



# IKM Elektro AS

Fabrikkveien 3  
4033 Stavanger

Telefon: 51 81 17 30  
Telefax: 51 81 17 31

Dok. Nr.:

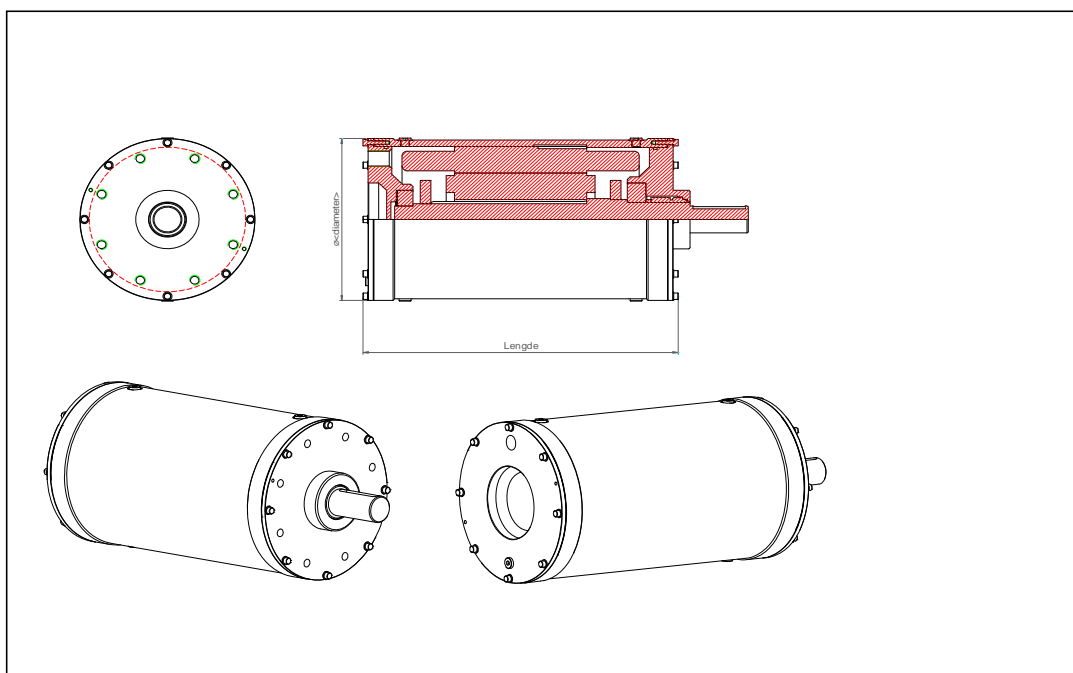
## Datablad for Subsea motor

Dato: 26.05.2014 