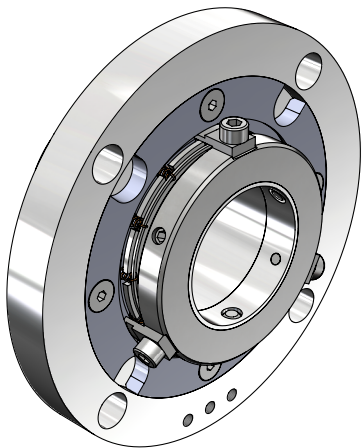
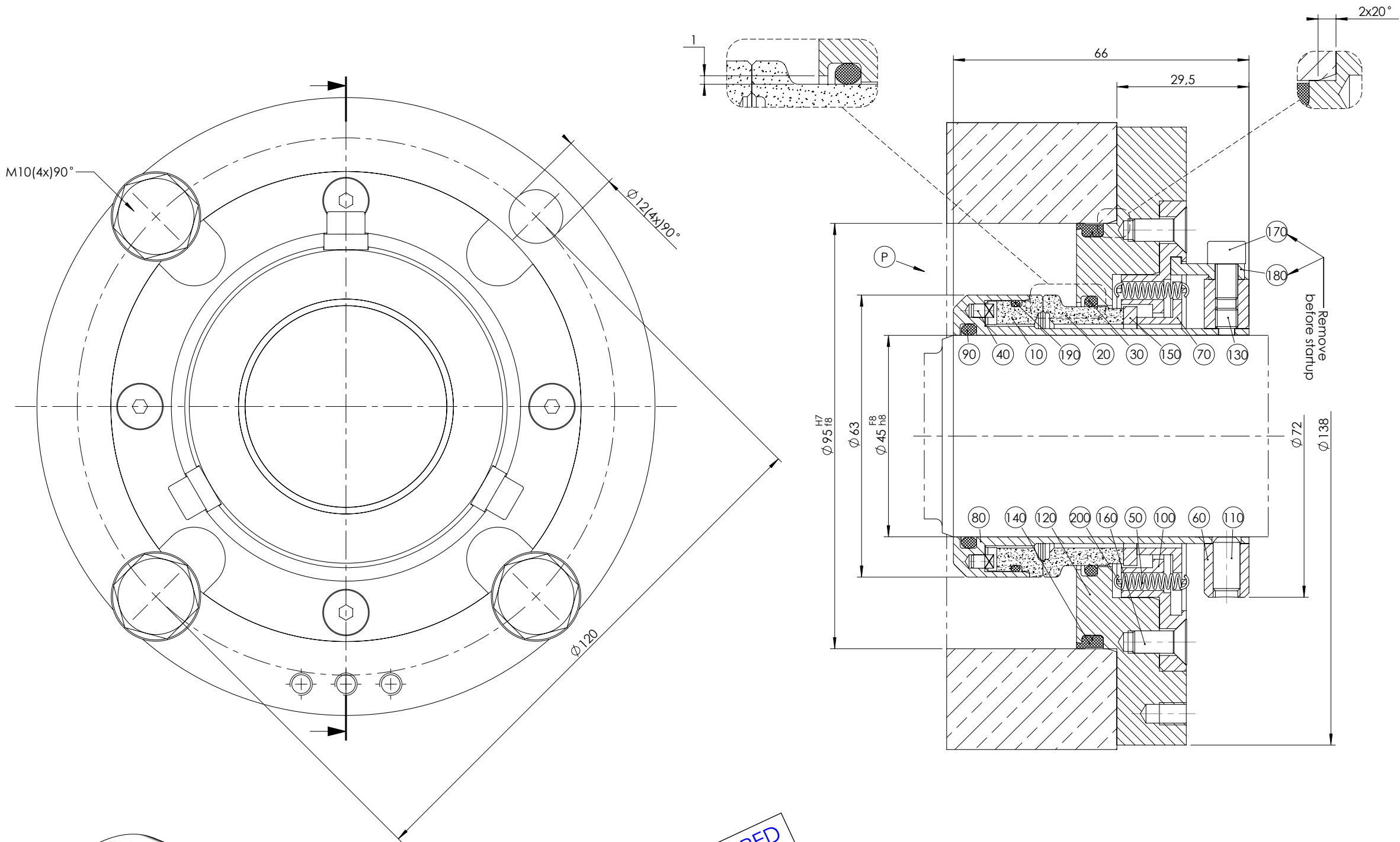


