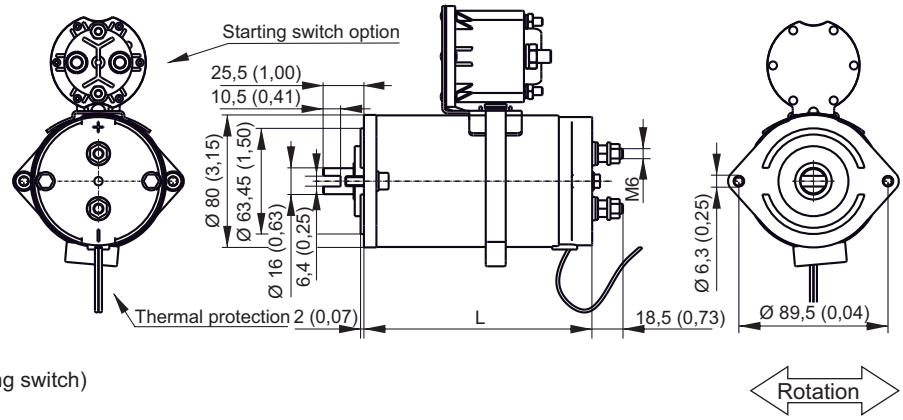
INTEGRAL DC MOTORS Ø80

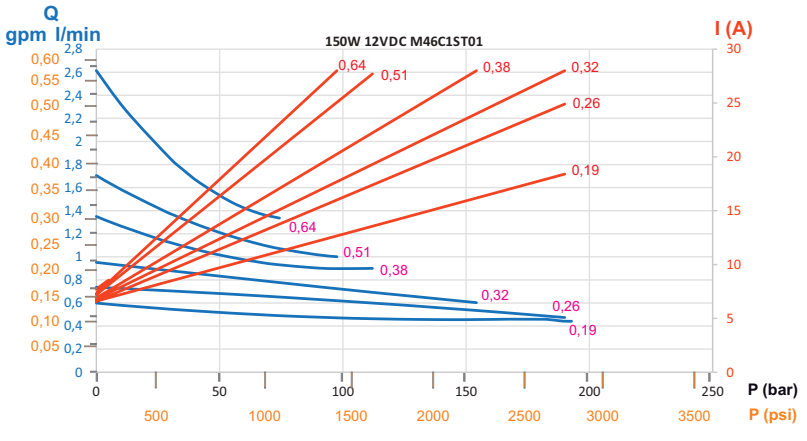


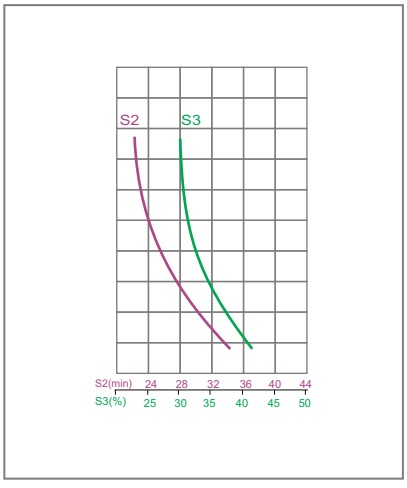


Permanent magnets
Protection degree: IP65
Insulation class: F
Weight 300W/500W/800W: 2,6 kg (without starting switch)
Weight 150W: 1,85 kg (without starting switch)
UL motors available on request