Revisjon: 01

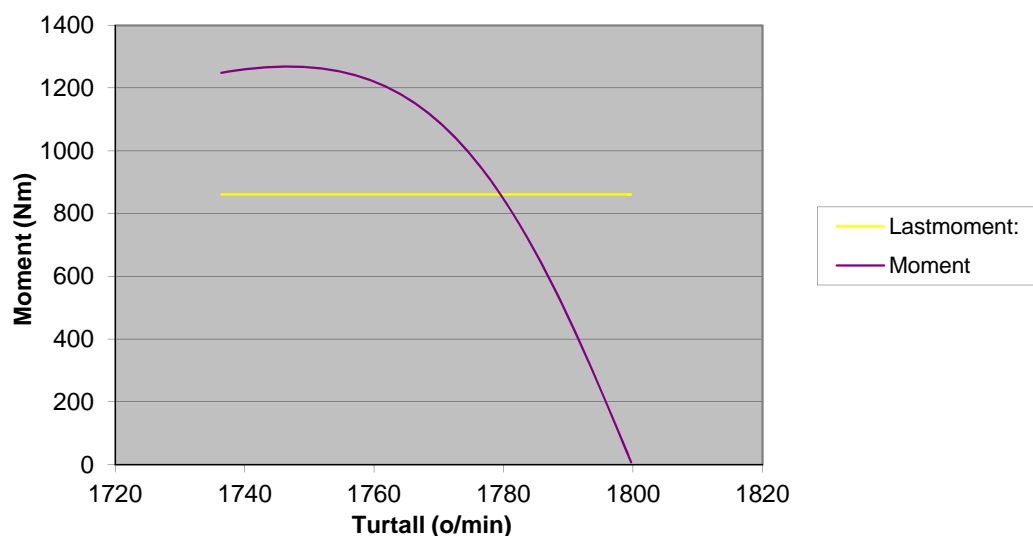
**Pro.nr: 250 - M(K&S) - 4 - 42 - 60 - 160 - 01**

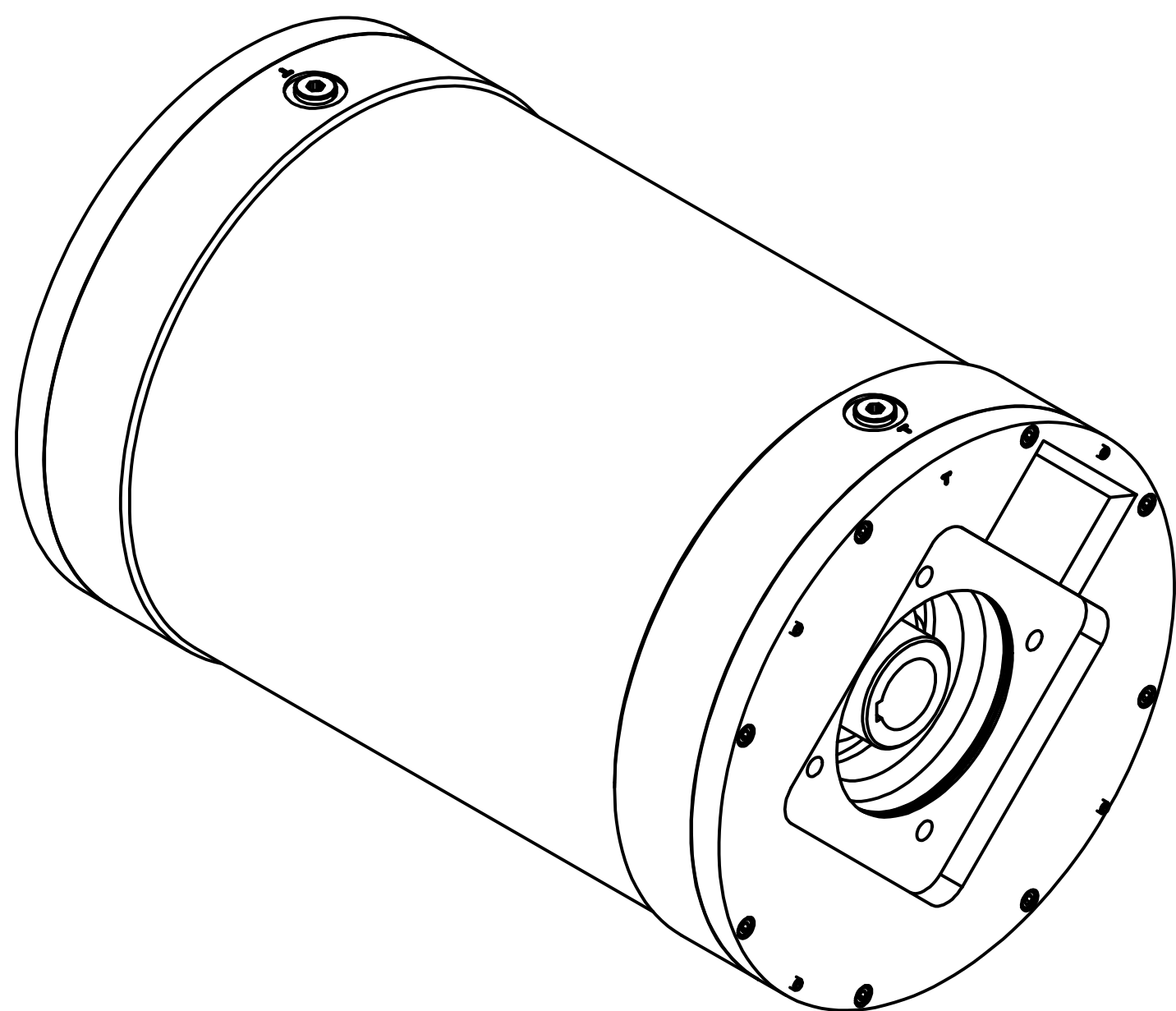
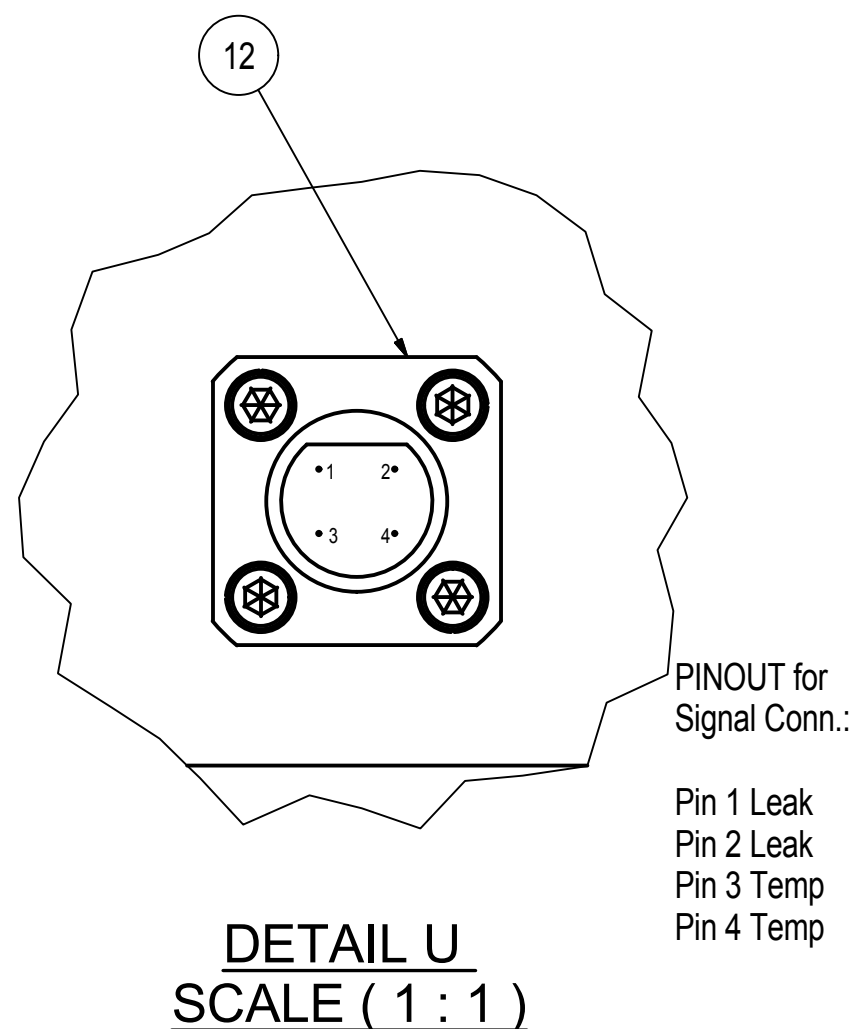
