FOLLOW THIS SEQUENCE

- ► Switch off the main CNC power supply
- ► Replace the damaged drive with a new DMS08-BF

↓

Connect all the plug and secure the ground wire

↓

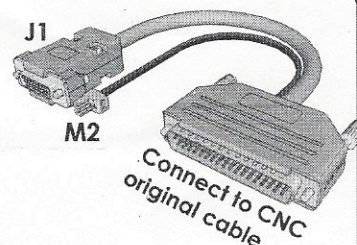(A) Drive configuration

(B) Turret setup

(C) Resolver's aquisition

↓

Call different stations and check the proper functioning of the system

< IMPORTANT >

► Pay attention to respect the power in (L1-L2-L3) and out(U-V-W) terminal. In the drive model SA.01A.TB the input was named R-S-T, after that model has been renamed in L1-L2-L3.

► In case of replacing a drive with Sn°<4273 it's necessary make an adapter for I/O connector. On request Baruffaldi supply this adapter (code 999.192.08199), contact service dept. for check details and price.
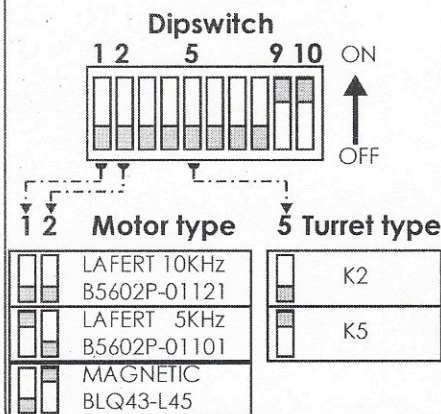
J1 / M2 — Connect to CNC original cable

< KNOWN ISSUES >

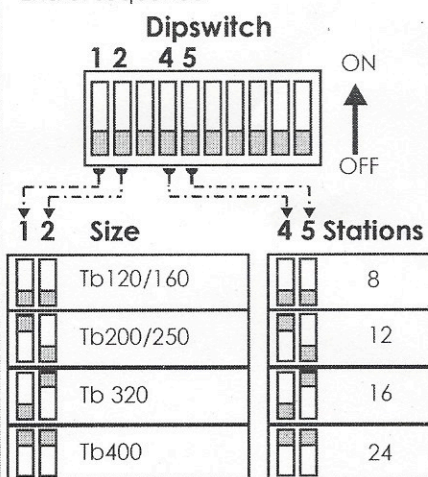|		
► Search zero is ok but error become when calling stations far	K2/K5 wrong set up	Repeat drive setup(A)
► No rotation or 8.0 alarm	Wrong set up of motor	
► Previous/next position called (mod.4) not working	Parity bit is not correct handled	Modify the plc program
► Missing position called	Start lenght too short (<100ms)	

(A) Drive configuration

- ► Set to On dip n°9
- ► Select motor type (dip n°1-2)
- ► Select turret type (dip n°5)
- ► Switch On the drive (24Vdc)
- ► The display shows "AF"
- ► Set to On the dip n°10 (0->5")
- ► Return to Off dip n°10 (5->0")
- ► Switch Off the drive
- ► **Set to Off all the dipswitch pin**
- End of sequence

Dipswitch
1 2   5   9 10   ON / OFF

1 2 **Motor type**

LAFERT 10KHz B5602P-01121	
LAFERT 5KHz B5602P-01101	
MAGNETIC BLQ43-L45	

5 **Turret type**

K2	
K5	

(B) Turret setup

- ► Set the dipswitch according to the turret to use
- ► Size (dip n°1-2)
- ► N° of stations (dip n°4-5)
- ► Switch on the drive
- End of sequence

Dipswitch
1 2   4 5   ON / OFF

1 2 **Size**

Tb120/160	
Tb200/250	
Tb 320	
Tb400	

4 5 **Stations**

8	
12	
16	
24	

(C) Acquire the resolver position

- ► The turret must be closed in the station n°1
- ► Set to On the dip n°10 (counter 0> 5 ")
- ► Return to Off dip n°10 (counter 5> 0 ")
- ► The display shows "01"
- End of sequence

For order or set up the new drive it's necessary to know:

► **Serial number of the drive to replace**
The code is printed on two labels, one is in the front of the drive and other is on the right side.
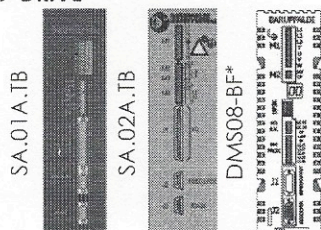
► **Turret type**
The code is printed on a metallic label on the turret and it's present on the turret report. The code is necessary to understand if the turret is K2 or K5 type.
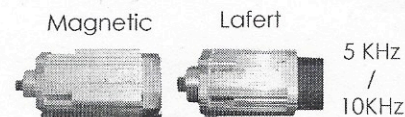
► **Motor type used on the turret**
The code is printed on the label attached to the motor. It's possible to know the motor type checking the drive's serial number (see on the side) so it's not necessary remove the rear cover of the turret.

► **DRIVE**

SA.01A.TB | SA.02A.TB | DMS08-BF*

► DMS08BF 999.192.08150

*First items has the color of the case purple

► **MOTOR**

Magnetic | Lafert

5 KHz / 10KHz

Motor code
- ► Lafert 10KHz   B5602P-01121
- ► Lafert 5KHz   B5602P-01101
- ► Magnetic   BLQ43-L45

► **TIMELINE OF DRIVE, MOTORS AND TURRET TYPE**

Model	SA.01A.TB			SA.02A.TB		DMS08-BF	
Year	2000	2004	2005		2006	2007	2009
Series N°	0÷1837	1838÷2330	2331÷3122	3123÷4272		4273÷6459	6460 ►
Motor type	Magnetic	Lafert 5KHz				Lafert 10KHz	
Turret type	K2					K2/K5	K2/K5*

*Compatible with all type of drive, motor and turret after drive configuration