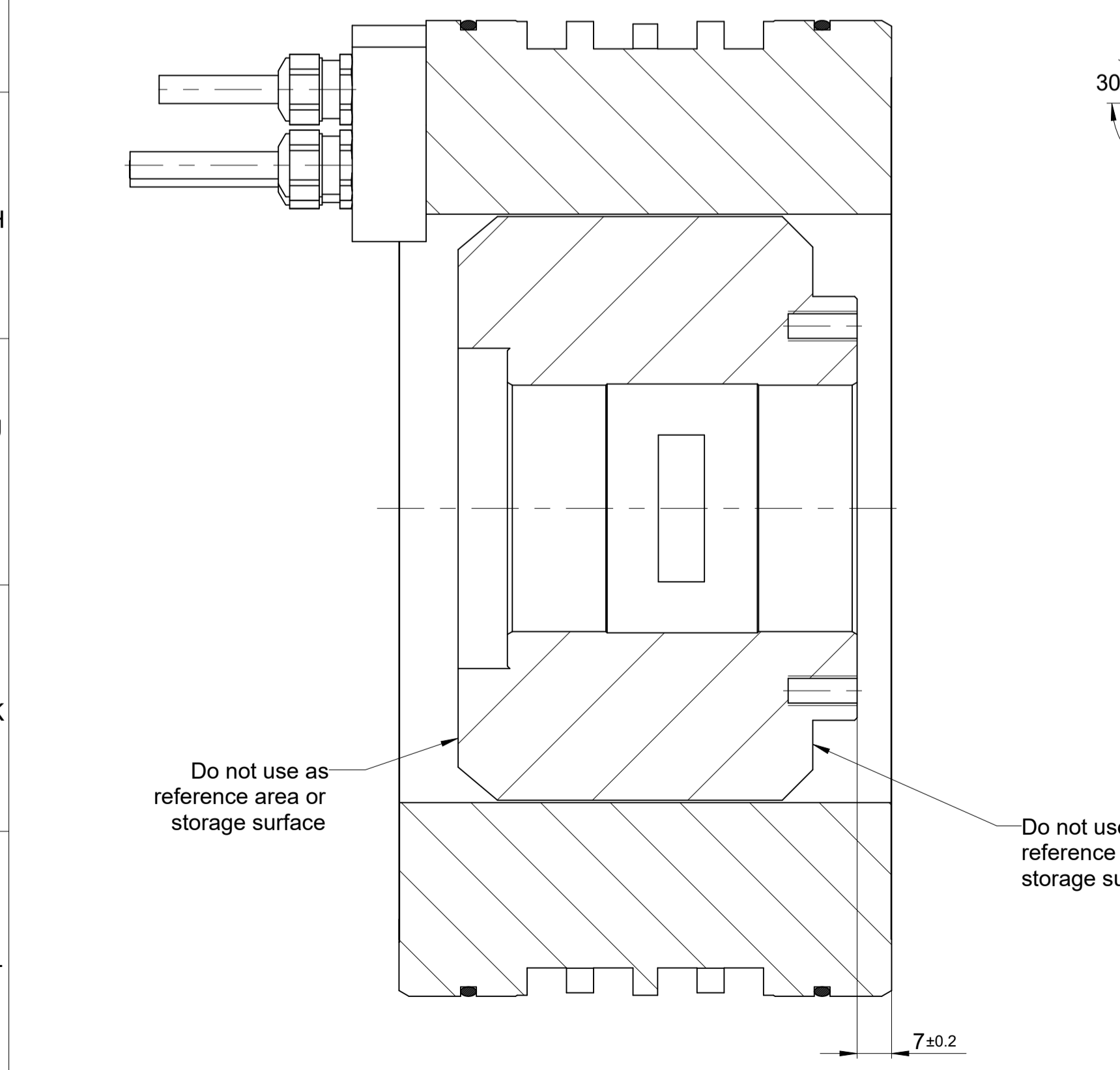
