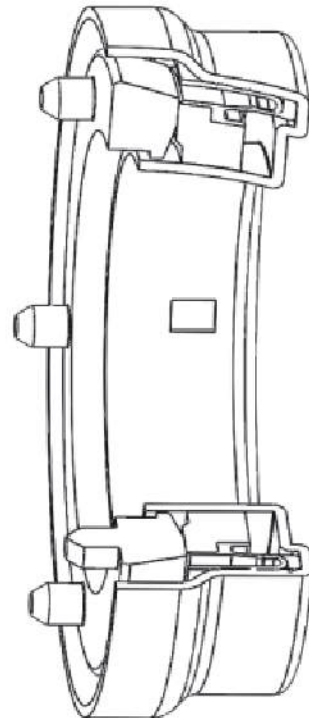
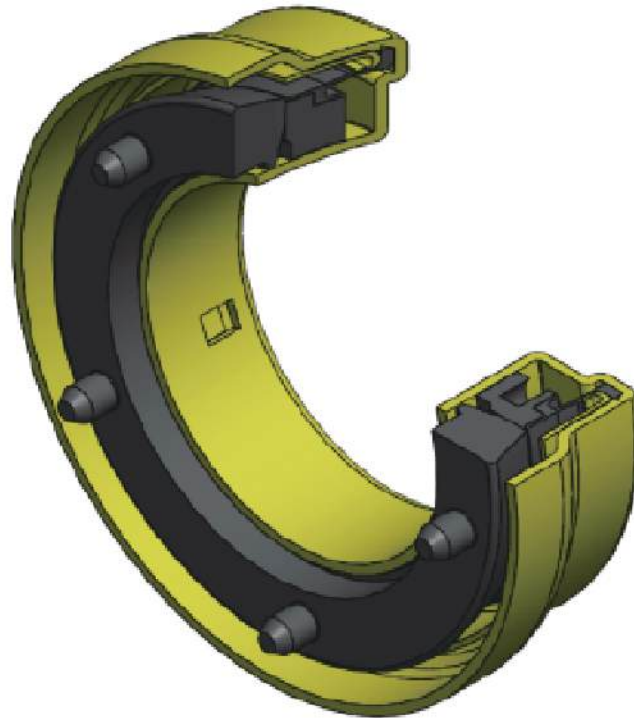
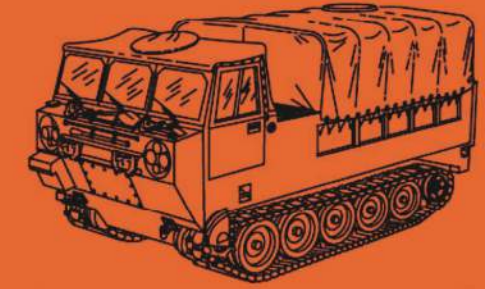


Plain Encased Seal (플레인 인케이스드 시일)



MILITARY MECHANICAL SEALS

(장갑전투차량용 시일)



Material Specification (재질 특성)

Description	5330-01-060-2531	5330-00-679-9626
Gasket	Rubber NBR	Rubber NBR
Seal Face, Upper	FC15Cr3Mo	FC15Cr3Mo
Seal Face, Lower	FC15Cr3Mo	FC15Cr3Mo
Diaphragm	ASTM D2000, Nitrile	ASTM D2000, Neoprene
Case	Carbon Steel	Carbon Steel
Surface Finish	Zn plating	Zn plating
Operation Temperature	-40°C ~ 54°C	-40°C ~ 54°C
Internal Spring	9EA	12EA

* Note : Product Specifications can be changed without notice.

Floating Seal, DF, DO	
N.S.N	Part No.
5330-01-065-6208	12273112
5330-37-539-0754	60818556
5330-00-157-6579	N97000041
5330-37-A14-8896	60744365
5330-37-510-2918	60805408
	LWD76.97S-44NB60
	LWD76.97S-43NB60
	LWD76.97S-42NB60

Seal, Plain Encased	
N.S.N	Part No.
5330-01-060-2531	60627026/11669372
5330-00-679-9626	60621018/8763161
5330-01-202-8208	10917227
5330-00-801-6698	10917227
5330-00-823-5607	10917126/12268229
5330-00-796-2191	7962191
2520-01-119-7730	8355838

MOTTEK

TEL : +82-32-221-1392
FAX : +82-32-221-1393
e-mail : motek111@naver.com

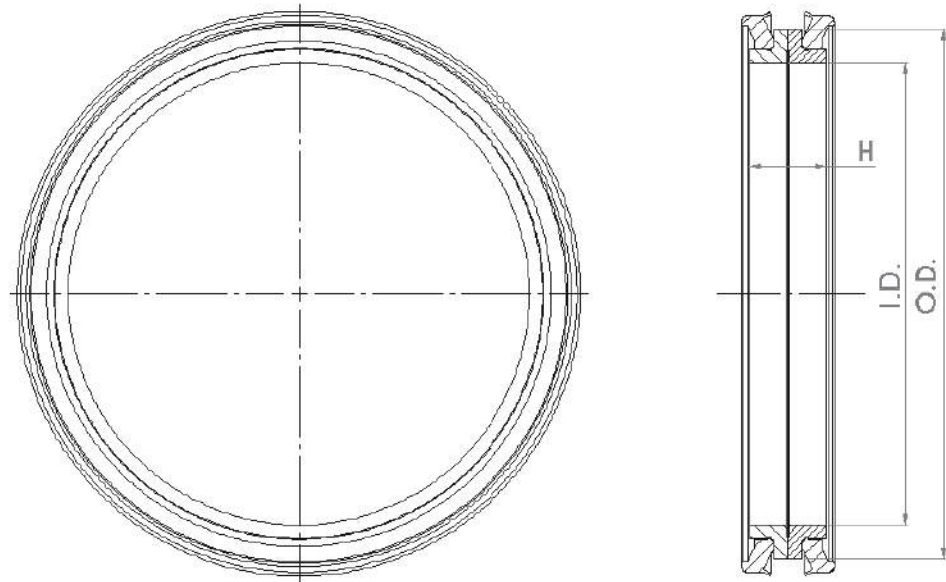
WEB : <https://sealsupplykorea.com>
BLOG : <http://blog.naver.com/motek-incorporated>
e-mail : kamesk2002@yahoo.co.kr