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

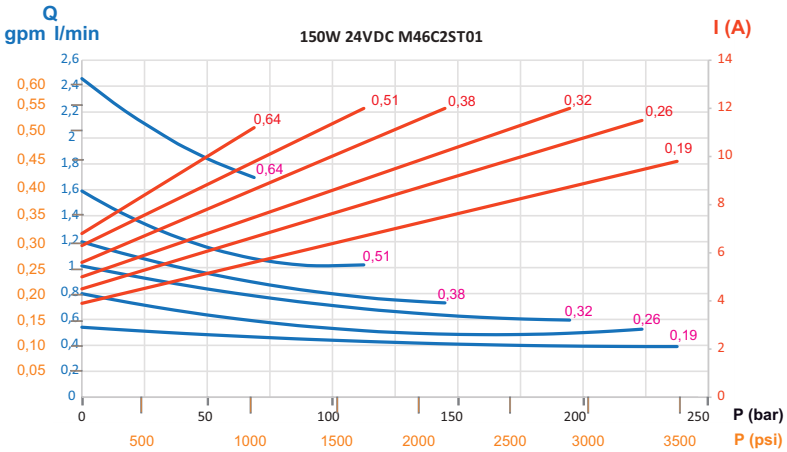


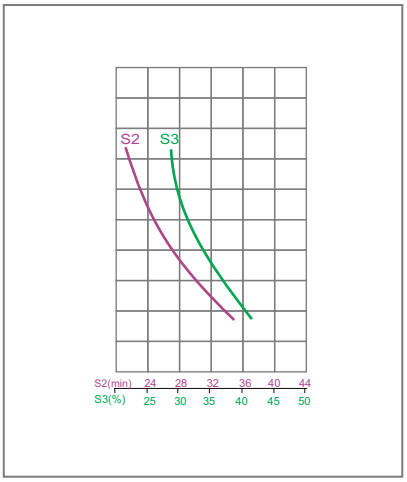


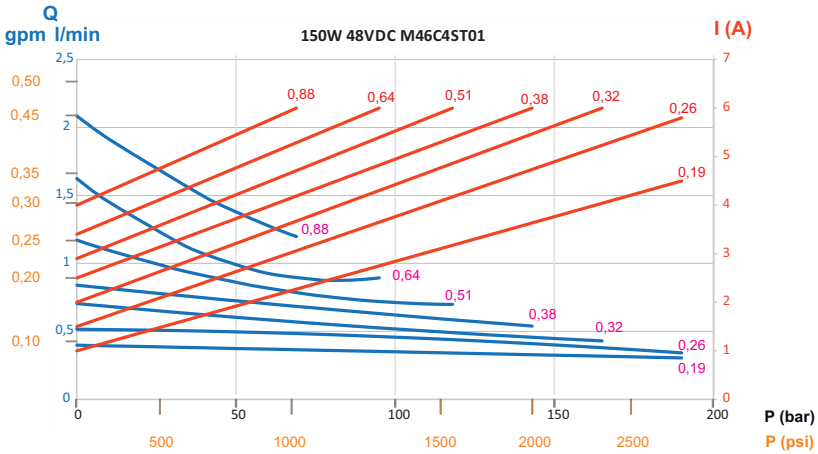
Tests made with rectified current supplied at nominal motor voltage (measured at the motor connection terminals) and oil ISO VG46 at 40°C

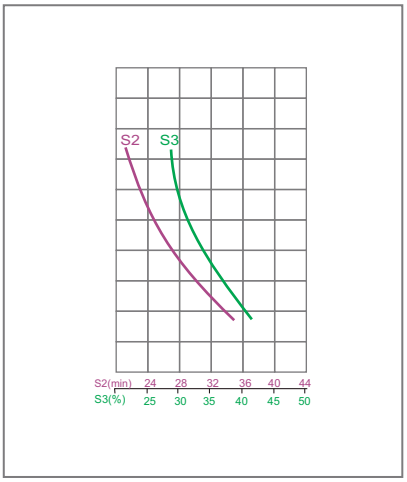
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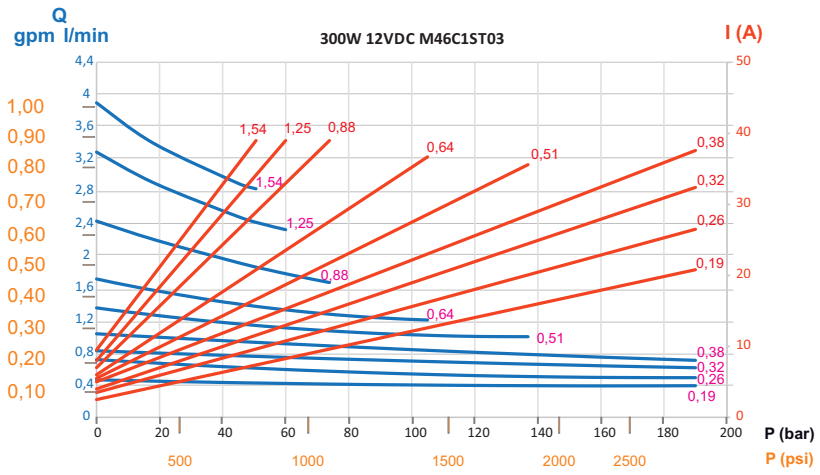
DC MOTORS Ø80 DIAGRAMS