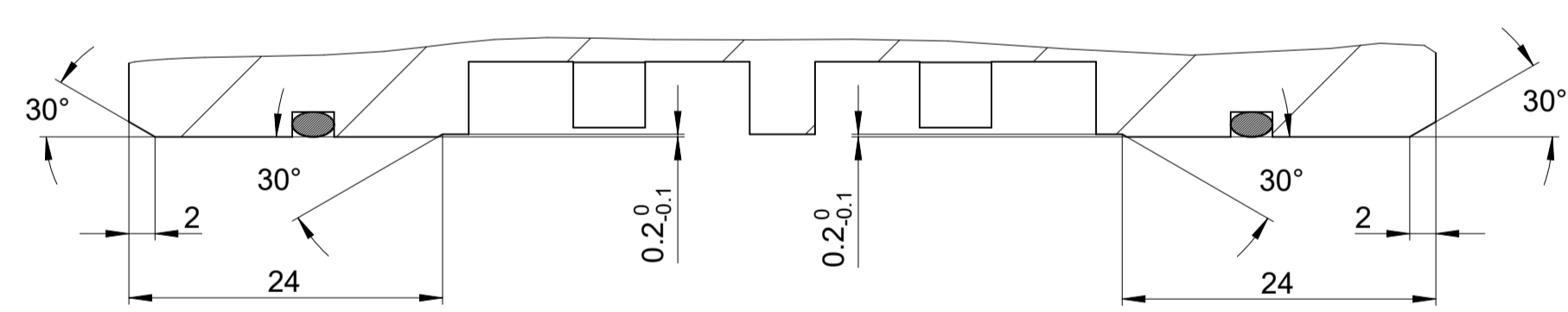
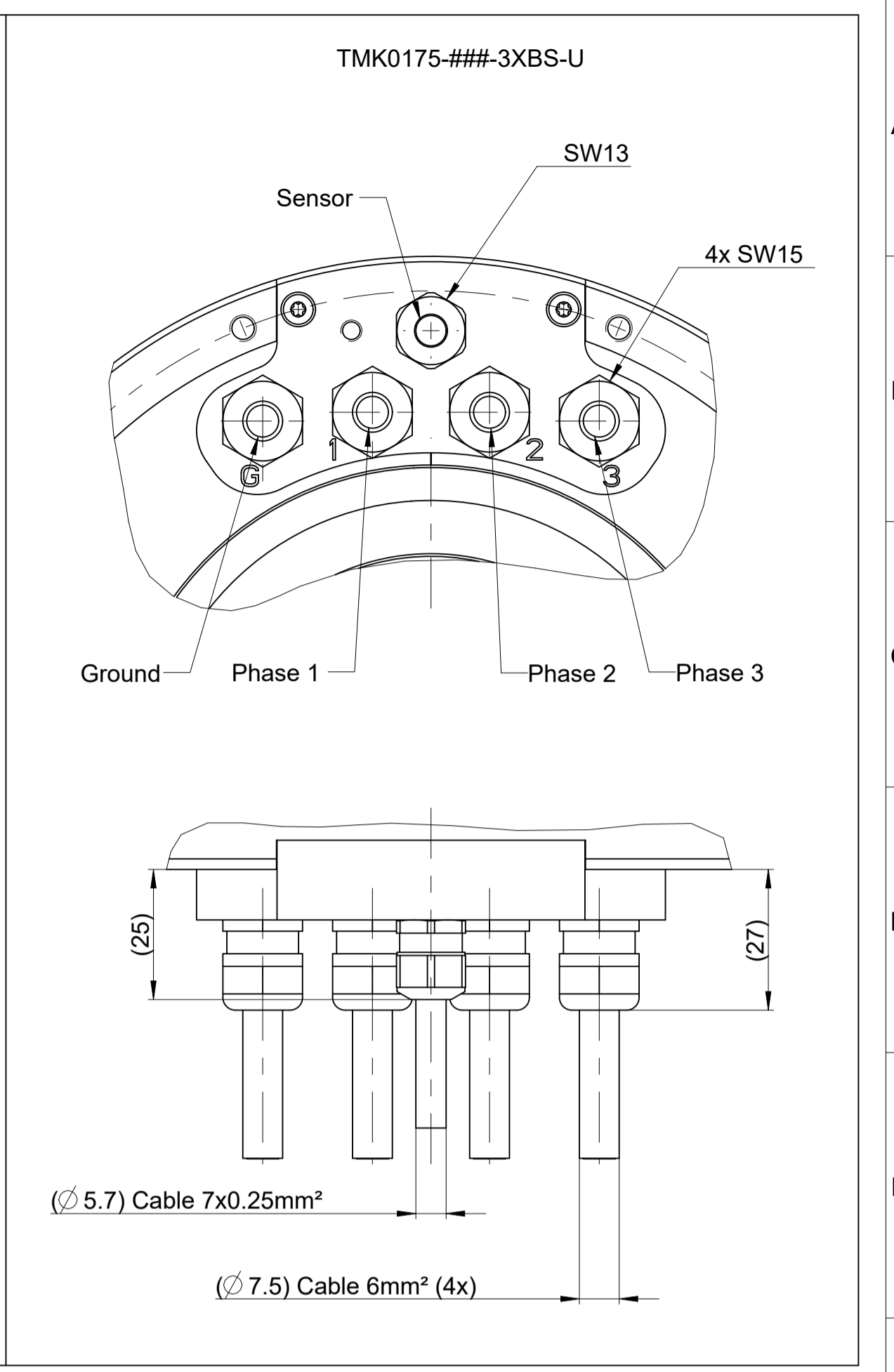