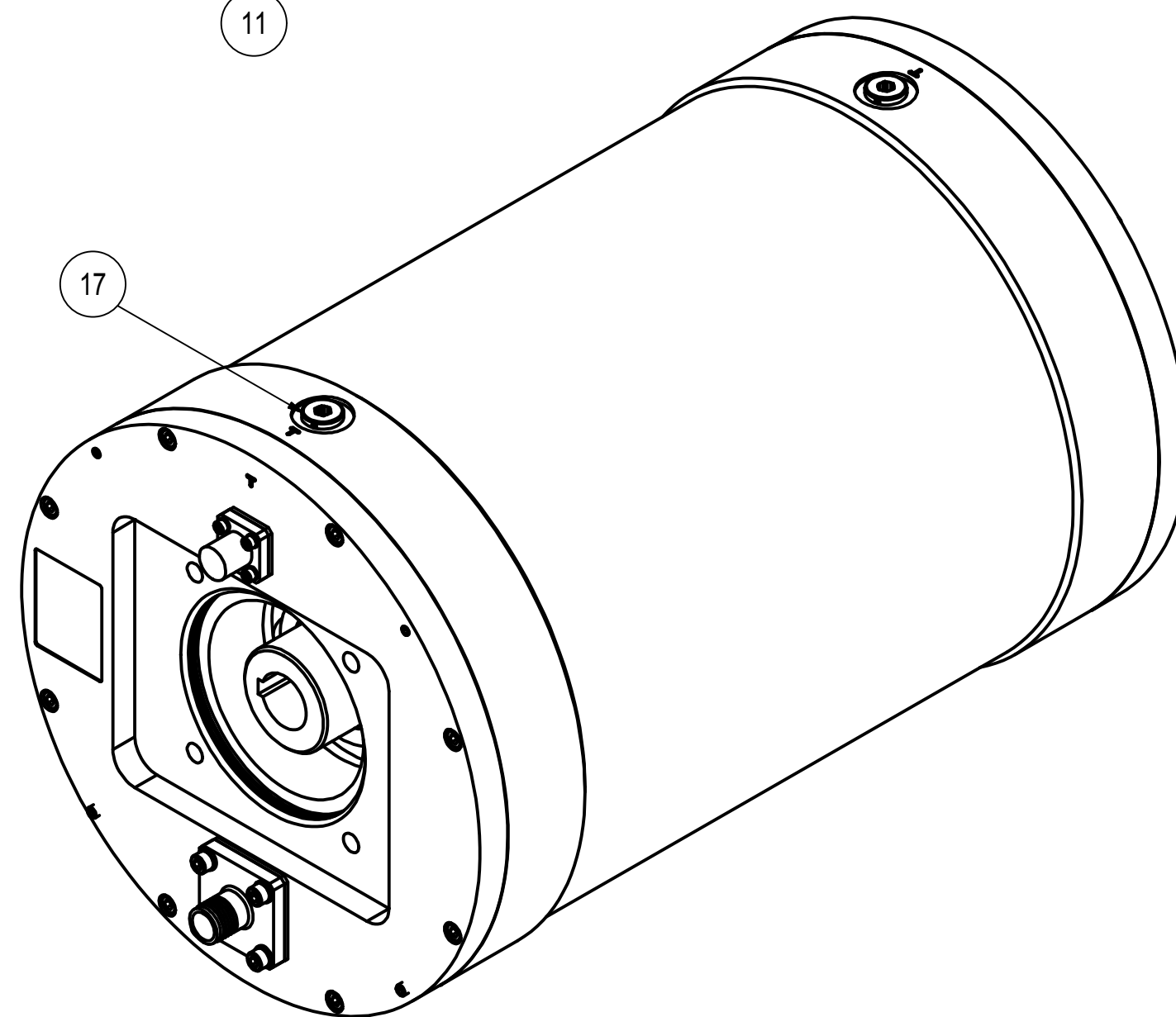
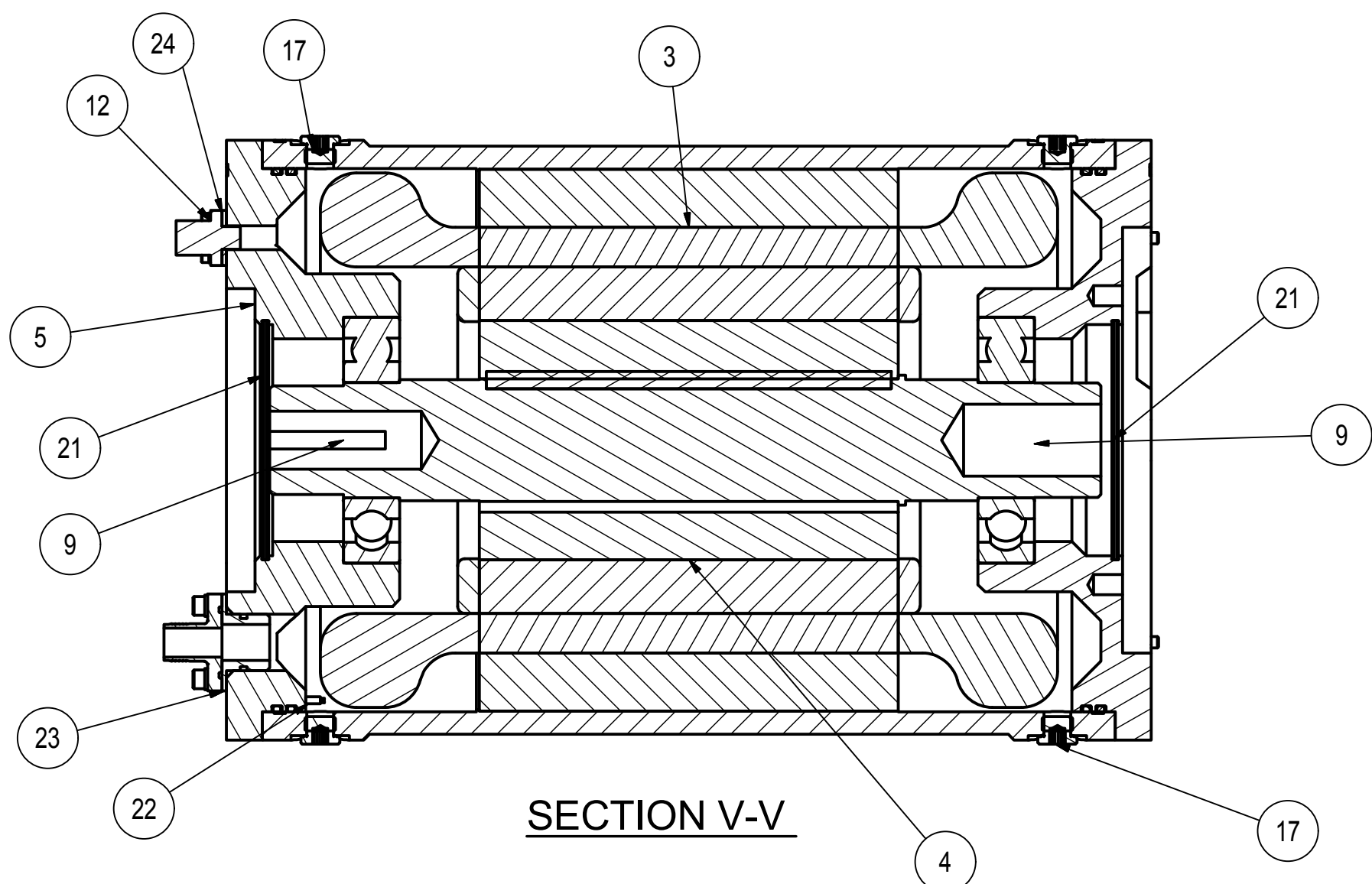
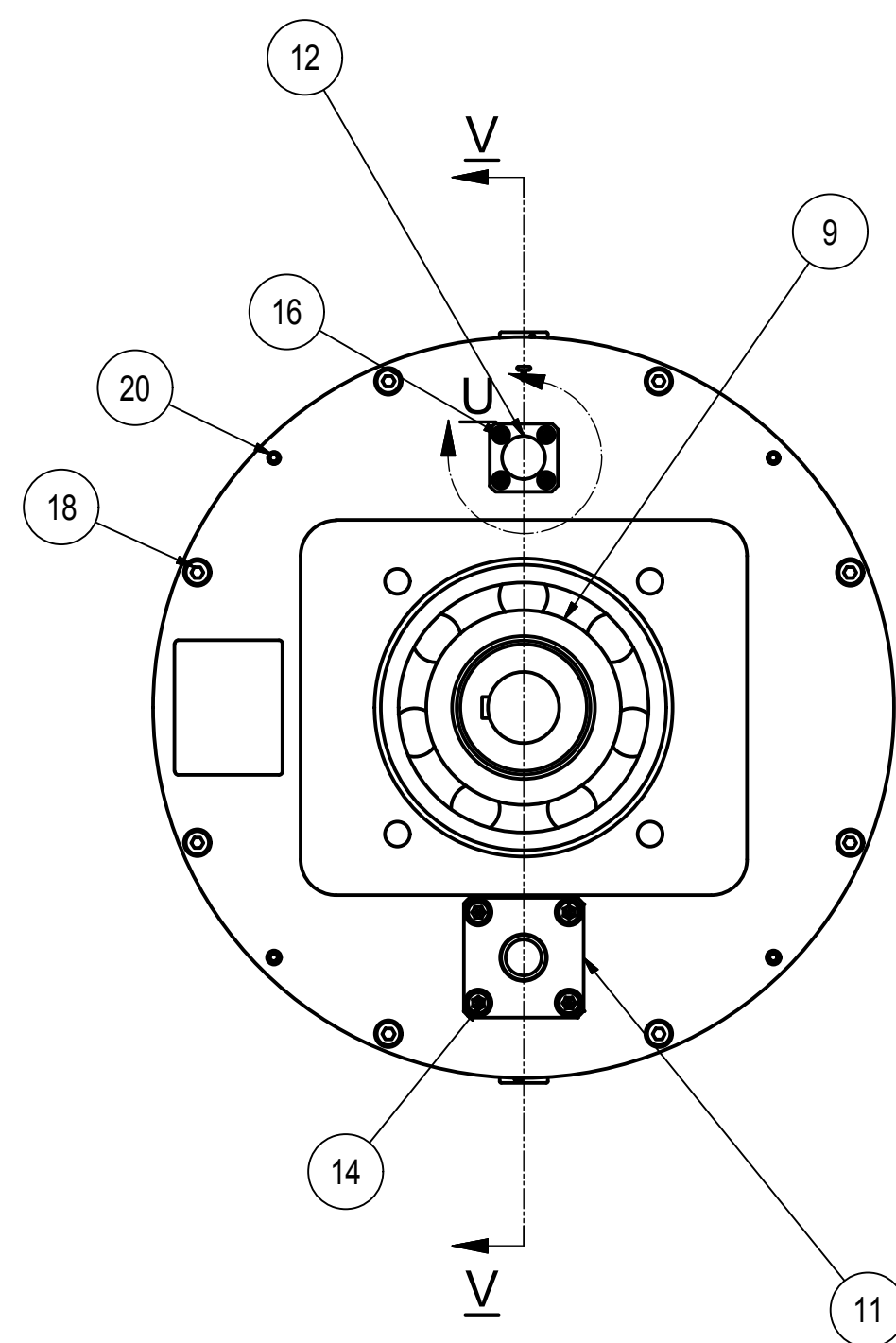
