: 3 min S3: 10% ED	2800 rpm	119 A	137 mm
800W 24V DC + thermal protection	0,8 24DC_T	M46C2ST08	S2: 3 min S3: 10% ED	3100 rpm	52 A	137 mm



Tests made with rectified current supplied at nominal motor voltage (measured at the motor connection terminals) and oil ISO VG46 at 40°C

25-01

DC MOTORS Ø80 DIAGRAMS



Tests made with rectified current supplied at nominal motor voltage (measured at the motor connection terminals) and oil ISO VG46 at 40°C