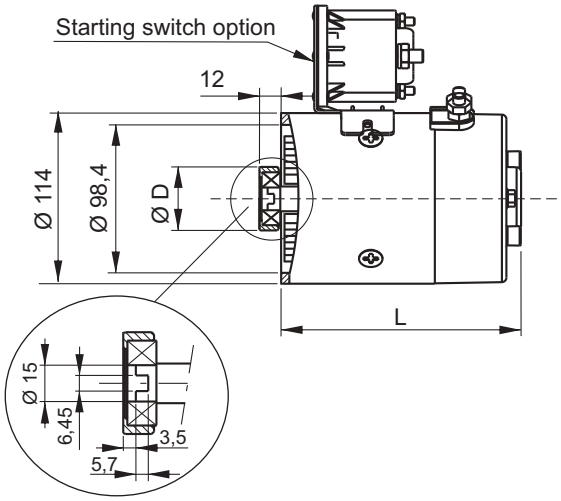
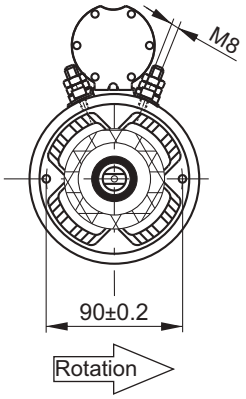
INTEGRAL DC MOTORS Ø114



Compound wound
Protection degree: IP54
Insulation class: F
Weight: 8,15 kg (without starting switch)
UL motors available on request





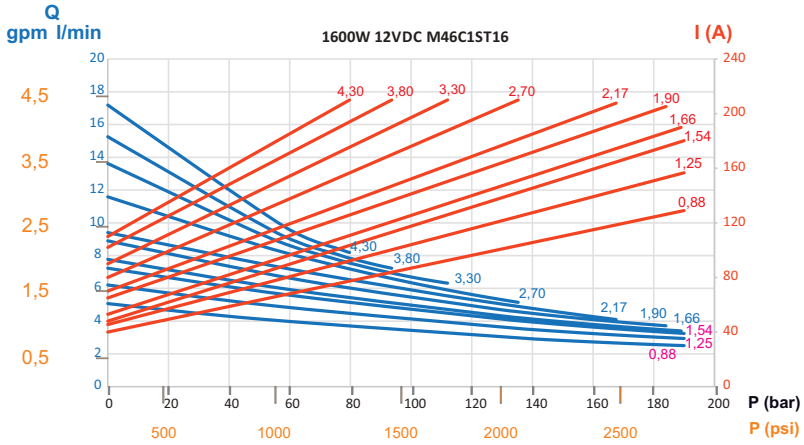
Code for PPC/SPU/EPB

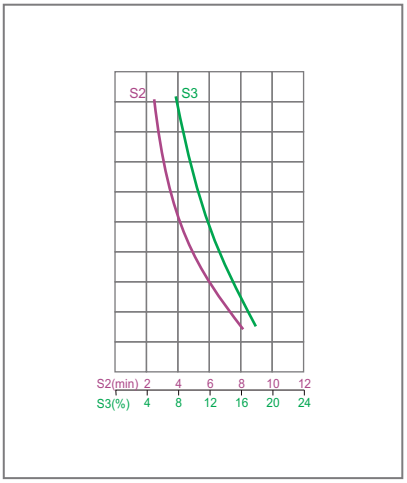
Description	Assembly code	Spare part code	Nominal duty cycle	Nominal speed	Nominal current	L	D
1600W 12V DC + thermal protection	**1,6 12DC_T**	**M46C1ST16**	S2: 3 min S3: 10% ED	2800 rpm	210 A	165 mm	42 mm
2100W 12V DC + thermal protection	**2,1 12DC_T**	**M46C1ST21**	S2: 2,5 min S3: 10% ED	2400 rpm	300 A	182 mm	42 mm
2200W 24V DC + thermal protection	**2,2 24DC_T**	**M46C2ST22**	S2: 2,5 min S3: 10% ED	2400 rpm	130 A	165 mm	42 mm
2200W 48V DC + thermal protection	**2,2 48DC_T**	**M46C4ST22**	S2: 3 min S3: 15% ED	3000 rpm	65 A	163 mm	42 mm
3000W 24V DC + thermal protection	**3 24DC_T**	**MCDCH00020**	S2: 5 min S3: 13% ED	3000 rpm	140 A	206 mm	42 mm
3000W 48V DC + thermal protection	**3 48DC_T**	**MCDCH00021**	S2: 6 min S3: 10% ED	3800 rpm	70 A	206 mm	42 mm