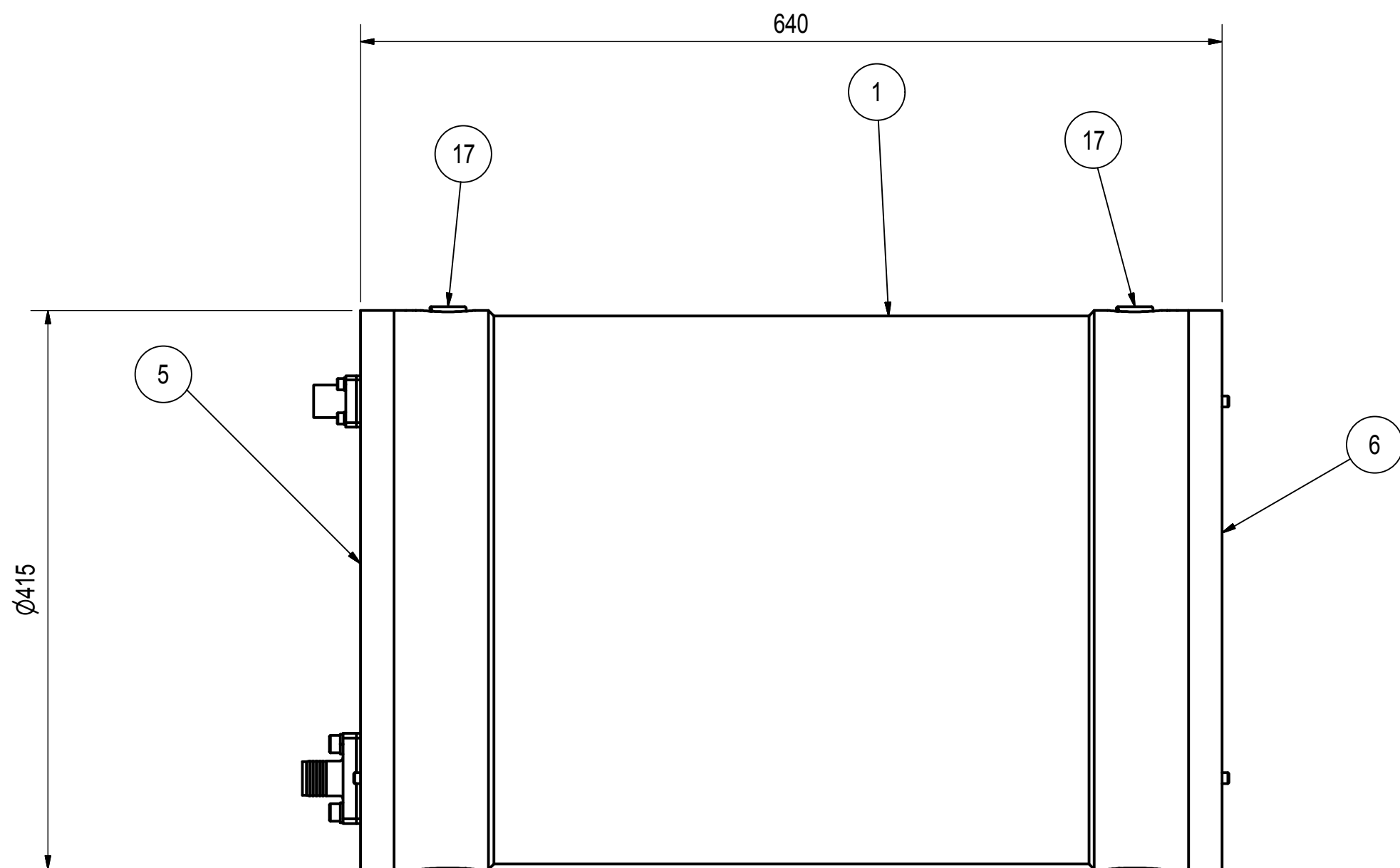
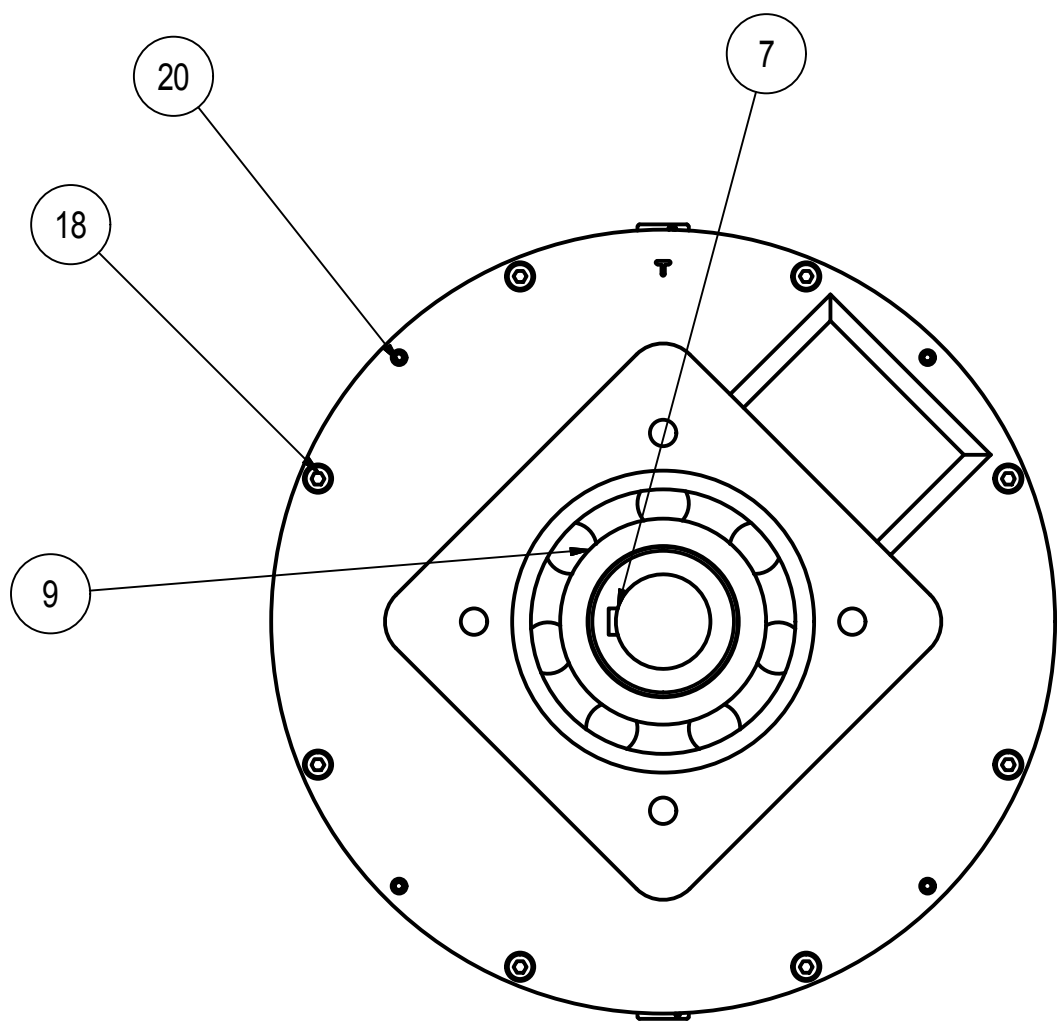
(Ca)Mål:		Effekt:	160 kW	Strøm:	27 A
Lengde(+aksling):	640 mm	Spennig:	4160 V	Hastighet	1774 o/min.