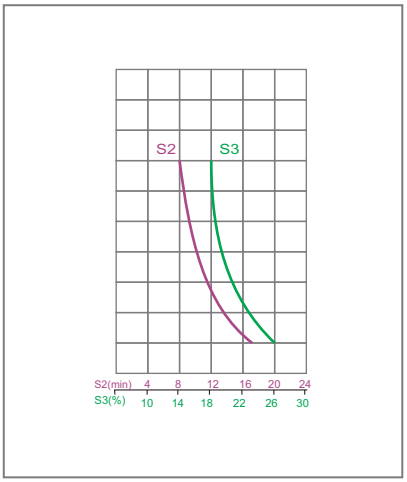








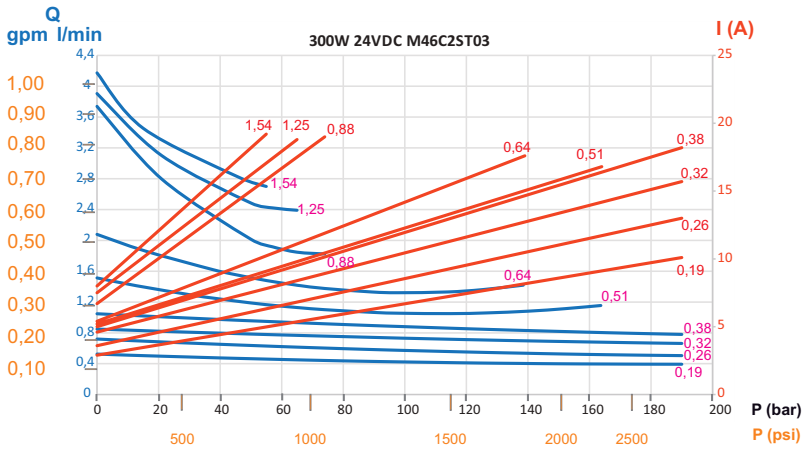


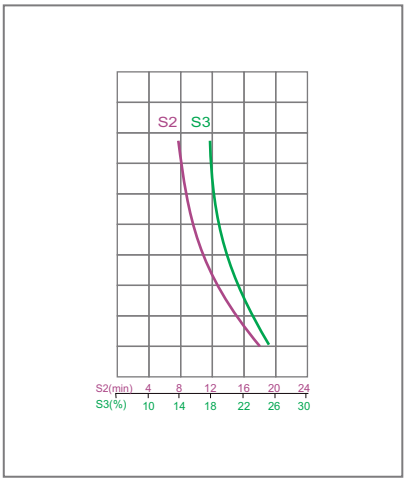


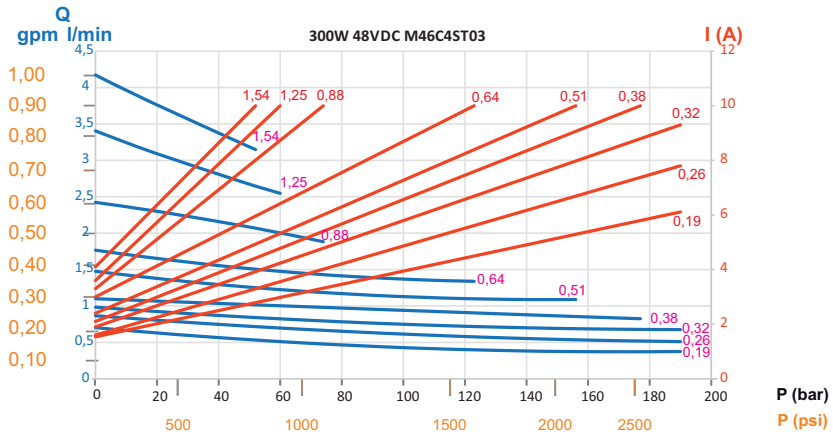
Tests made with rectified current supplied at nominal motor