인천광역시 계양구 주부토로 543번길 9-1, 201호 / <https://sealsupplykorea.com>
Tel +82-32-221-1392 Fax +82-32-221-1393 / motek111@naver.com

MOTTEK

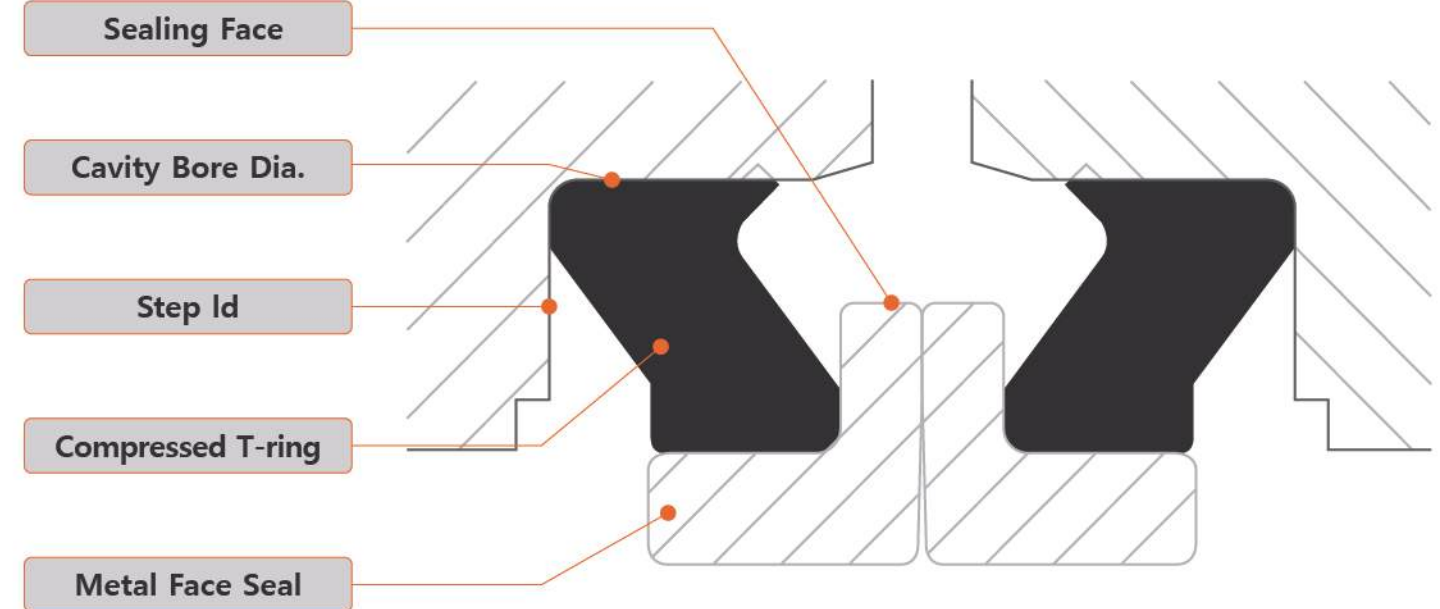
Military Floating Seal (플로팅 시일)



No.	NSN	ID	OD	H
1	5330-01-065-6208	Φ 143.00	Φ 164.00	20.0
2	5330-37-539-0754	Φ 144.00	Φ 164.00	21.0
3	5330-00-157-6579	Φ 93.00	Φ 112.00	24.0
4	5330-37-A14-8896	Φ 174.24	Φ 197.00	24.0
5	5330-37-510-2918	Φ 133.00	Φ 156.00	27.0



Rubber Ring ; Trapezoidal Rubber Loaders (T-Ring)



Material ; Elastomers

Description	Unit	Test Spec.	NBR	NBR-LT	HNBR	HNBR-LT	Silicone	Viton
Temp.	°C		-35 ~100	-50 ~105	-25 ~135	-40 ~135	-60 ~165	-10 ~190
Color		Visual	Black	Black	Black	Black	Yellow	Black
Hardness	Shore A	ASTM D2240	55-65	55-65	55-65	55-65	55-65	55-65
Min. Tension	kg/cm2	ASTM D412	100	60	140	100	60	125
Compression	%	ASTM D412	200	200	350	250	200	220
Density(±0.02)	gm/cm3	ASTM D792	1.164	1.22	1.9	1.9	1.32	1.87
TRIO	°C	ASTM D1329	-43	-54	-20	-35	-55	-10