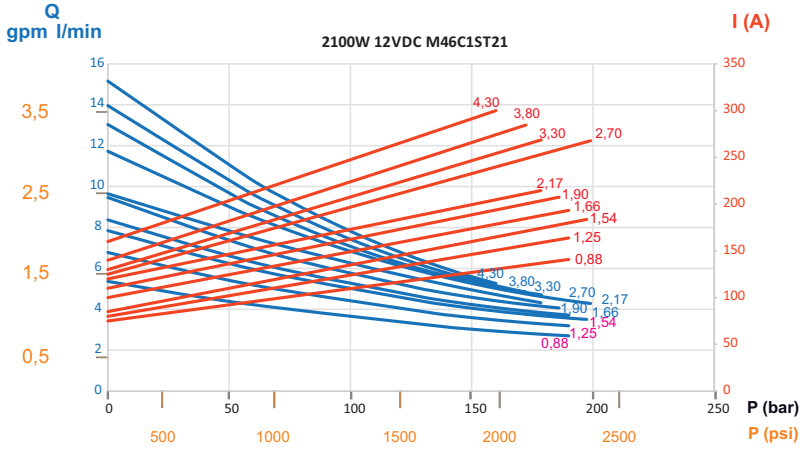
Code for PPM

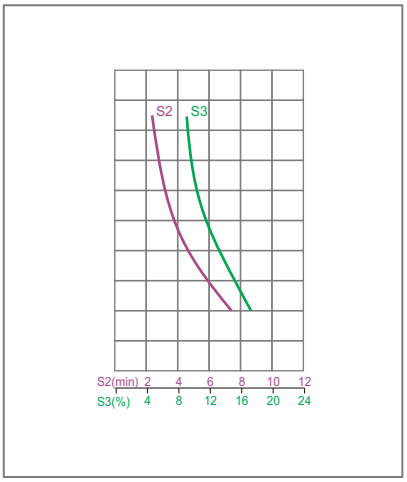
Description	Assembly code	Spare part code	Nominal duty cycle	Nominal speed	Nominal current	L	D
1600W 12V DC + thermal protection	**1,6 12DC_TM**	**M46C1ST16M**	S2: 3 min S3: 10% ED	2800 rpm	210 A	165 mm	28 mm
2100W 12V DC + thermal protection	**2,1 12DC_TM**	**M46C1ST21M**	S2: 2,5 min S3: 10% ED	2400 rpm	300 A	182 mm	28 mm
2200W 24V DC + thermal protection	**2,2 24DC_TM**	**M46C2ST22M**	S2: 2,5 min S3: 10% ED	2400 rpm	130 A	165 mm	28 mm
2200W 48V DC + thermal protection	**2,2 48DC_TM**	**M46C4ST22M**	S2: 3 min S3: 15% ED	3000 rpm	65 A	163 mm	28 mm

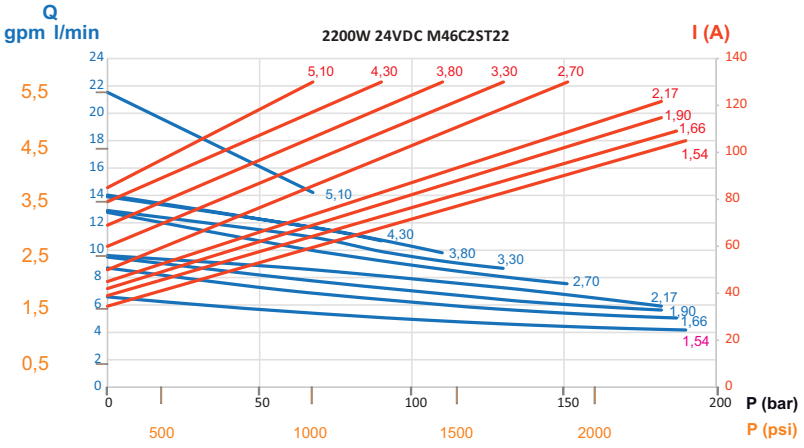
DC MOTORS Ø114 DIAGRAMS

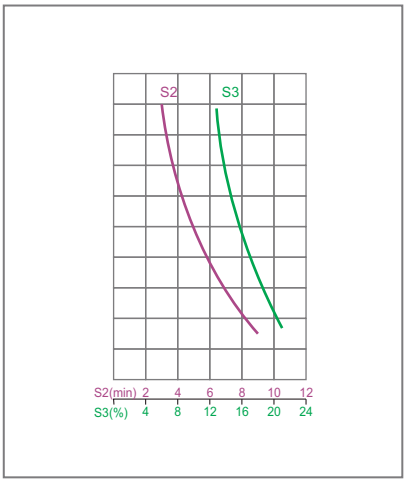






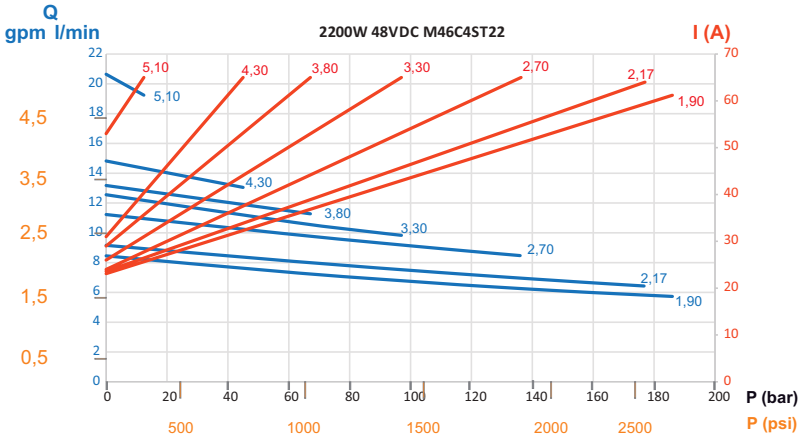


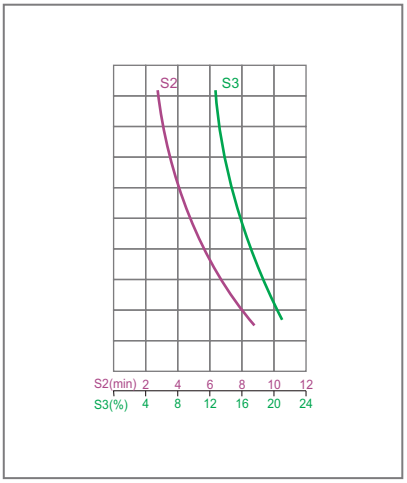




Tests made with rectified current supplied at nominal motor voltage (measured at the motor connection terminals) and oil ISO VG46 at 40°C

DC MOTORS Ø114 DIAGRAMS





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