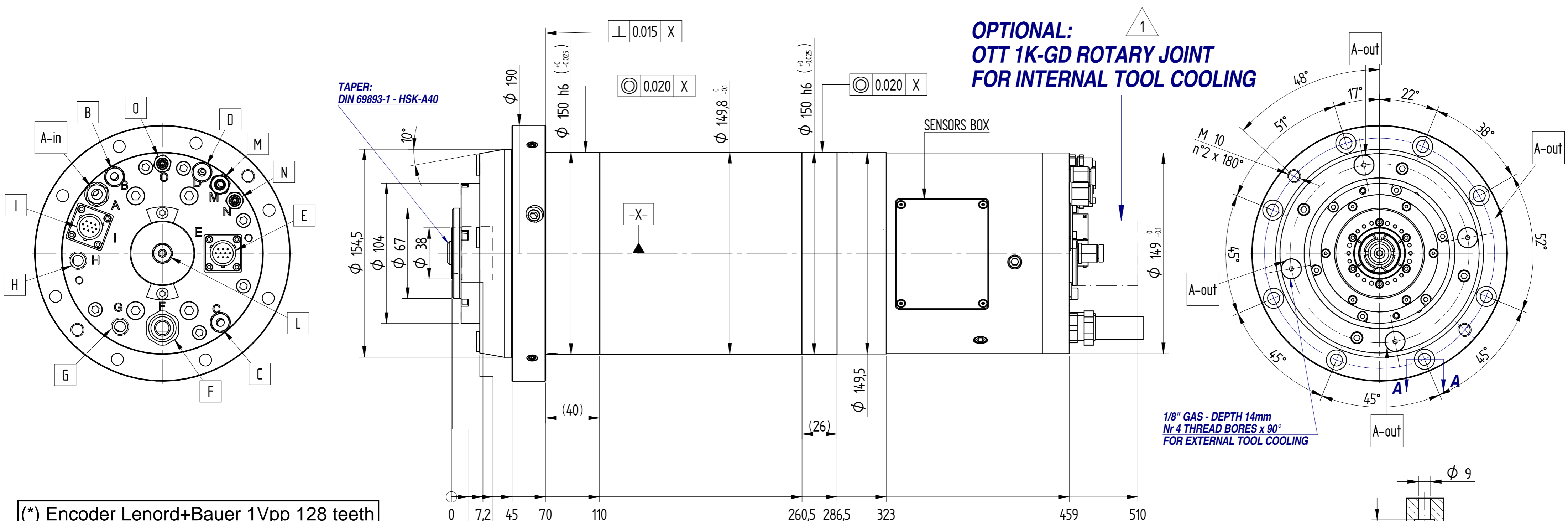
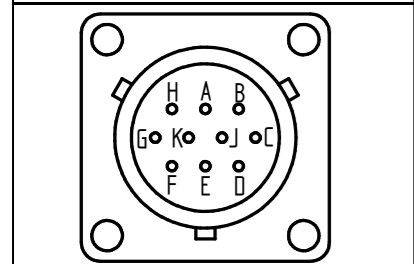


**OPTIONAL:
OTT 1K-GD ROTARY JOINT
FOR INTERNAL TOOL COOLING**



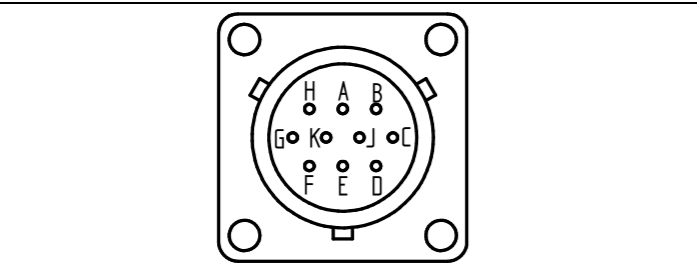
(*) Encoder Lenord+Bauer 1Vpp 128 teeth

ENCODER CONNECTOR



PIN	DESCRIPTION
A	A+
B	A-
C	B-
D	GND
E	Z+
F	5V
G	SCREEN
J	B+
K	Z-

SENSOR CONNECTOR + THERMIC ALARM



PIN	DESCRIPTION
A	OUTPUT S2 (TOOL UNLOCKED)
B	OUTPUT S1+S4 (TOOL LOCKED)
C	OUTPUT S5 (NO TOOL)
D	24V CC FEEDING SENSORS: S1, S2, S5
E	0V FEEDING SENSORS: S1, S2, S4, S5
F	THERMIC BEARINGS ALARM - T2
G	THERMIC MOTOR ALARM - BIMETALLIC N.C. 130°C
H	THERMIC BEARINGS ALARM - COMPENSATION
J	THERMIC BEARINGS ALARM - T1
K	THERMIC MOTOR ALARM - BIMETALLIC N.C. 130°C

