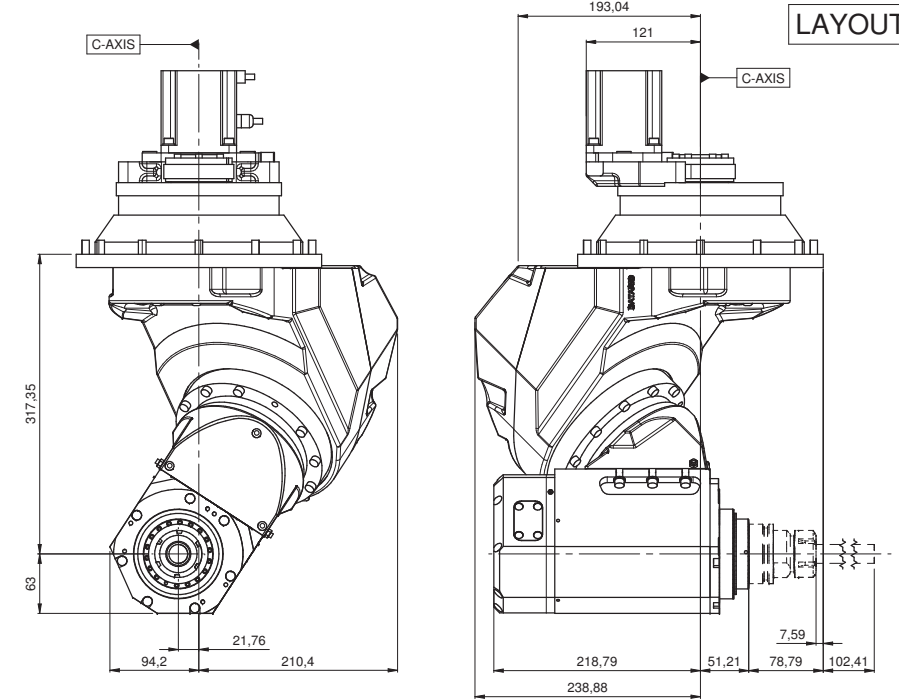
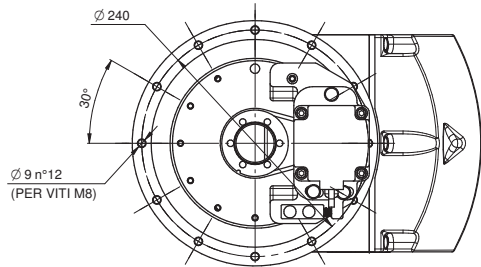


I VALORI DEGLI ANGOLI SONO RIFERITI ALLE POSIZIONI COME DA SCHEMA

ROTATION ANGLES ARE REFERRED TO THIS AXIS ORIENTATION

* = VALORE MINIMO PER GARANTIRE LE ROTAZIONI DEGLI ASSI INDICATE

MINIMUM LENGTH TO ENSURE INDICATED AXIS ROTATION



LAYOUT

ELECTRIC CONNECTIONS									
CLABLE REF.	SP	SS	PC	SC	PB	SB			
TAG	SPINDLE POWER	SPINDLE SIGNAL	POWER C	FEEDBACK C	POWER B	FEEDBACK B			
COLOUR	Orange	Black	Black	Black	Orange	Green			
D_ext(MM)	ø15	ø8			ø12.4	ø9.2			
CONNECTOR TYPE	M40 6 poles MALE	M23 17 poles MALE	ON SERVOMOTOR	ON SERVOMOTOR	M23 6 poles MALE	M23 17 poles MALE			
CONNECTOR LAYOUT			STD YASKAWA	STD YASKAWA					
PINOUT	U	1	+24 Vcc - S1+S2		1	U	1	0 V (BATTERY)	
	PHASE MOTOR	2	0 Vcc - S1+S2			PHASE MOTOR	2	3.6 V (BATTERY)	
	V	3	+24 Vcc - S3			V	3	DATA +	
	PHASE MOTOR	4	0 Vcc - S3			PHASE MOTOR	4	DATA -	
	W	5	OUT S1 - LOCK TOOL			W	5	-	
	PHASE MOTOR	6	OUT S2 - RELEASE TOOL			PHASE MOTOR	6	-	
	GND	7	OUT S3 - SHAFT STOPPED			GND	7	-	
		8	-				8	5 V (POWER SUPPLY)	
		9	-				9	0 V (POWER SUPPLY)	
		10	-				10	-	
		11	-				11	-	
		12	-				12	-	
	Case	SHIELD	13	-		Case	SHIELD	13	-
			14	-				14	-
			15	-				15	-
			16	THERMAL SWITCH				16	-
			17	THERMAL SWITCH				17	-
		Case	SHIELD			Case	SHIELD	17	
MACHINE SIDE	HITECO cod. 00L0498285E	HITECO cod. 0001352745L	HITECO cod. 0001352744G	HITECO cod. 0001352745L	HITECO cod. 0001352744G	HITECO cod. 0001352745L			