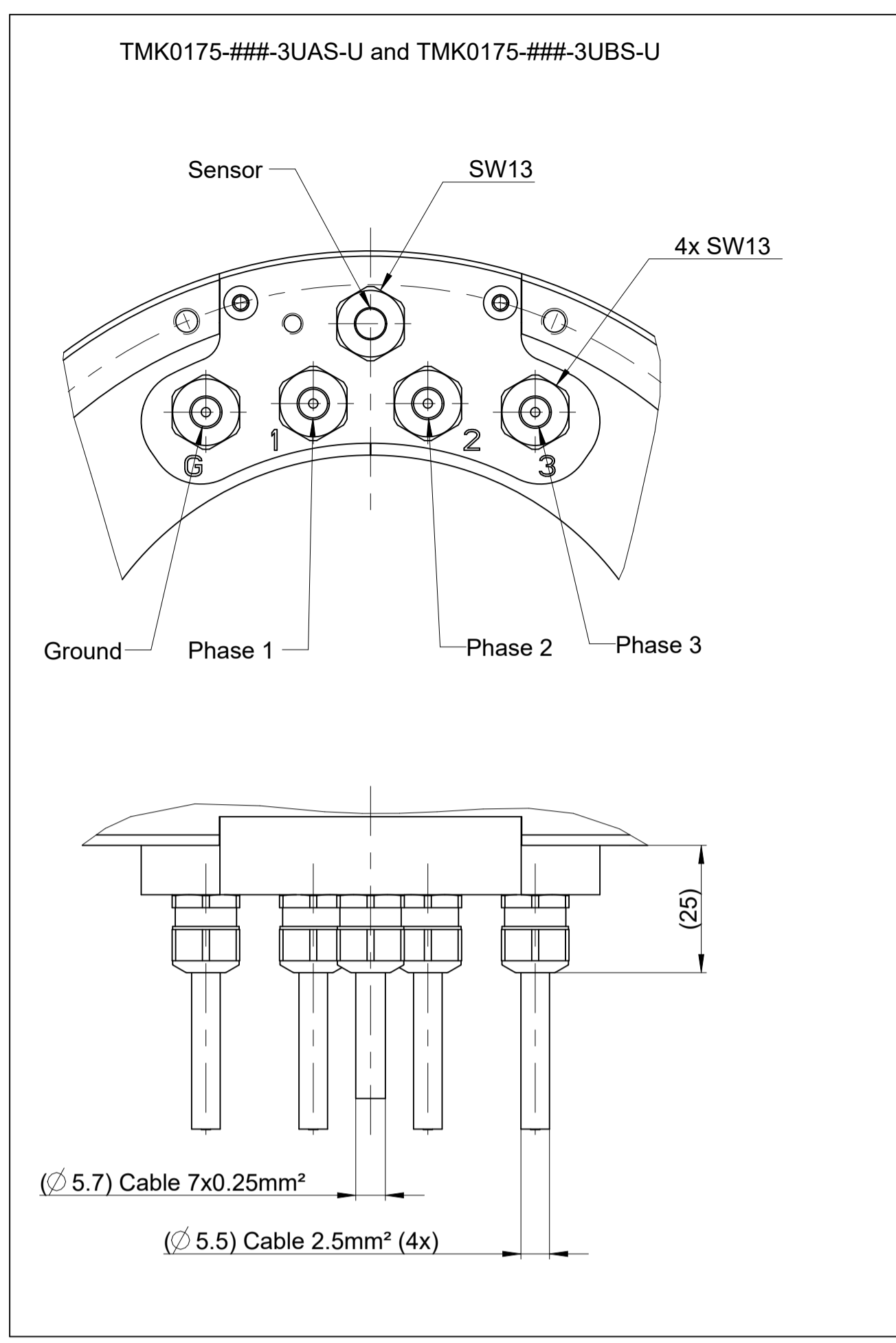