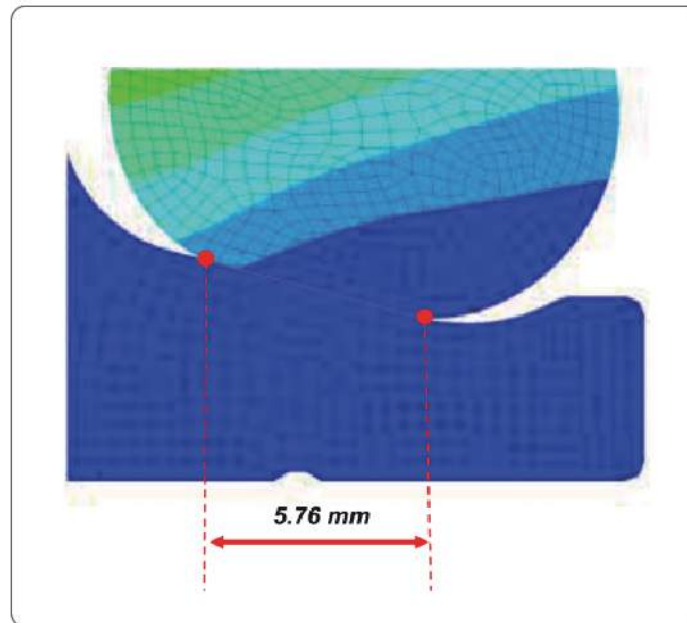


Material ; Metal Face Ring

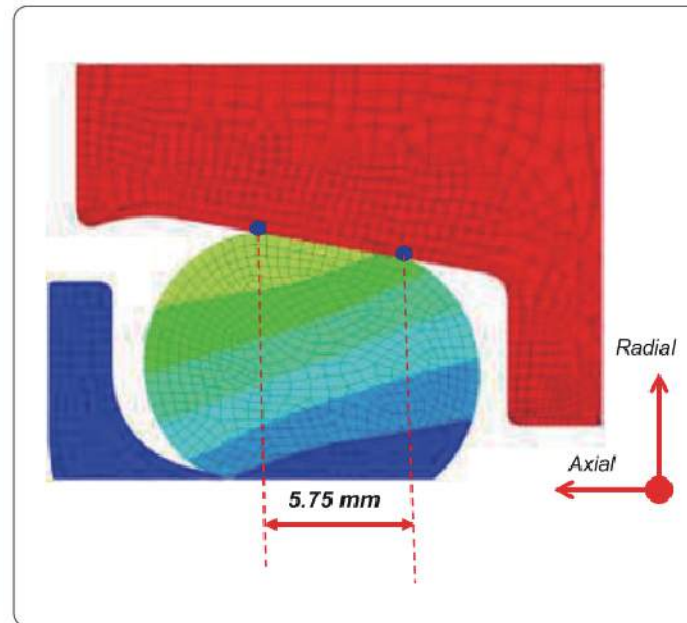
Chemicals	SAE-52100	FC15Cr3Mo	Ni-Hard
C	0.93-1.05	3.2-3.6	3.0-3.6
Si	0.15-0.35	1.1-1.6	0.4-0.7
Ni	0.25 Max	1.0-2.0	3.5-4.3
Cr	1.35-1.60	14-16	1.2-1.7
Mo	0.10 Max	2.0-4.0	0.4 Max
Co	-	0.2 Max	-
V	-	0.2 Max	0.3-0.6
W	-	0.2 Max	-
P	0.025 Max	-	0.3 Max
Si	0.015 Max	-	0.1 Max
Hardness	59-65 HRC	64-75 HRC	57-64 HRC



Contact Geometry (접촉 기하학)



