

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 230 V	
		AC 115 V	
		AC 230 V	
		AC 115 V	
		AC 230 V	
		AC 115 V	
0		1 ¹⁾ 2 ¹⁾ 6 A 7 B 8 C	
5. Type of windings			
Nominal rpm		Motor length	
		A B C	
2000 min ⁻¹		WS OS KS	
3000 min ⁻¹		PS JS FS	
4000 min ⁻¹		LS GS DS	
6000 min ⁻¹		HS ES CS	
6. Motor feedback			
Motor type		2	
with tachofeedback		3	
with tachofeedback and second shaft end		4	
with tachofeedback and mounted incremental or absolute encoder			
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	
Tacho type		C	
Standard		F	
increased smooth run quality			
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	
10. Type ²⁾			
Incremental encoder with standard mounting		WI	
Incremental encoder with shock-damped mounting		DI	
Absolute encoder		AM	
11. Encoder code ²⁾			
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.

TLMAC093

Fig 6.22: Type codes - MAC 093