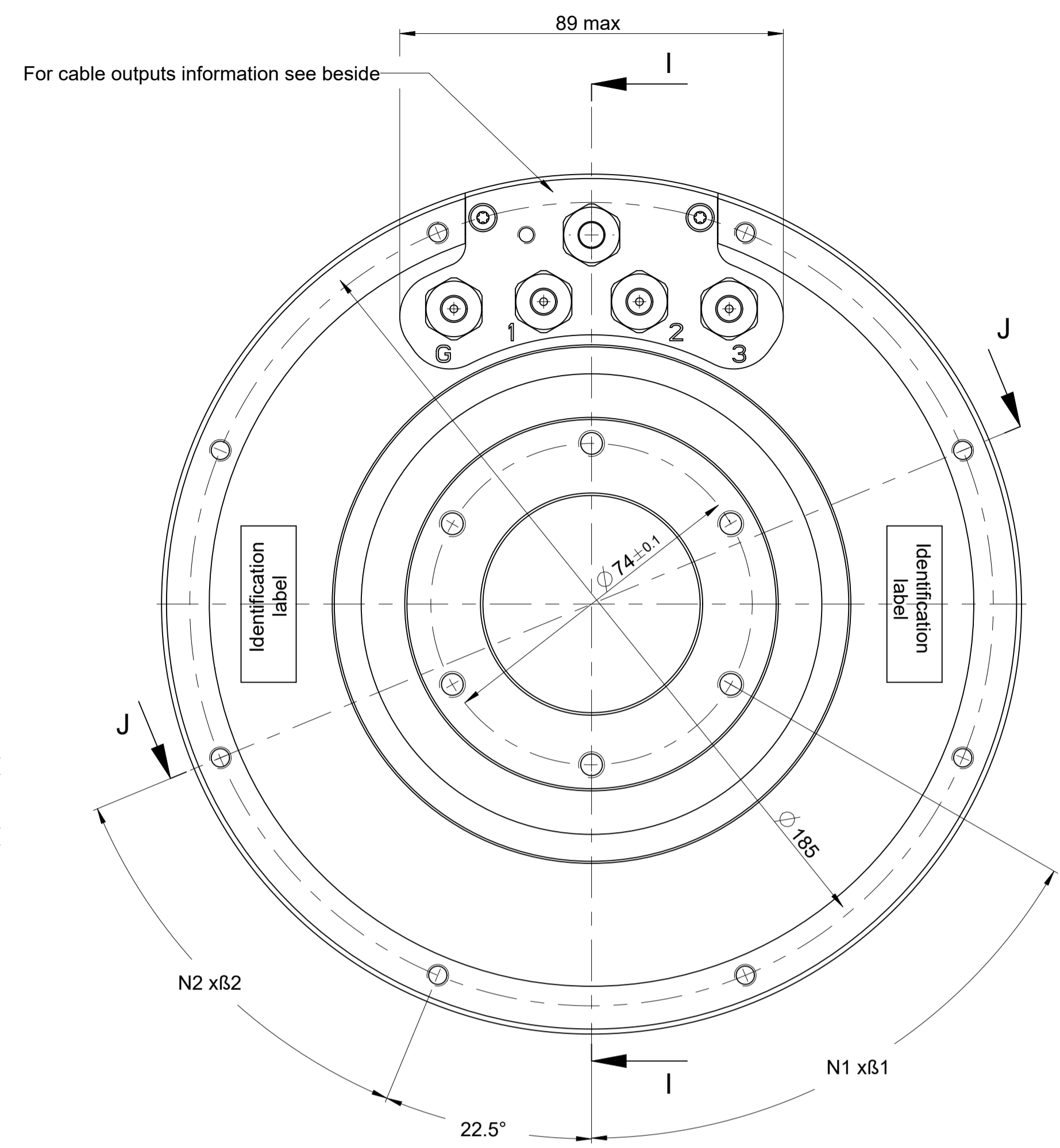


