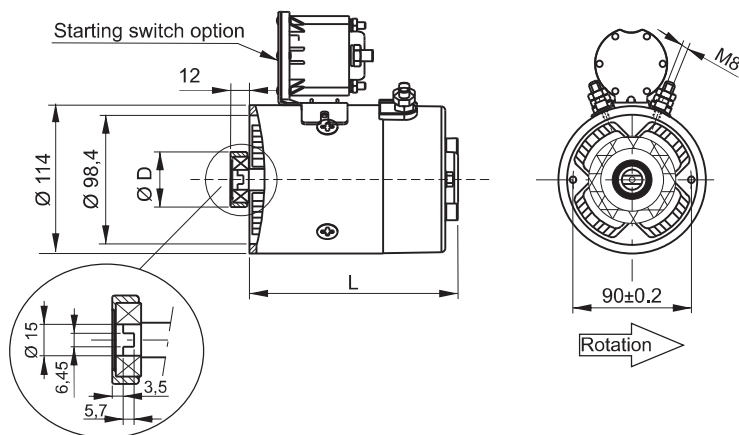


INTEGRAL DC MOTORS Ø114


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

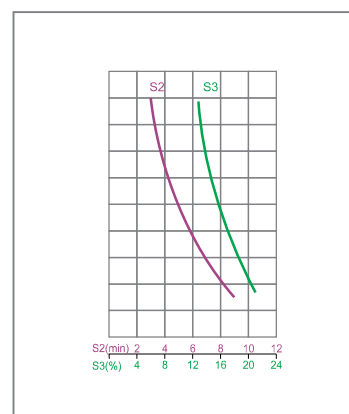
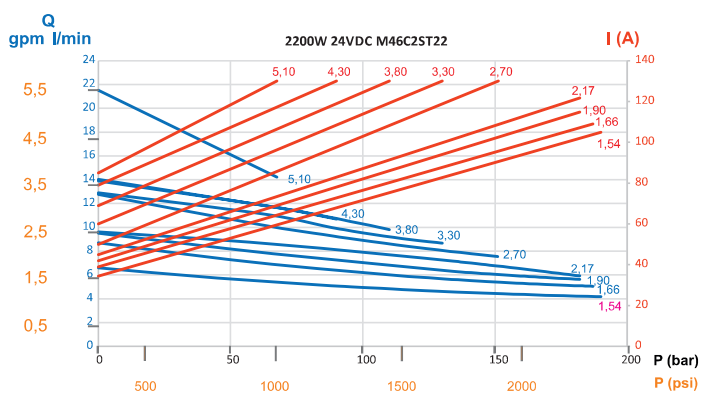
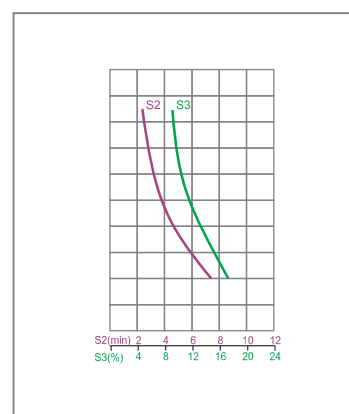
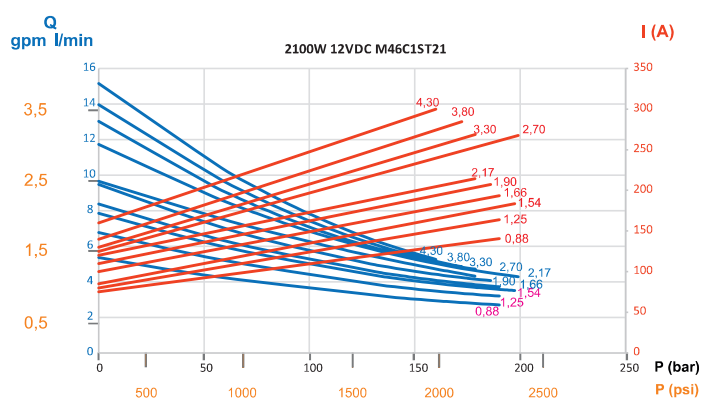
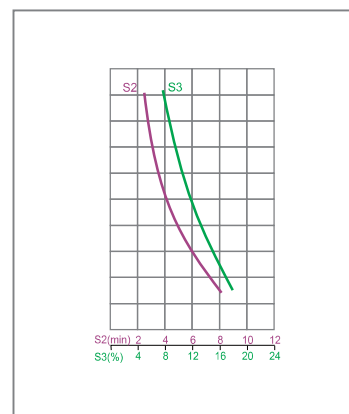
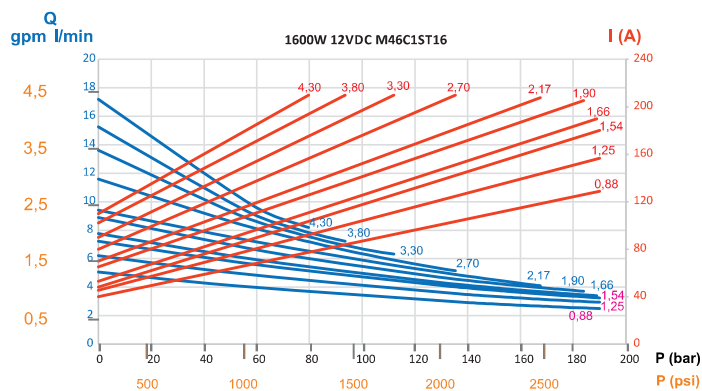

Code for PPC/SPU/EPB

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: 2,5 min S3: 13% ED	3000 rpm	140 A	206 mm	42 mm
3000W 48V DC + thermal protection	3 48DC_T	MCDCH00021	S2: 3 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
3000W 24V DC + thermal protection	3 24DC_TM	MCDCH00024	S2: 2,5 min S3: 13% ED	3000 rpm	140 A	206 mm	28 mm
3000W 48V DC + thermal protection	3 48DC_TM	MCDCH00025	S2: 3 min S3: 10% ED	3800 rpm	70 A	206 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