voltage (measured at the motor connection terminals) and oil ISO VG46 at 40°C

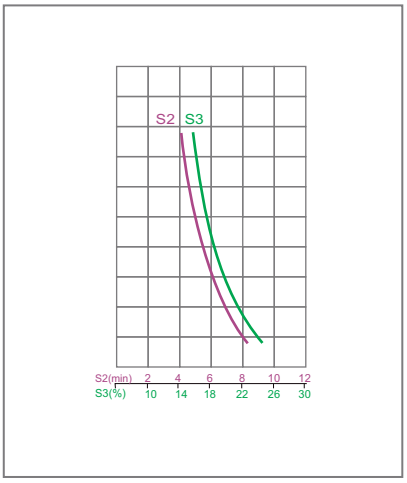
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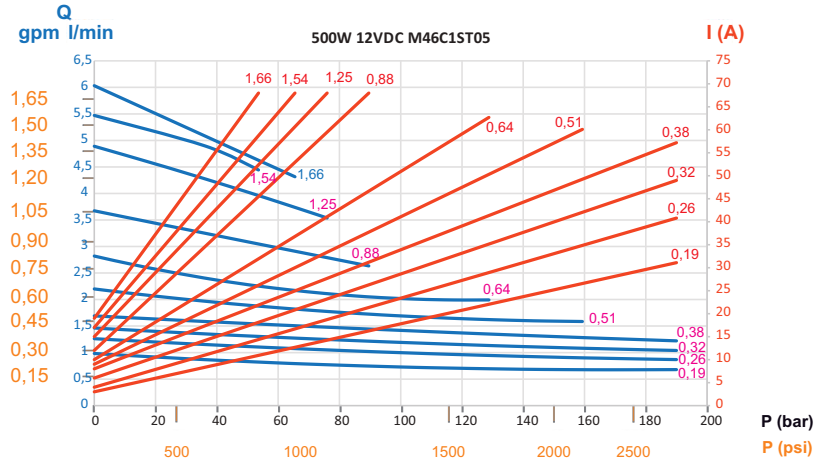
DC MOTORS Ø80 DIAGRAMS