Diameter:	415 mm	Frekvens:	60 Hz	Virkningsgrad	0,931
Vekt:	324 kg	Type nr.:	M(K&S)	Maks moment:	1269 Nm
Poler:	4	Drifts moment:	861 Nm	Start momnet:	906 Nm

<b>Resistans</b>	Ru-v	3,42 ohm	Rv-w	3,42 ohm	Rw-u	3,42 ohm
	Ru	1,71 ohm	Rv	1,71 ohm	Rw	1,71 ohm



### Moment kurve





PARTS LIST				
ITEM	QTY	PART NUMBER	MATERIAL	MASS
1	1	250-4 motorhus	Aluminum 6082-T6	32,8 kg
2	1	250-4 stator kile	Stainless Steel	0,11 kg
3	1	250-4 stator sammensatt		170,7 kg
4	1	250-4 rotor sammensatt		82,8 kg
5	1	250-4 Lagerhus nde	Aluminum 6082-T6	15,2 kg
6	1	250-4 Lagerhus de	Aluminum 6082-T6	13,6 kg
7	1	250-4 aksling	Stainless Steel 165 M	22,0 kg
8	1	250-4 rotor kile	Stainless Steel	0,5 kg
9	2	DIN 625 SKF - SKF 6316	Steel, Mild	3,5 kg
10	4	DIN 3771 - 365 x 5,3 - N - NBR 70(7)375,82	Generic	0,0 kg
11	1	AB89-1061M16_ANY	Generic	0,0 kg
12	1	CONN-SEACONN-550615_ANY	Generic	0,0 kg
13	4	WASH_M8_DIN127B	Generic	0,0 kg
14	4	MSCS08100	Generic	0,0 kg
15	4	WASH_M5_DIN127B	Generic	0,0 kg
16	4	MSCS0610	Generic	0,0 kg
17	4	VST112EDCF	Generic	0,0 kg
18	16	ISO 4762 - M8 x 40ISO	Generic	0,0 kg
19	8	ISO 4029 - M8 x 8ISO	Generic	0,0 kg
20	8	ISO 4029 - M8 x 16ISO	Generic	0,0 kg
21	2	ISO 3601-1 - C 1625 G	Rubber	0,004 kg
22	1	250-4 WATER SENSOR	Generic	0,000 kg
23	1	HOSE ADAPTER	Stainless Steel	0,249 kg
24	1	CONNECTOR ADAPTER	Stainless Steel	0,027 kg

A	10.01.2014		SondreV		
Rev.	Date	Issue Description	Prep.	Chkd.	Appr.
Customer			First Angle Projection		Scale:
Project no:		Po. no: NA	All dim. in mm		
 <b>IKM ELEKTRO AS</b> Skvadronveien 24, 4050 SOLA Tel. 51 81 17 30, Fax. 51 81 17 31 E-mail: IKMelektro@ikm.no Homepage: www.ikm.no					
Title: KYSTDESIGN 160kW SUBSEA MOTOR			Part no: 250M04-42-60-160-01		
			Serial no: NA		
Drawing size A1	IKM Dwg. no. 250-4 160kW-KD-01	Customer Dwg. no. NA	Sheet of 1/8	Rev. A	