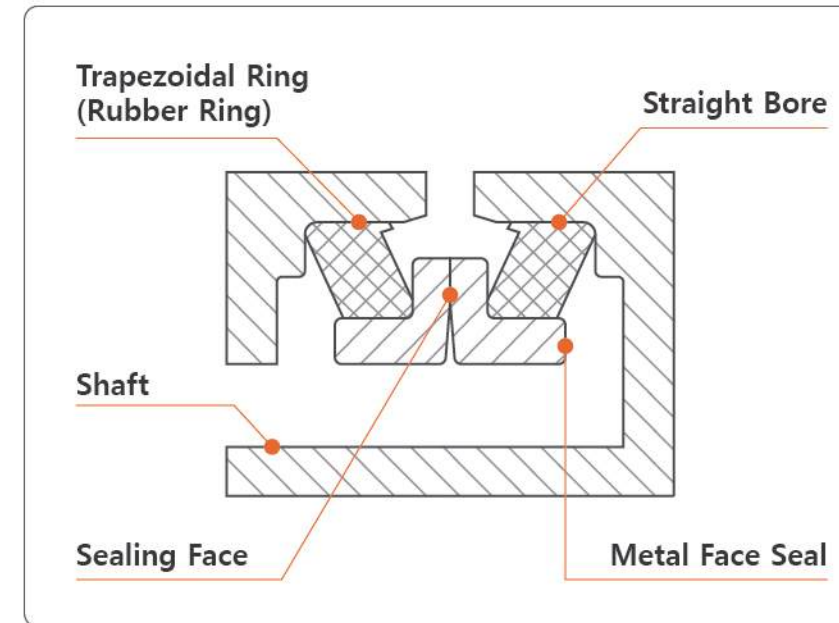
고무링의 바닥면



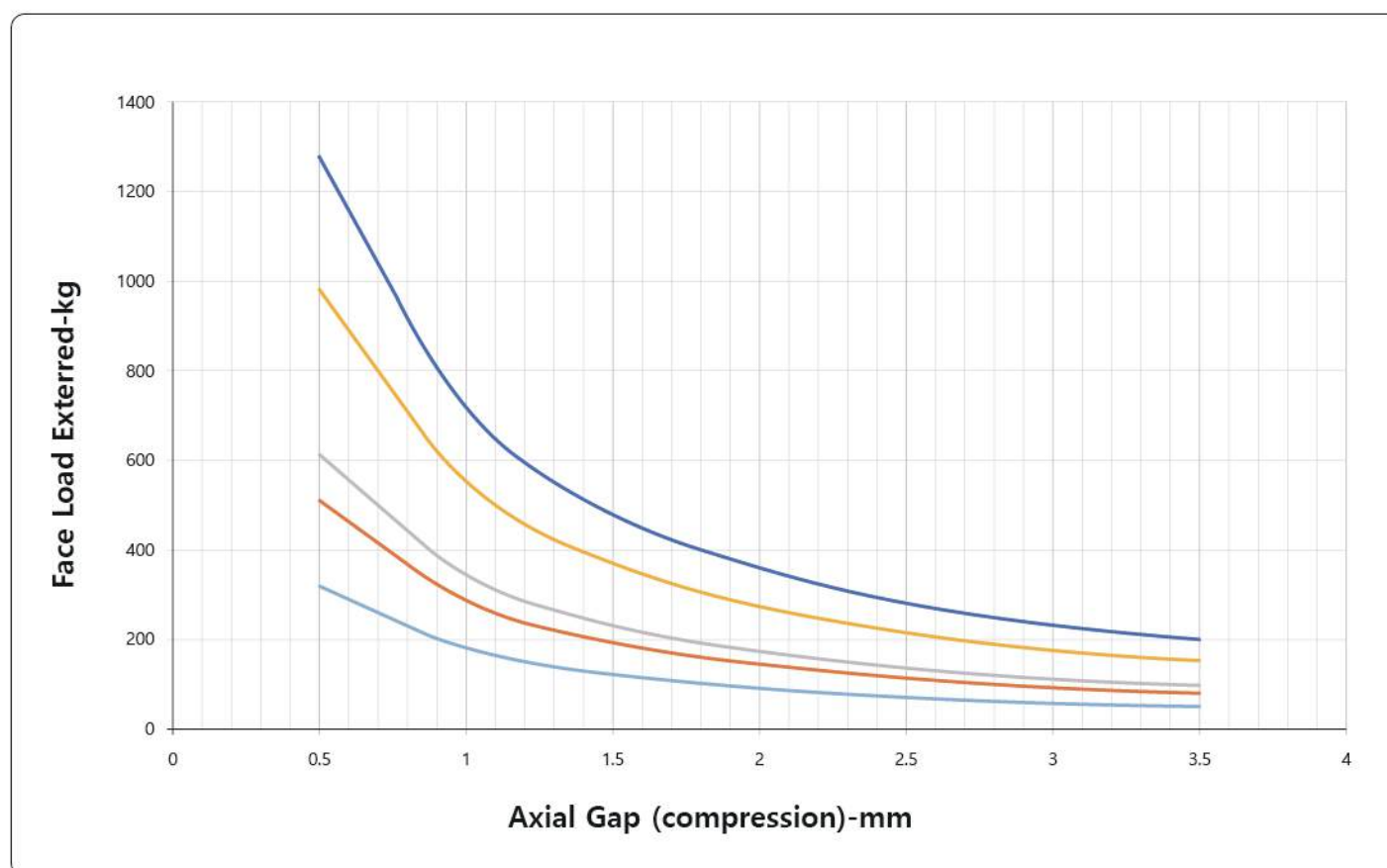
고무링의 상측면



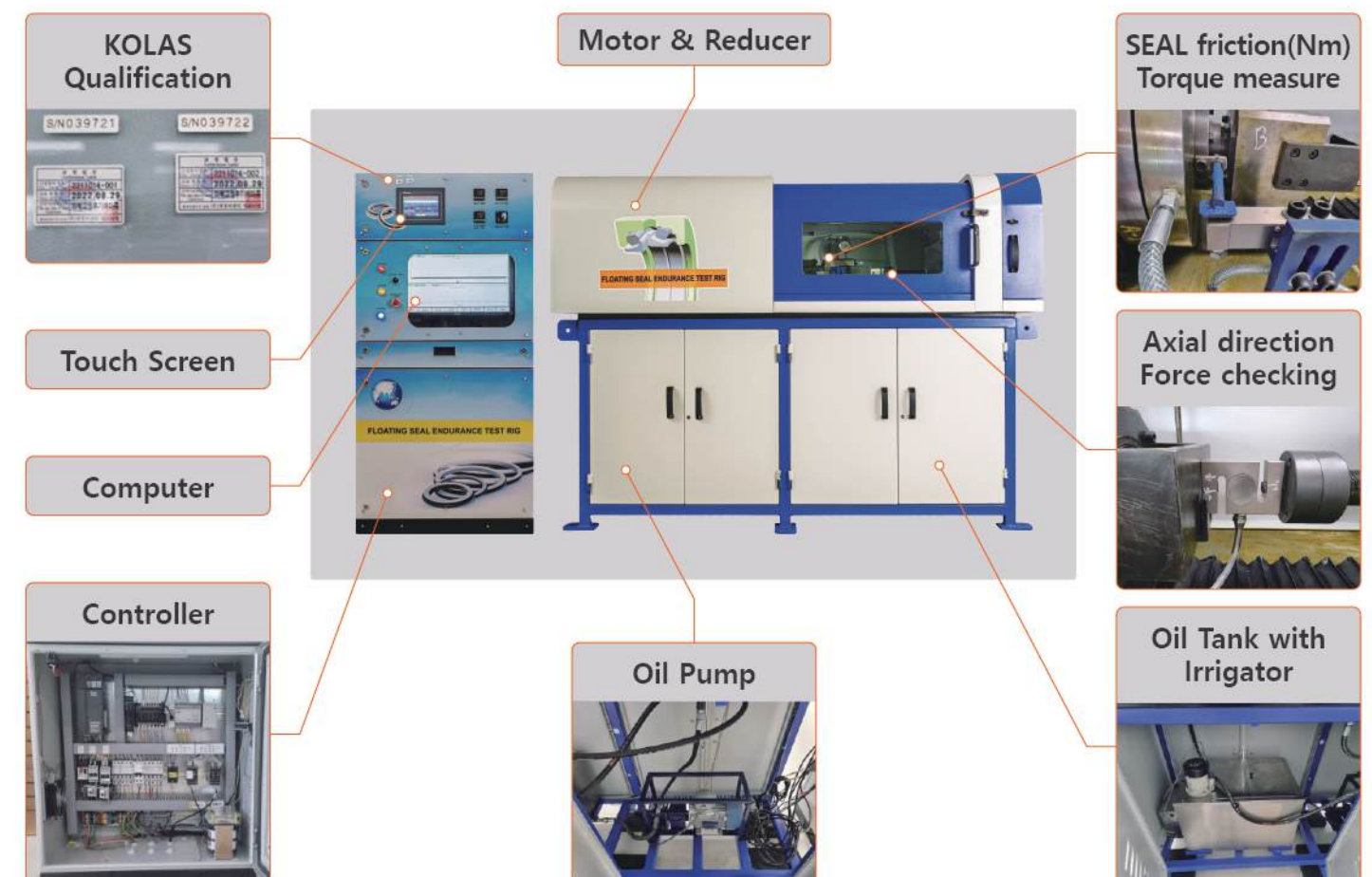
Installation Guidelines



Elastomer Load v/s Deflection Characteristics



Endurance Test Rig

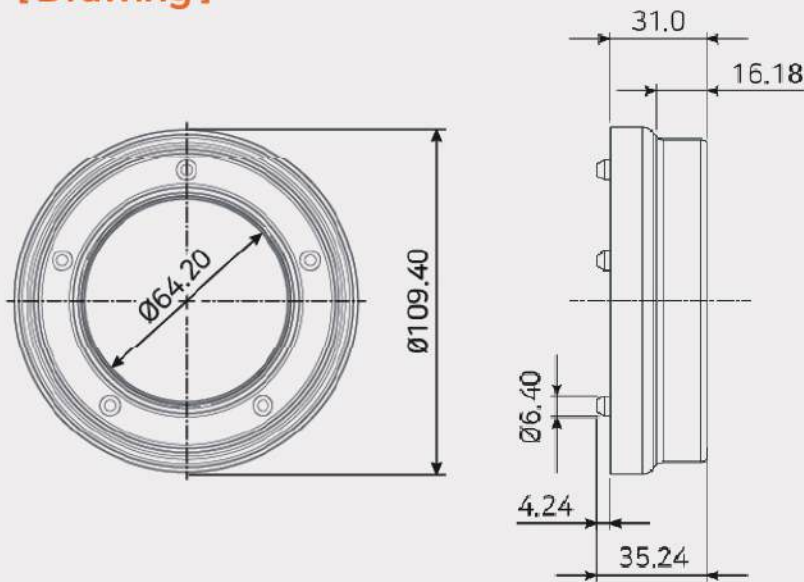


Plain Encased Seal (플레인 인케이스드 시일)

