

5.7. Available Options

Type code fields		Example:	MAC 090 A-0-ES-4 - C/110-A-0/WI 520LV/S000							
1.	Motor for analogue drives	MAC								
2.	Motor size	090								
3.	Motor length	A, B, C								
4.	Type of cooling:									
		natural convection	surface cooling							
		axial		blower right				blower below		blower left
		AC	AC	AC	AC	AC	AC	AC	AC	
		230 V	115 V	230 V	115 V	230 V	115 V	230 V	115 V	
0		1 ¹⁾	2 ¹⁾	6	A	7	B	8	C	
5.	Type of windings									
		Standard applications				with increased smooth run quality				
		motor length				motor length				
		A	B	B	C	A	B	B	C	
2000 min ⁻¹		ZD	PD	--	KD	ZG	PG	--	KG	
3000 min ⁻¹		RD	ND	JD	GD	RG	NG	JG	GG	
5000 min ⁻¹		--	--	--	ED	--	--	--	EG	
6.	Motor feedback									
		Motor type								
		with tachofeedback	2							
		with tachofeedback and second shaft end	3							
		with tachofeedback and mounted incremental or absolute encoder	4							
		Tacho voltage								
		set to nominal motor speed	-							
		(nominal rpm > 3000 min ⁻¹ : 1,5 V/1000 min ⁻¹)								
		(nominal rpm ≤ 3000 min ⁻¹ : 3 V/1000 min ⁻¹)								
		1,5 V/1000 min ⁻¹	H							
		6 V/1000 min ⁻¹	L							
		Tacho type								
		Standard	C							
		increased smooth run quality	F							
7.	Centering diameter									
		for design B05 and B14	110							
		for design B05 and B14	130 ²⁾							
8.	Power connection									
		connector to side A	A							
		connector to side B	B							
		connector to right (looking onto output shaft)	R							
		connector to left (looking onto output shaft)	L							
9.	Blocking brake									
		without blocking brake	0							
		with standard blocking brake (6,5 Nm)	1							
		with heavy-duty blocking brake (14 Nm)	2							
Mounted encoder	10. Type ³⁾									
			Incremental encoder with standard mounting	WI						
			Incremental encoder with shock-damped mounting	DI						
		11. Encoder code ³⁾								
		For available types, see section 2.4 "Motor feedback"								
12.	Special types									
		Fixed and documented by INDRAMAT with special number (see Drawing no.: 106-0105-4301-XX) Does not apply to standard motors.								

1) For type 3 motors (with 2nd shaft end and tachofeedback).
Not available with axial surface cooling.

2) additional S0 no. required (see Fig. 5.20)

3) type code fields 10 and 11 do not apply to motor types 2 and 3