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Rev	Date	Drawn	Checked	Modification
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ASSEMBLY FINAL APPROVAL REQUIRED
THIS DESIGN IS EITHER NEW OR RECENTLY CHANGED
AND REQUIRES APPROVAL BY EITHER THE DESIGNER,
THE CHECKER OR THE APPROVER!
THIS TEXT IS TO BE REMOVED FROM THE DRAWING AFTER APPROVAL AND BEFORE DELIVERY

Item	Description	Qty	Drawing
10	Seal face	1	KK-H4
20	Inboard stator	1	ED-C00
30	O-ring	1	-
40	Drive pin	4	653940
50	Tension spring	16	524.14101-5
60	Stop ring	1	ES-67
70	Spring ring	1	ES-77
80	Shaft sleeve	1	ES-87
90	O-ring	1	-
100	Cover	1	ES-107
110	Socket set screw, cup point	3	-
120	Inboard flange	1	903439
130	Socket set screw, dog point	3	-
140	LIPORING	1	655172
150	Drive disc	1	ED-157
160	Socket flat head screw	4	-
170	Socket head cap screw	3	-
180	Mounting spacer	3	-
190	O-ring	1	-
200	Spring holder	2	ES-207

This seal can handle an axial displacement of ± 2 mm

		General tolerance ISO 2768-mK		Application VISCO JET "MIXER MODEL??"		Seal position Bottom entry	Item group PF6O17
		Design SA 2013-06-26	Checked KH 130701	Approved -	Customer drw. -	Project no. EP9658-02	
		ES-045		Weight (kg) 2.1	Replaces -		Replaced by -
				Scale/Size 1:1 A3	Drawing no. 16238-90		Rev. 0

Level	Position	Need	Item	Description	Material	Standard
	Manufactured Item		903438	ES-045-ZZ687	SIC/SIC/EPDM	Drawing number 16238-90
1	100	1.0000	651979	Seal face 045-H4 SIC-Z	SIC-Z	
1	200	1.0000	652002	Stat ED-045 SIC-Z	SIC-Z	
1	300	1.0000	652240	O-ring 56,82x2,62 EPDM Per	EPDM Peroxid	Simrit
1	400	4.0000	114474	Square drive pin Ø3x3 h=5 4305	EN 1.4305	
1	500	12.0000	651260	Tension spring Spc Hast	Hastelloy	
1	600	1.0000	652379	Stop ring ES-045-6 4301	EN 1.4301	
1	700	1.0000	652400	Spring ring ES-045-7 4301	EN 1.4301	
1	800	1.0000	652421	Shaft sleeve ES-045-8 4404	EN 1.4404	
1	900	1.0000	652307	O-ring 44,2x3,0 EPDM Per	EPDM Peroxid	FDA Simrit 281
1	1000	1.0000	652316	Cover ES-045-10 4301	EN 1.4301	
1	1100	3.0000	146890	SSS C PT/MSK6SS M6x12 A4-70	A4-70	DIN 916
1	1200	1.0000	903439	ES-045 Flange 4404 Spc	EN 1.4404	
1	1300	3.0000	304539	SSS DG PT/MT6SS M5x6 A4-70	A4-70	DIN 915
1	1400	1.0000	656434	LIP-HRO-095 EPDM Per 80° FDA	EPDM Peroxid 80	FDA
1	1500	1.0000	652135	Drive disk ED-045-15 4301	EN 1.4301	
1	1600	4.0000	147206	SFHS/MF6S M5x12 A4-70	A4-70	DIN 7991
1	1700	3.0000	654576	SLHCS/MLC6S M5x8 A2	A2	
1	1800	3.0000	655367	Mtg spacer ES 4401	EN 1.4401	
1	1900	1.0000	652245	O-ring 56,87x1,78 EPDM Per	EPDM Peroxid	Simrit
1	2000	2.0000	652358	Spring holder ES-045-20 4301	EN 1.4301	
1	9010	1.0000	304362	Grease Tube Huhnseal Logo		Silicone based, food grade FDA
1	9020	1.0000	302033	Allen key 3,0mm		
1	9030	1.0000	302034	Allen key 4,0mm		
1	9080	1.0000	651992	Box white 205x205x210	Cardboard	