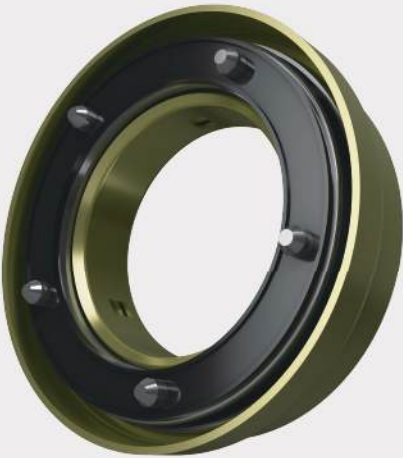
#2531 Plain Encased Seal

NSN : 5330-01-060-2531

[Drawing]

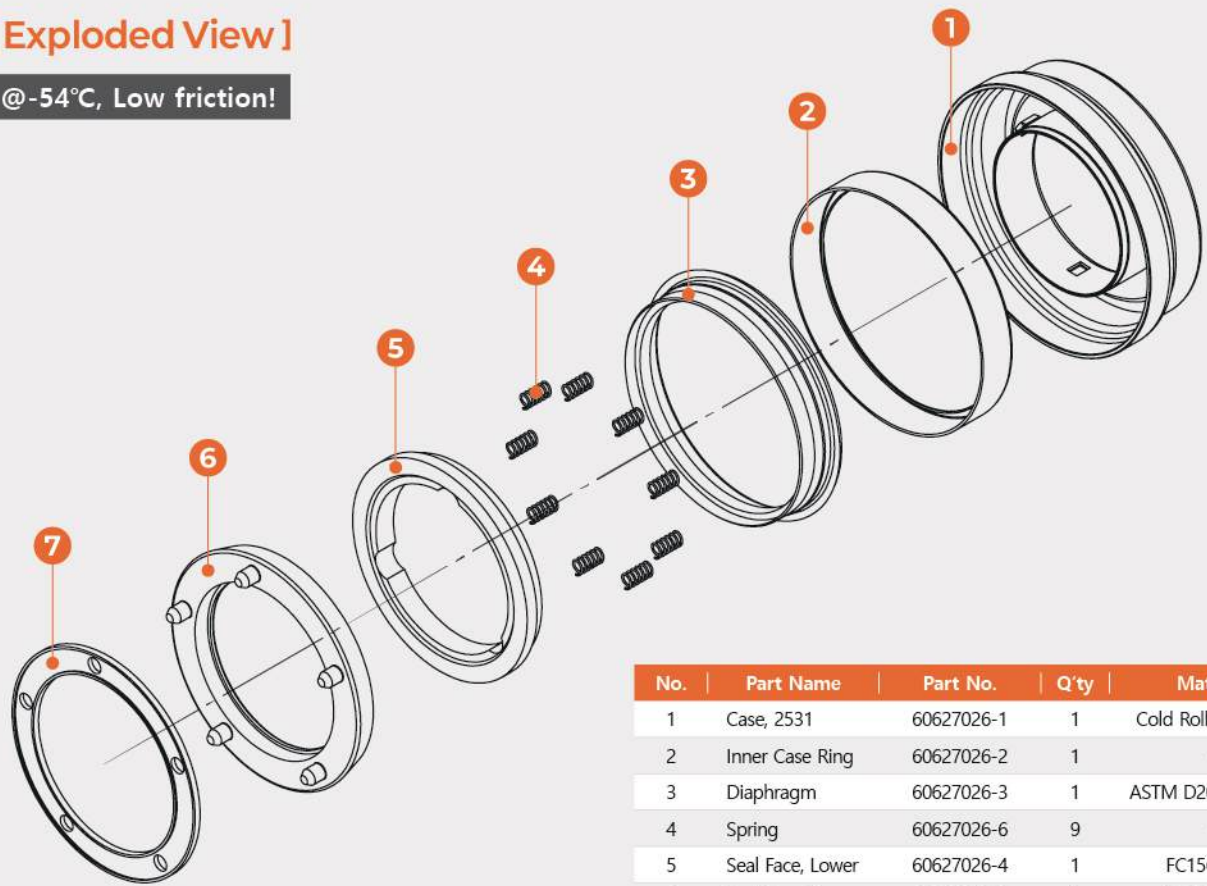


[3D View]



[Exploded View]

@-54°C, Low friction!



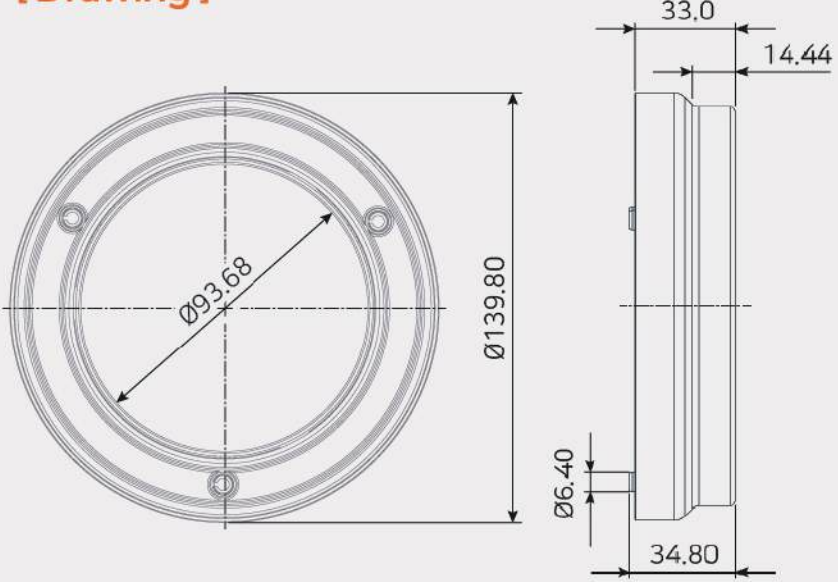
No.	Part Name	Part No.	Q'ty	Material
1	Case, 2531	60627026-1	1	Cold Rolled C Steel
2	Inner Case Ring	60627026-2	1	-
3	Diaphragm	60627026-3	1	ASTM D2000, Nitrille
4	Spring	60627026-6	9	-
5	Seal Face, Lower	60627026-4	1	FC15Cr3Mo
6	Seal Face, Upper	60627026-5	1	FC15Cr3Mo
7	Gasket, 2531	60627026-8	1	Rubber NBR
8	Grease		AR	MIL-G-10924

