



TECHNICAL SPECIFICATION		
	C-AXIS	A-AXIS
SERVOMOTOR TYPE	SIEMENS 1FK7060-2AH71-1RG0	SIEMENS 1FK7040-2AK71-1RG0
SERVOMOTOR POWER	1,7 kW	0,7 kW
SERVOMOTOR ENCODER	Absolute 20 Bit	Absolute 20 Bit
GEARBOX	Sumitomo Cyclo F4CF-C35-59	Sumitomo Cyclo F4CF-C25-89
TOTAL GEAR RATIO	1:118	1:267
CONTINUOS TORQUE	550 Nm	295 Nm
MAX TORQUE	1962 Nm	1030 Nm
MAX ROTATION AXIS	±320°	±120°
MAX POSITIONING SPEED	15.000 °/ ' (5000 rpm motor)	8.100 °/ ' (6000 rpm motor)
HOLDING BRAKE	YES	YES
BRAKING TORQUE	700 Nm (10 bar)	600 Nm (10 bar)
AXIS ENCODER	AMO ABS. EN.DAT	AMO ABS. EN.DAT
ACCURACY	30 arcsec	30 arcsec
REPEATIBILITY	10 arcsec	10 arcsec
FREE USE (EX.FLUID TO TOOL)	2	
WEIGHT	160 KG	
ELECTRO-SPINDLE	SEE DATASHEET ELETM QT	

PNEUMATIC/IDRAULIC CONNECTION				
N° PIPE	DESCRIZIONE / DESCRIPTION	D_EXT (mm)	PRESSURE (bar)	FLUID
1	COOLANT INLET-OUTLET	ø8	Max. 6	COOLANT
2	COOLANT INLET-OUTLET	ø8	Max. 6	COOLANT
3	TOOL RELEASE - LOCK PIN RELEASE	ø6	10 - 10,5	AIR
4	PRESSURIZATION - CONE CLEANING	ø6	4 - 4,5	AIR
5	USE 1	ø6	Max. 6	AIR/COOLANT
6	N.P. [NOT PRESENT]	-	-	-
7	USE 3	ø6	Max. 6	AIR/COOLANT
8	LOCKED B BRAKE	ø6	10 - 10,5	AIR
9	FREE (TOOL CLEANING)	ø6	Max. 6	AIR
10	LOCKED C BRAKE	ø6	10 - 10,5	AIR
11	USE 4	ø6	Max. 6	AIR/COOLANT
12	N.P. [NOT PRESENT]	-	-	-

Firma / Signature		Data / Date	
Controllato Checked by		Rev	Data / Date
Disegnato Designed by		Firma / Signature	N° Modifica / Change ID
		Denominazione / Item Name <b>TESTA BIROT. TILT V-QT</b>	
		Scala / Scale <b>1:5</b>	Codice / Item ID
Rev	Status	Tav. N. di N.	<b>1/1</b>

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