

## 6.7. Available Options

Type code fields		Example:	MAC 093 A-0-LS-4 - C/110-A-0/WI 520LV/S000							
1.	Motor for analogue drives	MAC								
2.	Motor size	093								
3.	Motor length	A, B, C								
4.	Type of cooling:									
	natural convection	surface cooling								
		axial				radial				
				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 <sup>1)</sup>	2 <sup>1)</sup>	6	A	7	B	8	C	
5.	Type of windings									
	Nominal rpm	Motor length								
		A	B	C						
	2000 min <sup>-1</sup>	WS	OS	KS						
	3000 min <sup>-1</sup>	PS	JS	FS						
	4000 min <sup>-1</sup>	LS	GS	DS						
	6000 min <sup>-1</sup>	HS	ES	CS						
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 <sup>-1</sup> )	: 1,5 V/1000 min <sup>-1</sup>								
	(nominal rpm ≤ 3000 min <sup>-1</sup> )	: 3 V/1000 min <sup>-1</sup>								
	1,5 V/1000 min <sup>-1</sup>								H	
	Tacho type									
	Standard								C	
	increased smooth run quality								F	
7.	Centering diameter									
	for design B05 and B14								110	
	for design B05 and B14								130	
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	
	with extra heavy-duty blocking brake (22 Nm)								3	
Mounted encoder	10. Type <sup>2)</sup>									
	Incremental encoder with standard mounting								WI	
	Incremental encoder with shock-damped mounting								DI	
	Absolute encoder								AM	
	11. Encoder code <sup>2)</sup>									
	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) Type code fields 10 and 11 do not apply to motor types 2 and 3.