Plain Encased Seal (플레인 인케이스드 시일)

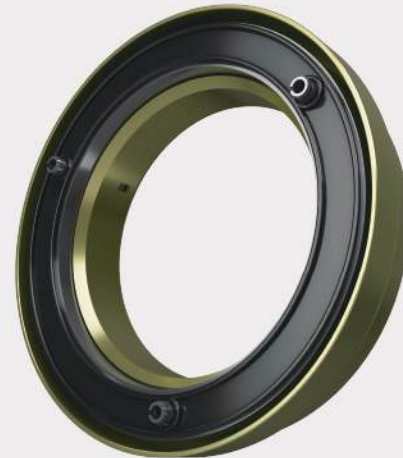
#9626 Plain Encased Seal

NSN : 5330-00-679-9626

[Drawing]

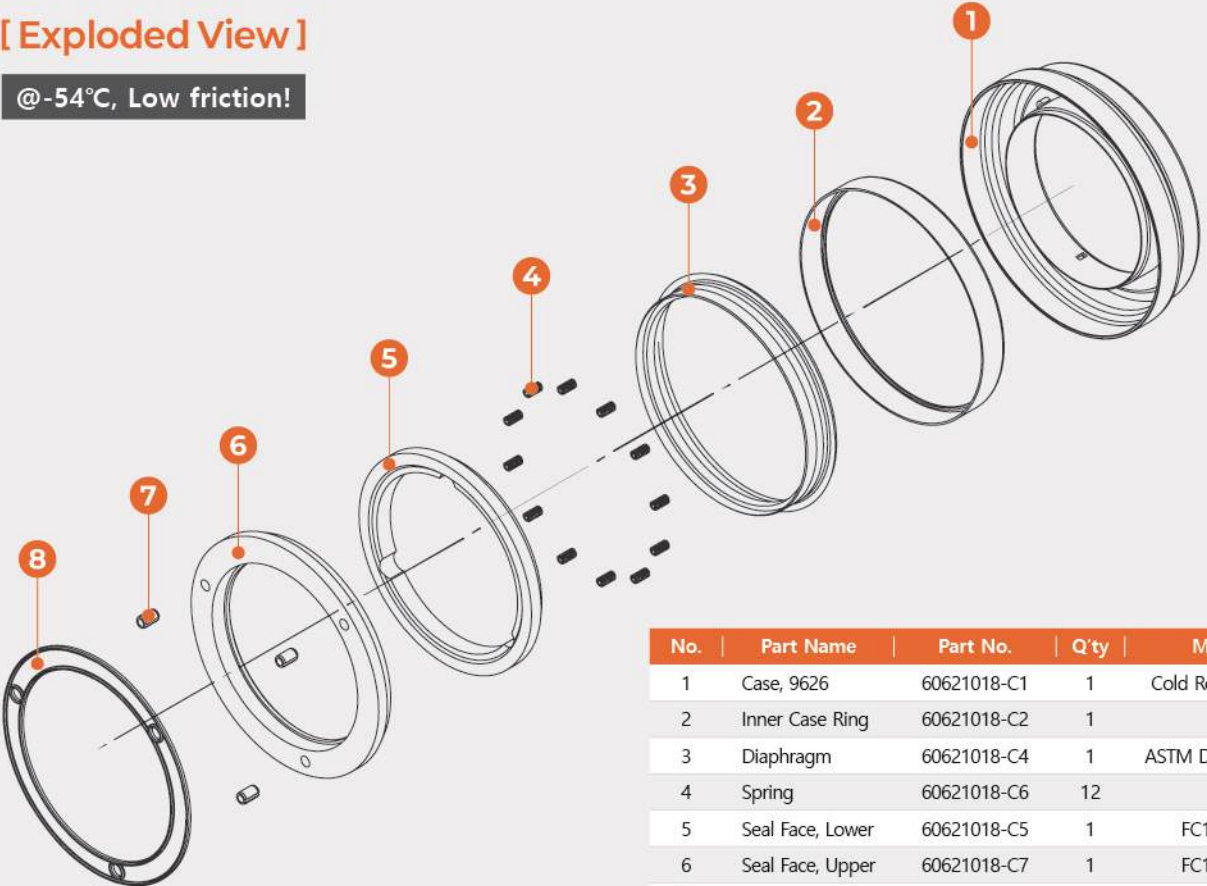


[3D View]



[Exploded View]

@-54°C, Low friction!



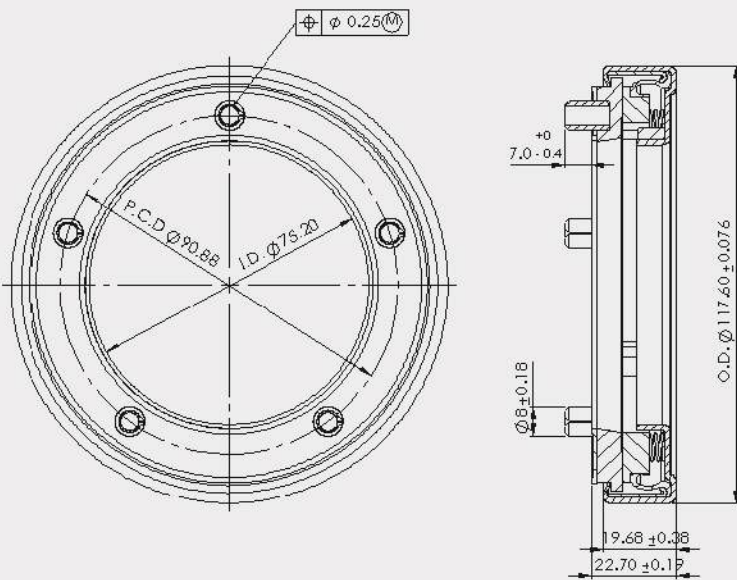
No.	Part Name	Part No.	Q'ty	Material
1	Case, 9626	60621018-C1	1	Cold Rolled C Steel
2	Inner Case Ring	60621018-C2	1	-
3	Diaphragm	60621018-C4	1	ASTM D2000, Nitrille
4	Spring	60621018-C6	12	-
5	Seal Face, Lower	60621018-C5	1	FC15Cr3Mo
6	Seal Face, Upper	60621018-C7	1	FC15Cr3Mo
7	Spring Pin	60621018-C8	3	-
8	Gasket	60621018-C3	1	Rubber NBR
9	Grease		AR	MIL-G-10924