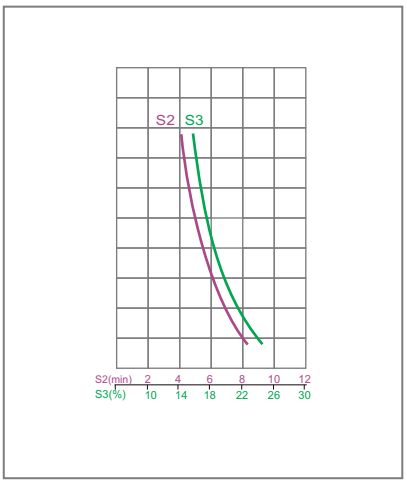






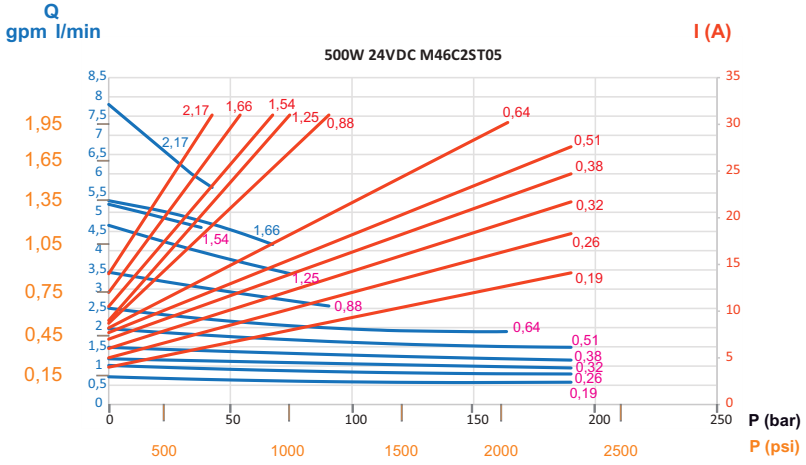


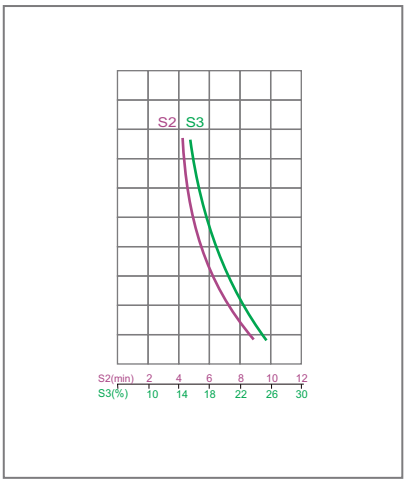


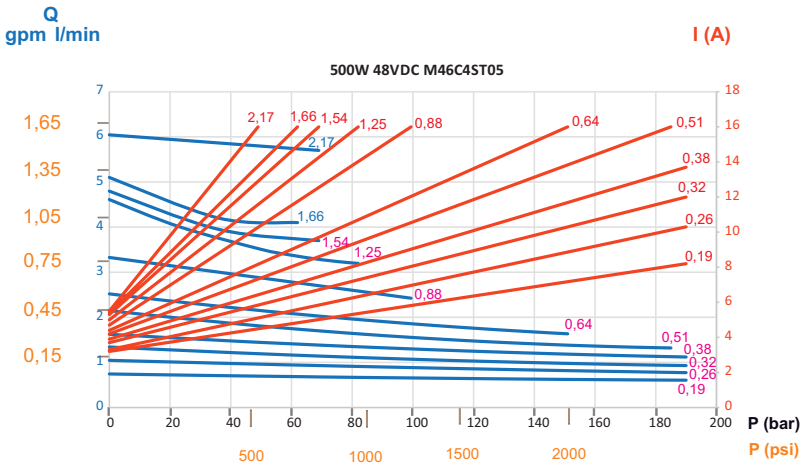


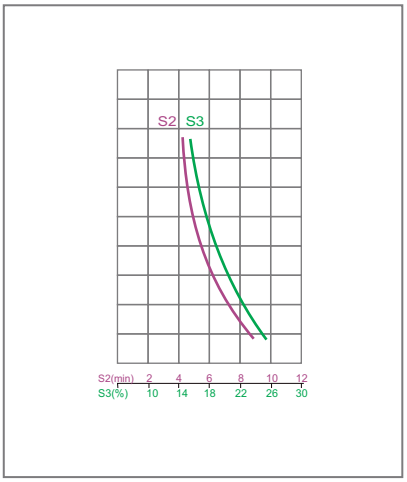
Tests made with rectified current supplied at nominal motor voltage (measured at the motor connection terminals) and oil ISO VG46 at 40°C