Rotor shoulder position on cable side

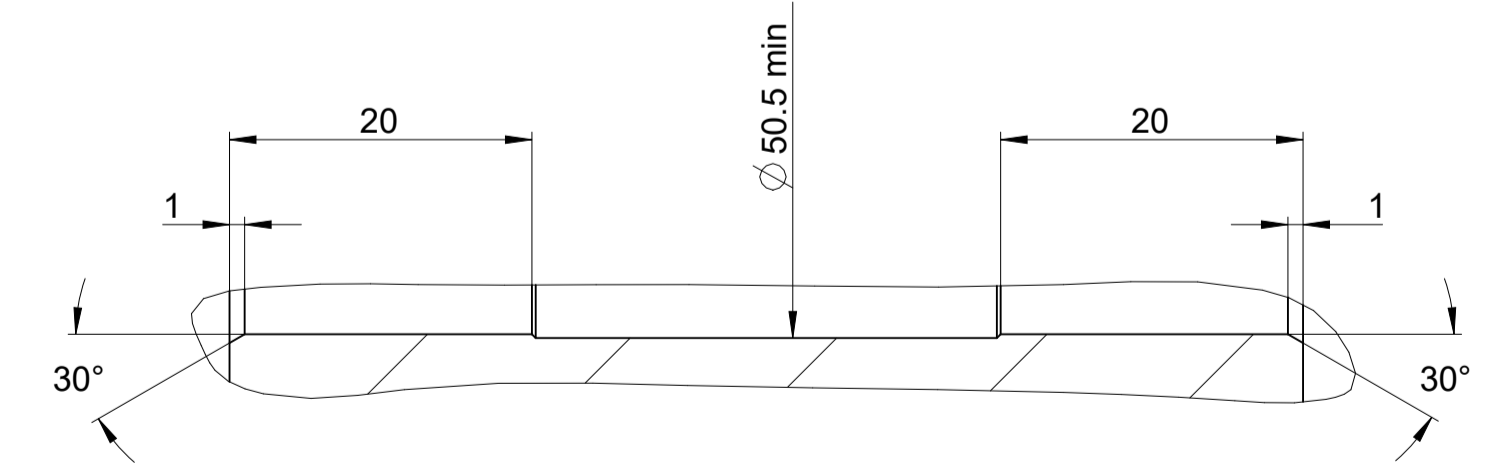
I-I



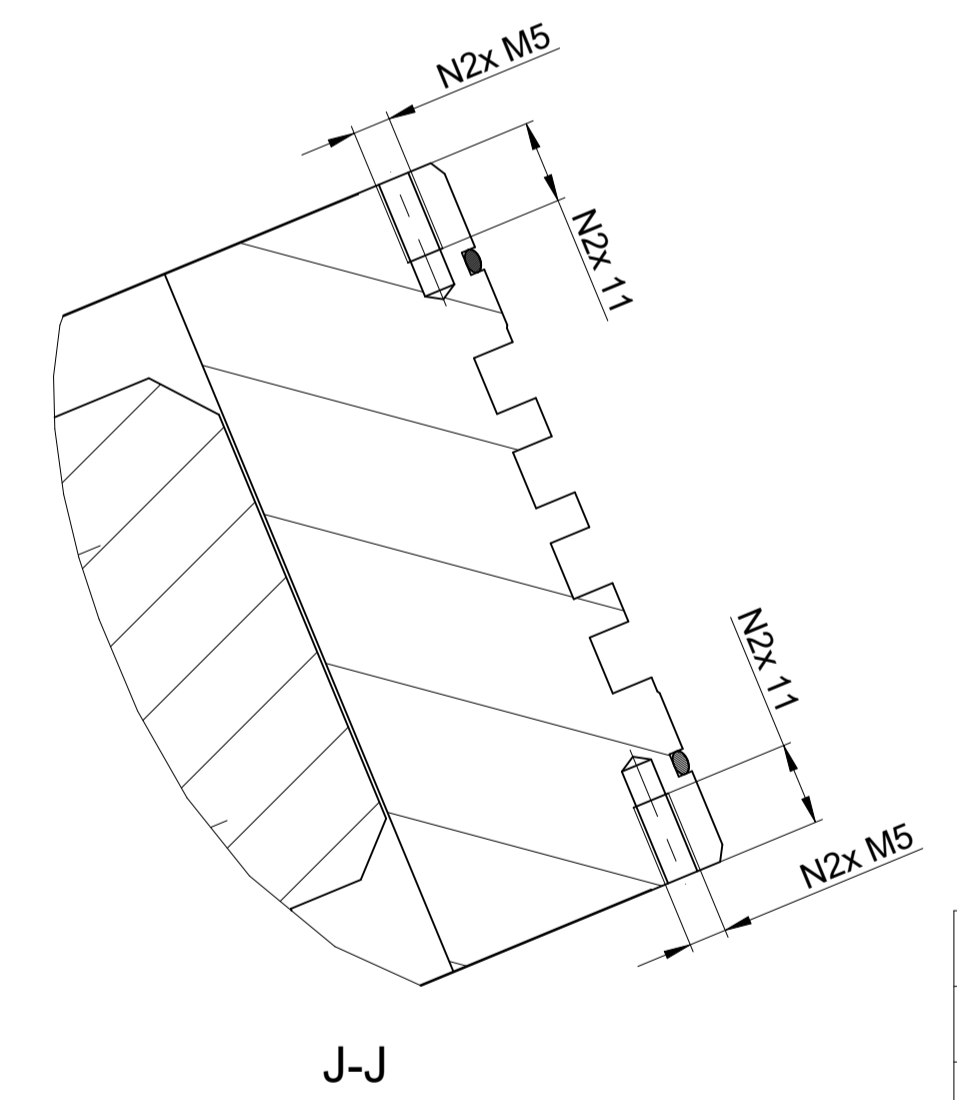
Rotor shoulder position on opposite side of cable