Plain Encased Seal (플레인 인케이스드 시일)

#8208 Plain Encased Seal

NSN : 5330-01-202-8208 / 5330-00-801-6698

[Drawing]

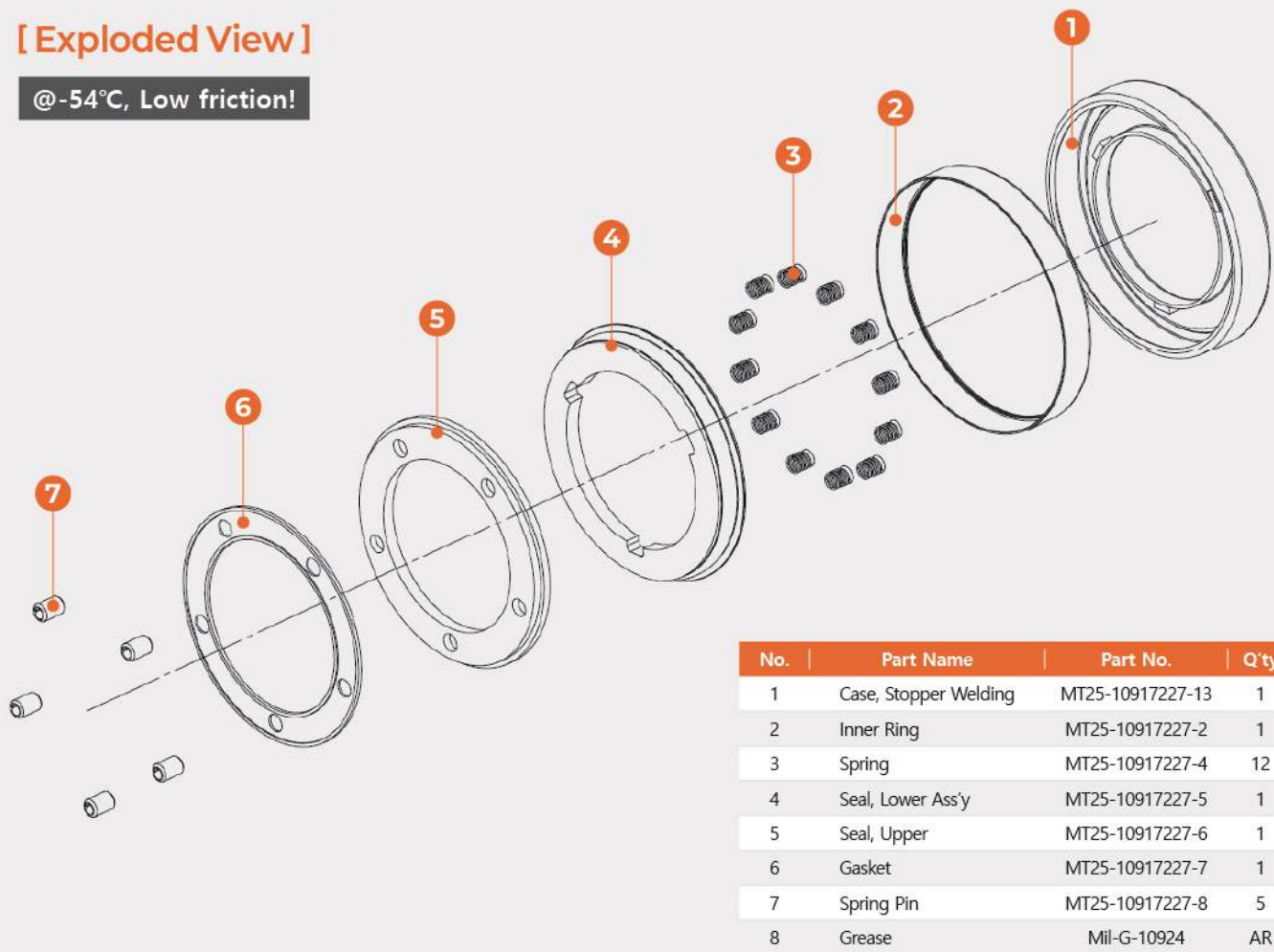


[3D View]



[Exploded View]

@-54°C, Low friction!

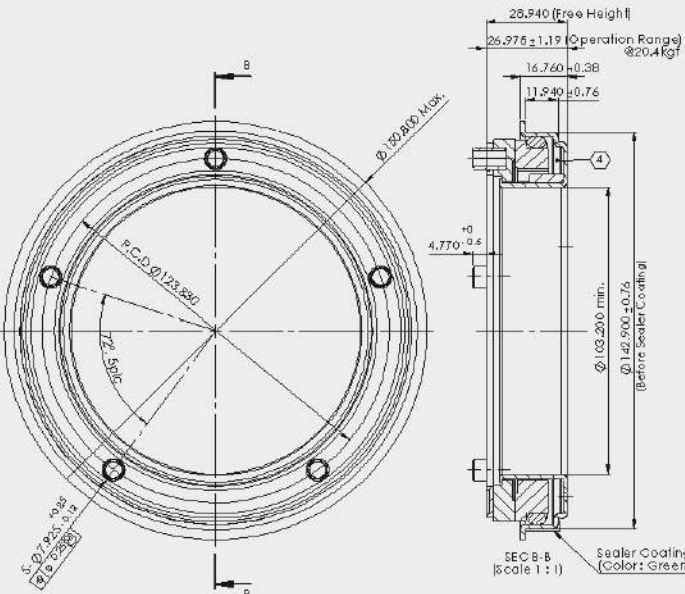


Plain Encased Seal (플레인 인케이스드 시일)