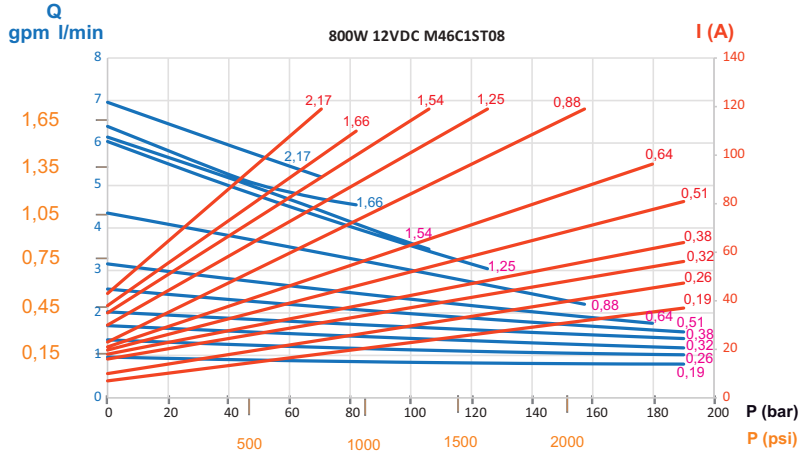
DC MOTORS Ø80 DIAGRAMS WITH PUMP GR.1

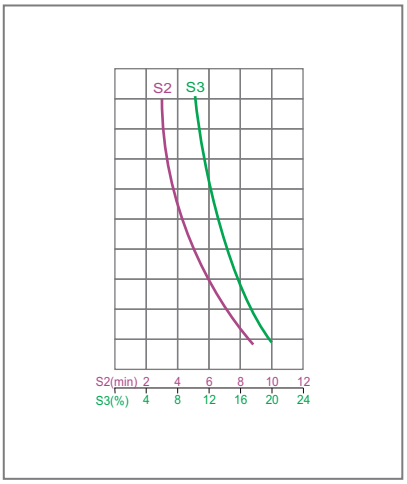






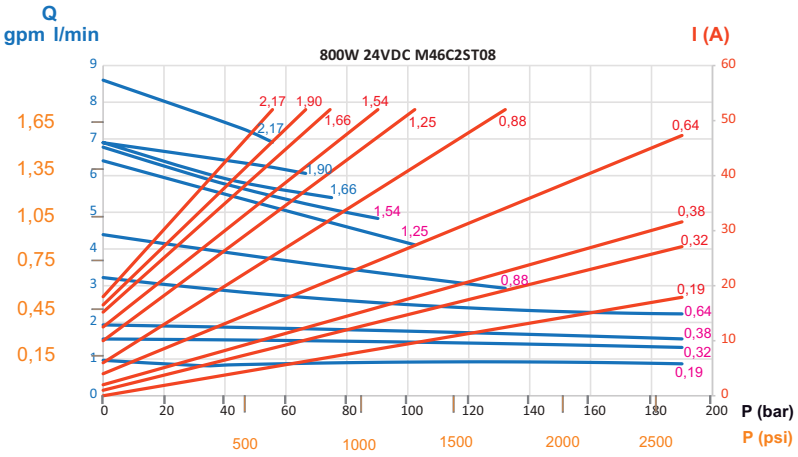


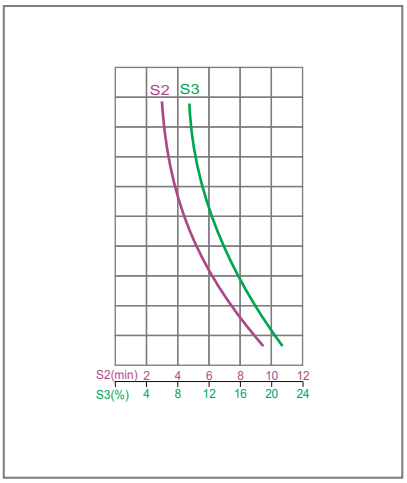




Tests made with rectified current supplied at nominal motor voltage (measured at the motor connection terminals) and oil ISO VG46 at 40°C