AIR-OIL LUBRICATION DATA / FRONT BEARINGS

Oil type	MOBIL DTE OIL HEAVY MEDIUM VG68
Oil quantity (mm3/h)	140 ÷ 170
Pressure (bar)	1,5 ± 0,2

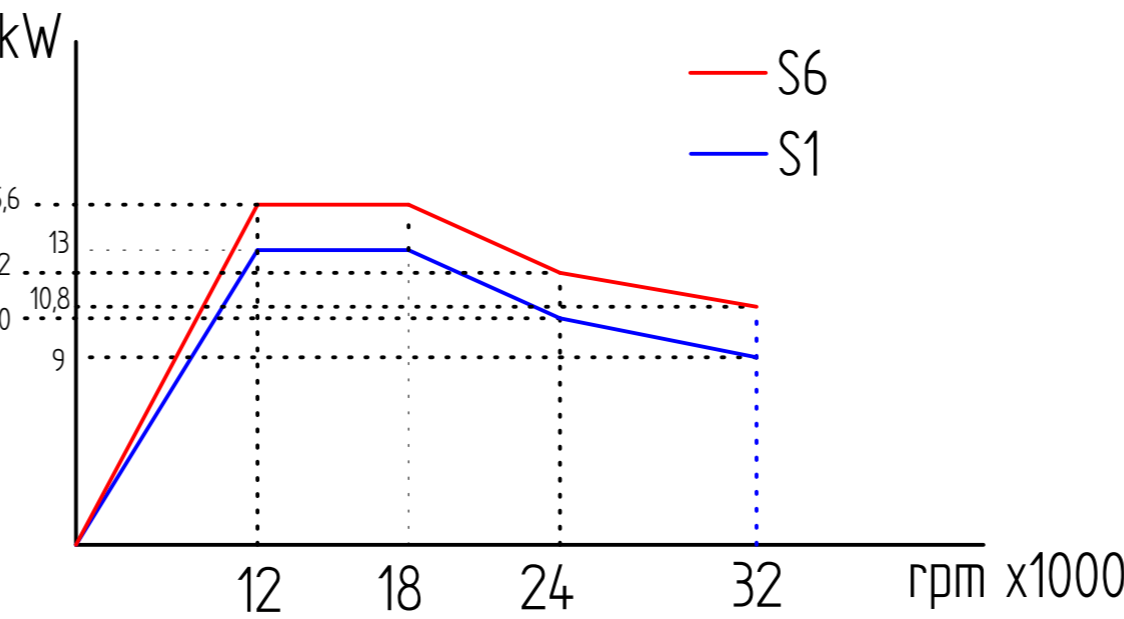
AIR-OIL LUBRICATION DATA / REAR BEARINGS

Tipo olio	MOBIL DTE OIL HEAVY MEDIUM VG68
Q.tà olio (mm3/h)	140 ÷ 170
Pressione (bar)	1,5 ± 0,2

POWER CABLE - LENGTH 1000mm

WHITE	PHASE U	AWG10
RED	PHASE V	AWG10
BLACK	PHASE W	AWG10
YELLOW/GREEN	GROUND	AWG10

	380	380	380	380
V	380	380	380	380
Hz	400	600	800	1066
kW	13 (15,6)	13 (15,6)	10 (12)	9 (10,8)
Nm	10,3 (12,3)	6,9 (8,3)	4 (4,8)	2,7 (3,2)
A	27,5 (33)	27,5 (33)	21,5 (25,8)	18 (21)
rpm	12000	18000	24000	32000
Poles: 4	Ins.Cl. F	cosφ = 0,77	η = 0,88	