X
2:1



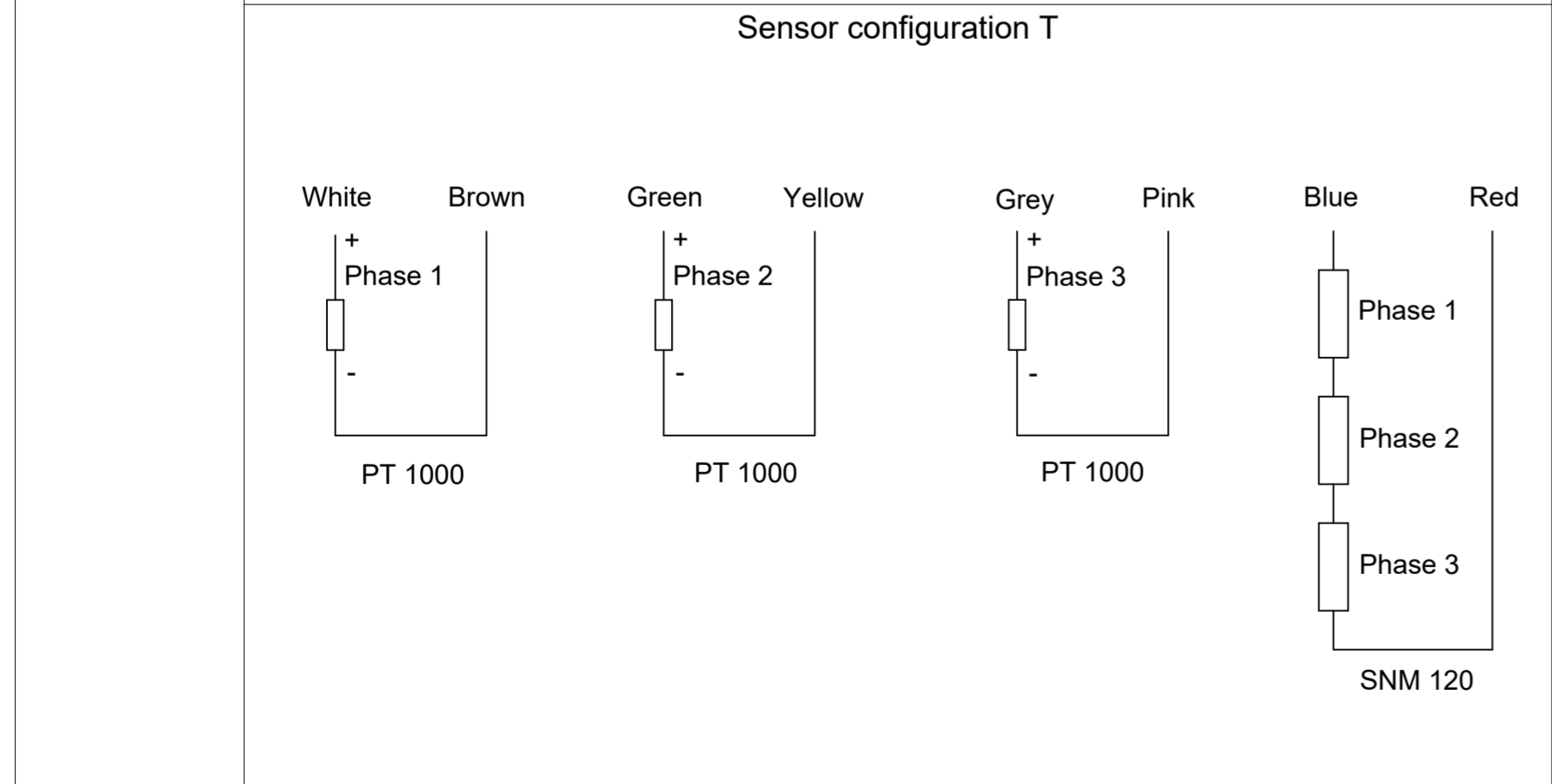