DC MOTORS Ø80 DIAGRAMS

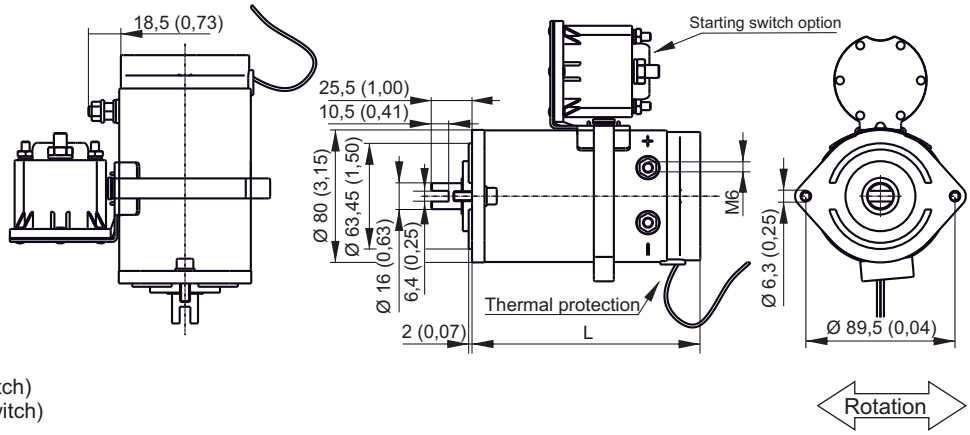




Tests made with rectified current supplied at nominal motor voltage (measured at the motor connection terminals) and oil ISO VG46 at 40°C

INTEGRAL DC MOTORS Ø80

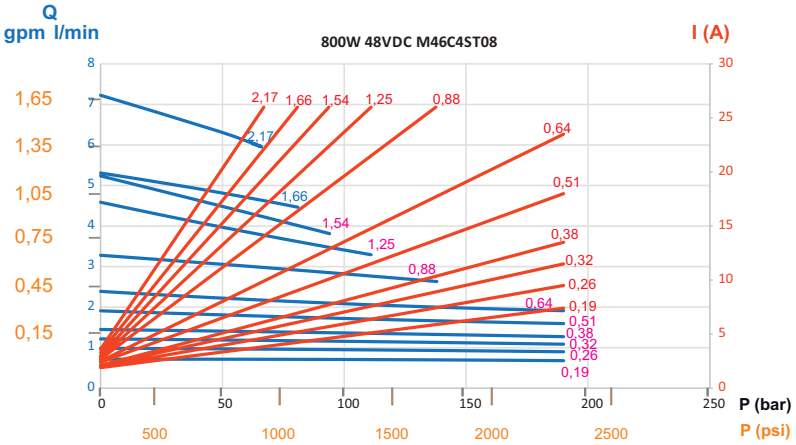


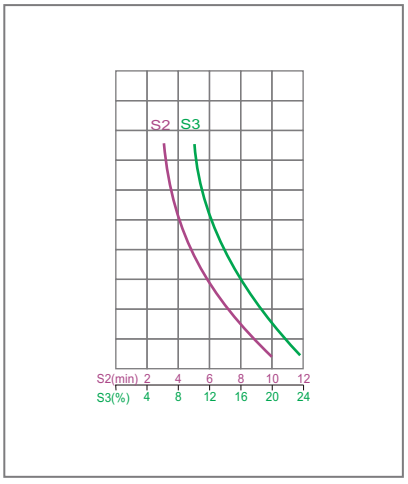


Permanent magnets
Protection degree: IP54
Insulation class: F
Weight 800W: 2,6 kg (without starting switch)
Weight 1200W: 3,7 kg (without starting switch)
UL motors available on request

Code

Description	Assembly code	Spare part code	Nominal duty cycle	Nominal speed	Nominal current	L
800W 48V DC + thermal protection	**0,8 48DC_T**	**M46C4ST08**	S2: 3 min S3: 10% ED	2900 rpm	26 A	187 mm
1200W 12V DC + thermal protection	**1,2 12DC_T**	**M46C1ST12**	S2: 1,5 min S3: 7% ED	3200 rpm	140 A	186 mm
1200W 24V DC + thermal protection	**1,2 24DC_T**	**M46C2ST12**	S2: 1,5 min S3: 7% ED	3200 rpm	70 A	186 mm





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

DC MOTORS Ø80 DIAGRAMS