CABLE LENGTH ABOUT 1,2 MT. FROM C AXIA

SPECIFICHE TECNICHE / TECHNICAL SPECIFICATION		
	ASSE B	ASSE C
SERVOMOTORE / SERVOMOTOR	Yaskawa SIGMA 5 1,27 Nm 5000 rpm SGMEV-04D3A61	Yaskawa SIGMA 5 1,27 Nm 5000 rpm SGMEV-04D3A61
POTENZA SERVOMOTORE / SERVOMOTOR POWER	0,40kW	0,40kW
ENCODER SERVOMOTORE / SERVOMOTOR ENCODER	Absolute 20 Bit	Absolute 20 Bit
RIDUTTORE / GEARBOX	HARMONIC DRIVE HFUS 40-100-2UH	HARMONIC DRIVE HFUS 40-100-2UH
RAPPORTO DI TRASMISSIONE / GEAR RATIO	1.252,5	1.252,5
COPIA IN CONTINUO / CONTINUOUS TORQUE	320 Nm	320 Nm
COPIA MASSIMA / MAX. TORQUE	570 Nm	570 Nm
MAX ROTAZIONE ASSE / MAX ROTATION AXIS	+/- 185°	+/- 320°
FRENI MECCANICI / MECHANICAL BLOCKING AXIS	No	No
VELOCITÀ POSIZIONAMENTO MAX / MAX. POSITIONING SPEED	7.000 °/''	7.000 °/''
VELOCITÀ DI LAVORO MAX / MAX OPERATING SPEED	4.000 °/''	4.000 °/''
GIOCO DI INVERSIONE / BACKLASH		1 arcmin
PESO / WEIGHT		55 kg
ELETTROMANDRINO / ELECTROSPINDLE		QX-2 10/12 24 63F NC

CONNESSIONE PNEUMATICHE/IDRAULICHE PNEUMATIC/IDRAULIC CONNECTION					
TUBO PIPE	DESCRIZIONE / DESCRIPTION	D_int (mm)	PRESSIONE / PRESSURE	ADDUZIONE / FLUID	FUORI ASSE C OUT C AXIS
1	COOLANT INLET-OUTLET	ø8	max. 6 bar	LIQUIDO / COOLANT	1,5 mt
2	COOLANT INLET-OUTLET	ø8	max. 6 bar	LIQUIDO / COOLANT	1,5 mt
3	SBLOCCO UT. / TOOL RELEASE	ø6	10,5 - 11,5 bar	ARIA / AIR	1,5 mt
4	PRESSURIZATION - CONE CLEANING	ø6	4 - 4,5 bar	ARIA / AIR	1,5 mt
5	FREE USE (ex.TOOL CLEANING AIR)	ø6	max. 6 bar	ARIA / AIR	1,5 mt

Controlato / Checked by	Firma / Signature	Data / Date	01	25/03/2020	L.Cremoni	CN29109
Disegnato / Designed by	L.Cremoni	06/03/2015	Rev	mod.distinta per cablaggio LEMO		
				Data / Date	Firma / Signature	N° Modifica / Change ID
				Descrizione ultima modifica / Last change description		
Denominazione / Item Name						
TESTA BIROT. ORBITAL JQX 100 YASKAWA						
Scala / Scale			Codice / Item ID		Rev	Status
1:5			29L0287798C		01	Tav. N. di N. / 1/2