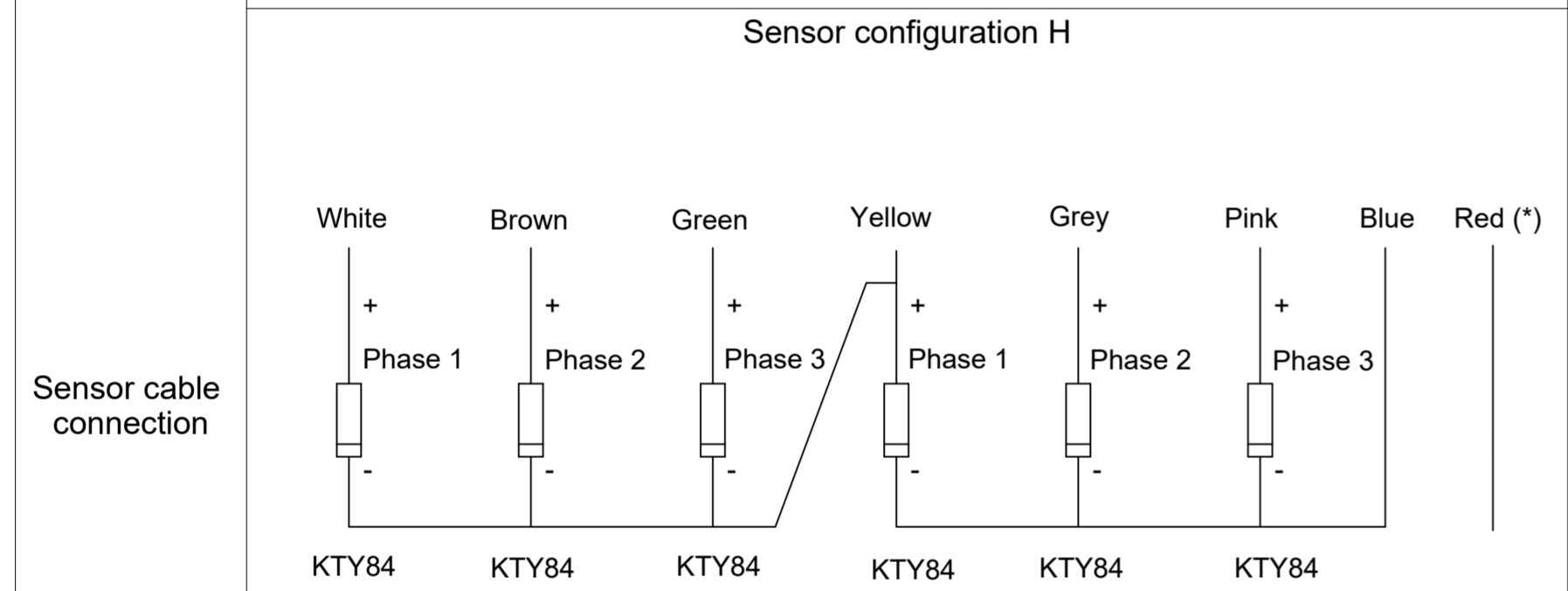
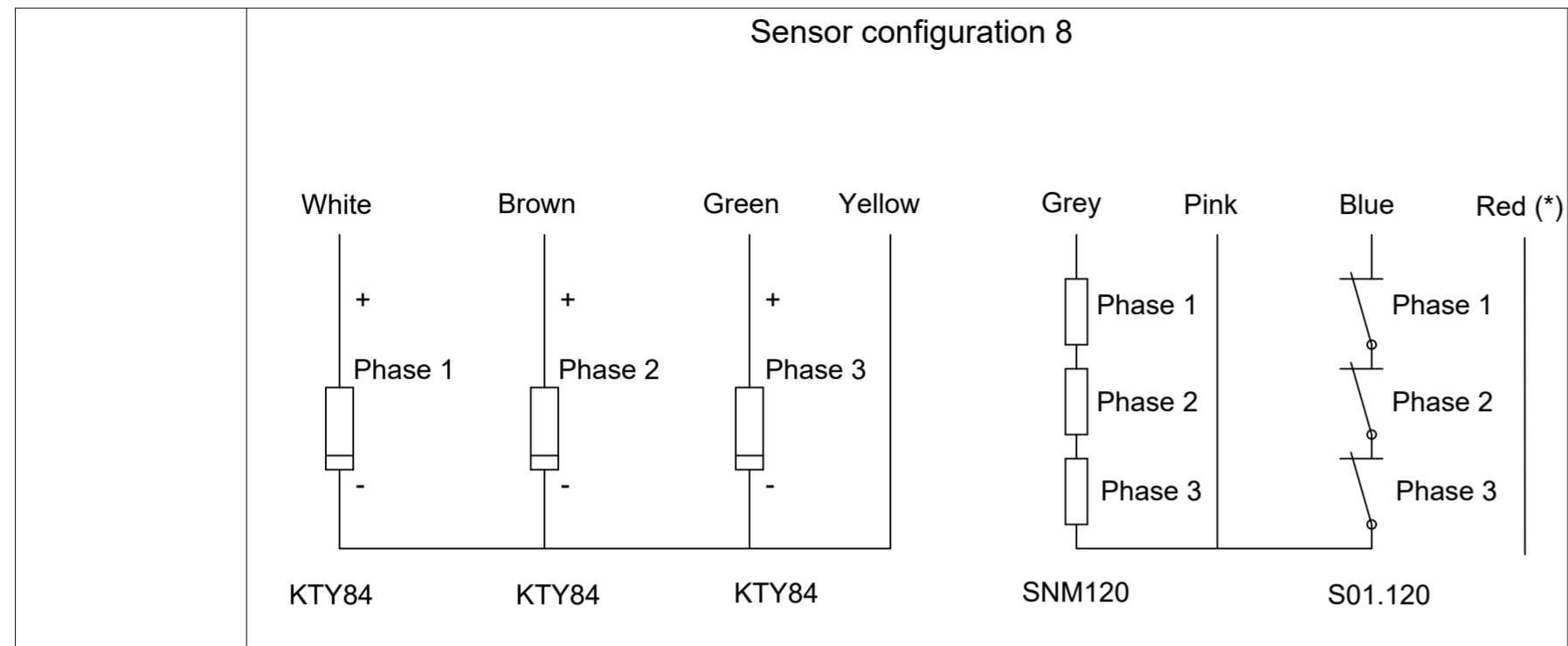
Y
2:1