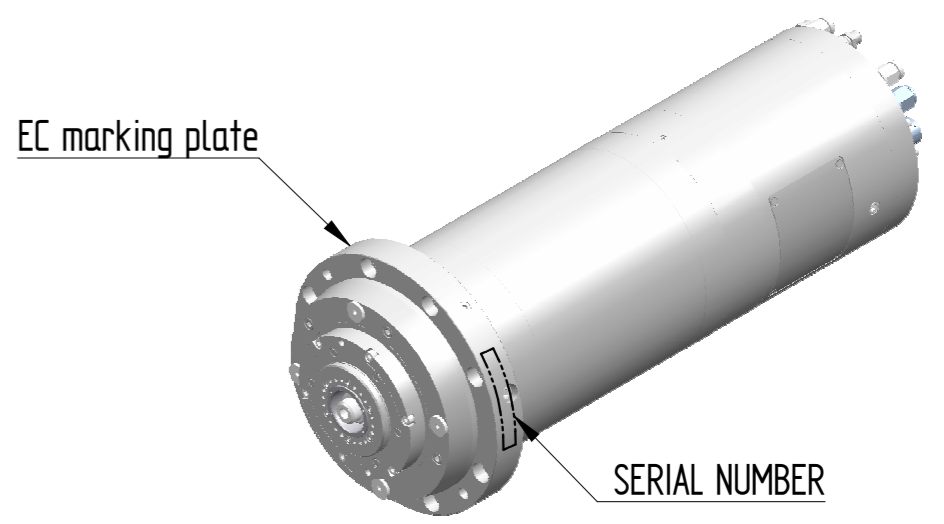


HYDRAULIC AND ELECTRIC CONNECTIONS

POS	DESCRIPTION
A	EXTERNAL TOOL COOLING INLET - Ø8
B	MOTOR COOLING LIQUID INLET - Ø6
C	PRESSURISATION - 4bar - Ø6
D	MOTOR COOLING LIQUID OUTLET - Ø6
E	ENCODER (*) CONNECTOR - see detail
F	POWER CABLES - see detail
G	OIL INLET FOR TOOL-HOLDER HOOK-UP - 40bar - Ø8
H	OIL INLET FOR TOOL-HOLDER RELEASE - 40bar - Ø8
I	SENSOR CONNECTOR + THERMIC ALARM - see detail
L	CONE CLEANING - 6bar - Ø6
M	OIL SUCTION BEARINGS FRONT/REAR -Ø8
N	AIR-OIL LUBRICATION INLET FRONT BEARINGS - Ø6 - 1,5bar
O	AIR-OIL LUBRICATION INLET REAR BEARINGS - Ø6 - 1,5bar

1/8" GAS - DEPTH 14mm
Nr 4 THREAD BORES x 90°
FOR EXTERNAL TOOL COOLING

SEZ. A-A



15

REV.	DESCRIZIONE REVISIONE / REVISION DESCRIPTION	N°REV	DATA / DATE	FIRMA / SIGN																								
1	Modificata la dicitura "external" in "internal".	1	20/11/2015	LB.																								
	DESIGNATO / DRAWN BY	CONTROLLATO / CHECKED BY	APPROVATO / APPROVED	PESO / WEIGHT: 30,734 kg																								
	DATA DATE	28/10/2014	28/10/2014	GREZZO DI / RAW:																								
	FIRMA / SIGN	Bernabucci L.	Pietro Paolo A.																									
<table border="1"> <tr> <td colspan="2"> HSD DIVISION </td> <td colspan="2"> </td> <td colspan="2"> A2 </td> </tr> <tr> <td colspan="2"> QUOTE SENZA INDICAZIONE DI TOLLERANZA POSIZIONI WITHOUT TOLERANCE INFORMATION </td> <td colspan="2"> LAVORAZIONI MECCANICHE / MECHANICAL WORKINGS: </td> <td colspan="2"> UNI EN 22768-FH </td> </tr> <tr> <td colspan="2"> SALDOCARPENTERIE / WELDMENT: </td> <td colspan="2"> GETTI / MELT CASTING: </td> <td colspan="2"> CICLO DI VERNICIATURA / PAINTING CYCLE: </td> </tr> <tr> <td colspan="2"> CODICE ARTICOLO / DRAWING ID: </td> <td colspan="2"> DIM. ES332 A40 13kW ENC L+B V14 32krpm </td> <td colspan="2"> 5530H0716 </td> </tr> </table>					HSD DIVISION				A2		QUOTE SENZA INDICAZIONE DI TOLLERANZA POSIZIONI WITHOUT TOLERANCE INFORMATION		LAVORAZIONI MECCANICHE / MECHANICAL WORKINGS:		UNI EN 22768-FH		SALDOCARPENTERIE / WELDMENT:		GETTI / MELT CASTING:		CICLO DI VERNICIATURA / PAINTING CYCLE:		CODICE ARTICOLO / DRAWING ID:		DIM. ES332 A40 13kW ENC L+B V14 32krpm		5530H0716	
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