J-J

PRODUCT	L1	L2	L3	N1	N2	β1	β2
TMK0175-050	100	81	40	6	8	60	45
TMK0175-070	120	101	60	6	8	60	45
TMK0175-100	150	131	90	12	16	30	22.5
TMK0175-150	200	181	140	12	16	30	22.5

Text:		ID number	
Original drawing Scale Format		Change No. C124601-01 Released: 24.02.2022	
RoHS 1:1 A1	Torque motor TMK0175 (interface) Moteur couple fer TMK0175 (interface)		Material: Matière:
Dimensions in mm / Cotes en mm			
Workpiece edges ISO 13715 Arêtes de formes selon ISO 13715		Surfaces as per ISO 1302 Etats de surface selon ISO 1302	
Tolerances as per ISO 8015 : 2011 Tolérances selon ISO 8015 : 2011		Surface treatment: Traitement de surface:	
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ETEL ETEL S.A. 2112 Möhlers SWITZERLAND		Version/Revision/Sheet Page 1039760-06-A-01 1 of 1	



(*): Red wire (if present) is not connected on the motor side and cutted flush on cable extremity.

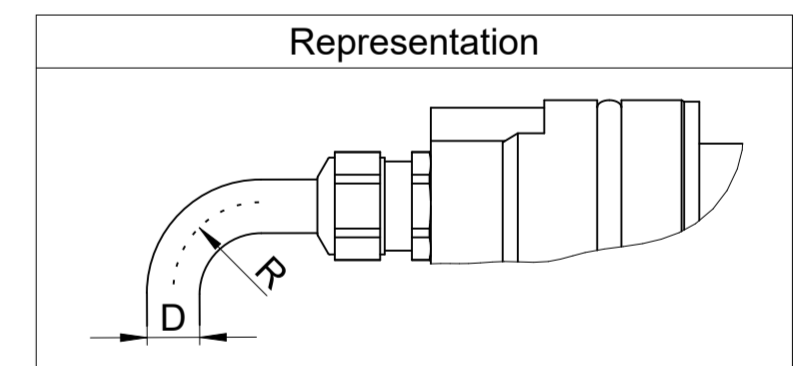
Power cable connection

Color and wire number	Function	Drawing
Black wire with number 1 or U	Phase 1 (PH1)	
Black wire with number 2 or V	Phase 2 (PH2)	
Black wire with number 3 or W	Phase 3 (PH3)	
Yellow and green wire	Ground (GND)	
Black wire with number Br1 or 5 or white cable	Neutral point wire (present only on some motor types)	
Black wire with number Br2 or 6 or black wire without label	None(**)	

(**): This wire is automatically present when the neutral point wire (which is an option) is added in the motor as it is a 2 x 1 or 2 x 1.5 mm² cable.

Wire section (mm²)

Characteristics	1 x 1.5	1 x 2.5	1 x 4	1 x 6	1 x 10	1 x 16	Sensor cable
Applicable motors	TMK0291 TMK0360 TMK0761 TMK0991	TMK0175 TMK0291 TMK0360 TMK0530	TMK0360	TMK0175 TMK0360 TMK0530	TMK0291 TMK0530 TMK0761	TMK0360 TMK0530 TMK0761 TMK0991	All TMK
Minimum bend radius for fixed cable	R = 5 X D	R = 4 X D	R = 4 X D	R = 4 X D	R = 4 X D	R = 4 X D	R = 6 X D
Minimum bend radius for moving cable	R = 10 x D	R = 7.5 X D	R = 7.5 X D	R = 7.5 X D	R = 7.5 X D	R = 7.5 X D	R = 12 X D



Text:		Original drawing Scale: 1:1 Format: A2		TMK sensor config. and cables prop. (interface)		ID number
RoHS		1:1 A2		TMK config. capteur et prop. câbles (interface)		Change No. C115144-05 Released: 18.09.2020
Workpiece edges ISO 13715 Arêtes de formes selon ISO 13715		General tolerances ISO 2768-mK Tolérances générales ISO 2768-mK		Surfaces as per ISO 1302 Etats de surface selon ISO 1302		Material: Matière:
Tolerances as per ISO 8015 : 2011 Tolérances selon ISO 8015 : 2011		Surface treatment: Traitement de surface:				
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				Document number		