#5607 Plain Encased Seal

NSN : 5330-00-823-5607

[Drawing]

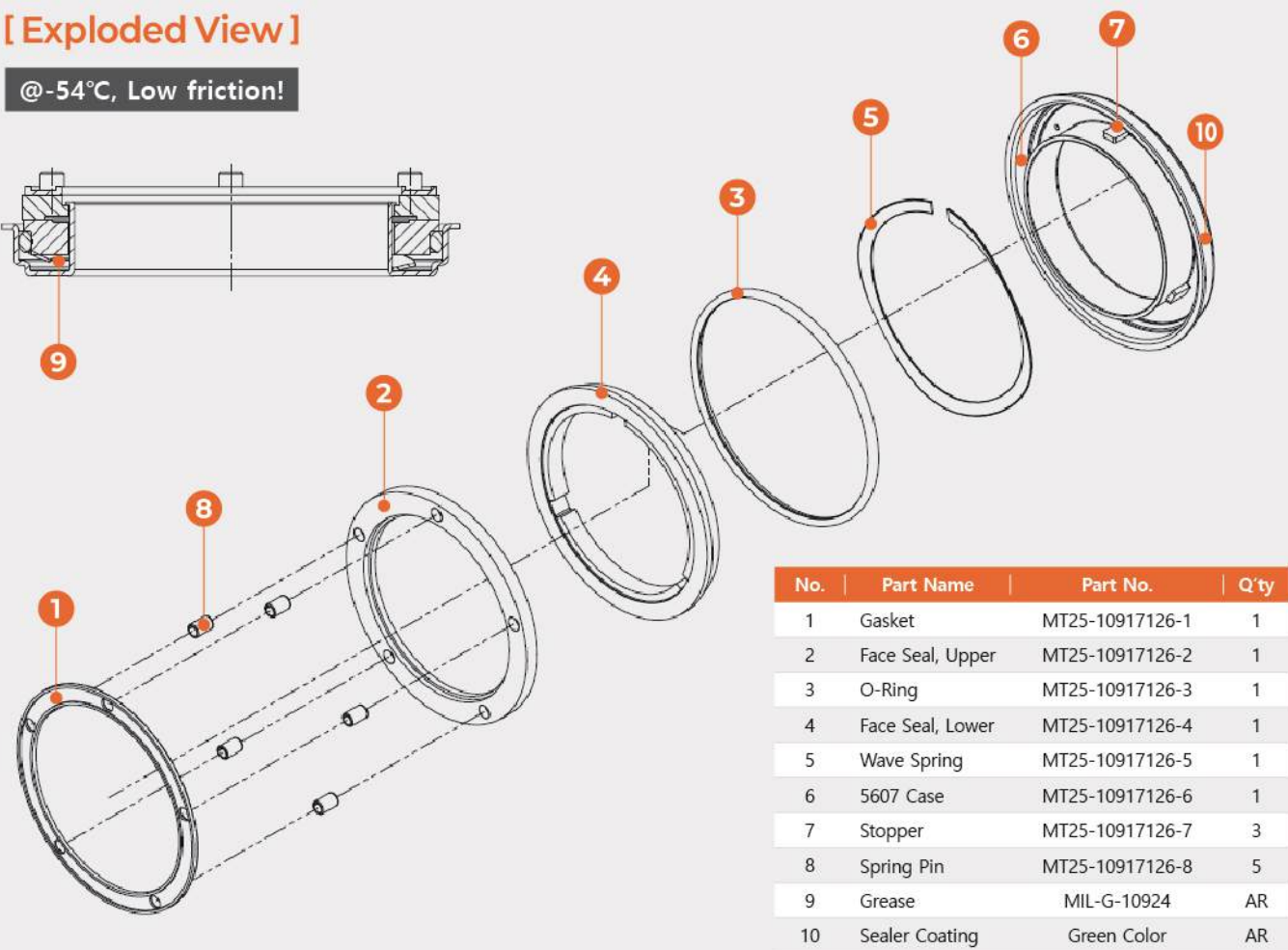


[3D View]



[Exploded View]

@-54°C, Low friction!

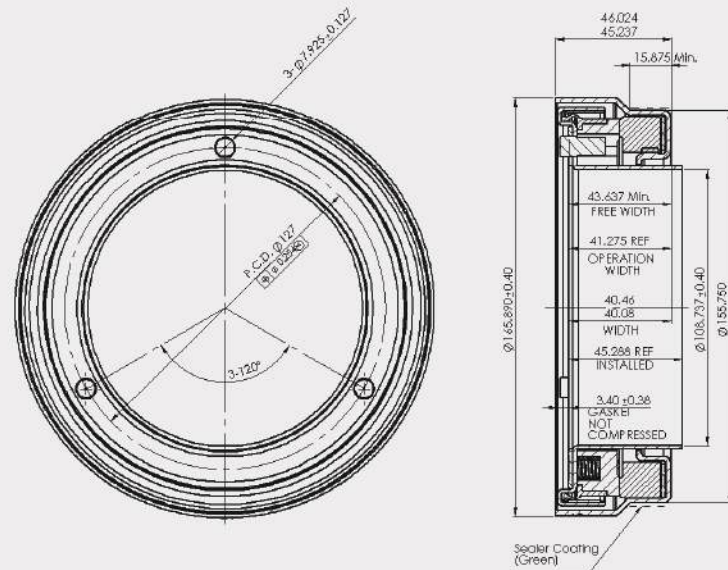


Plain Encased Seal (플레인 인케이스드 시일)

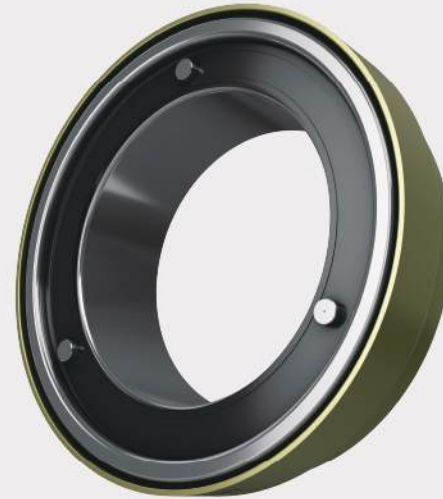
#2191 Plain Encased Seal

NSN : 5330-00-796-2191 / 4320-00-796-2191

[Drawing]

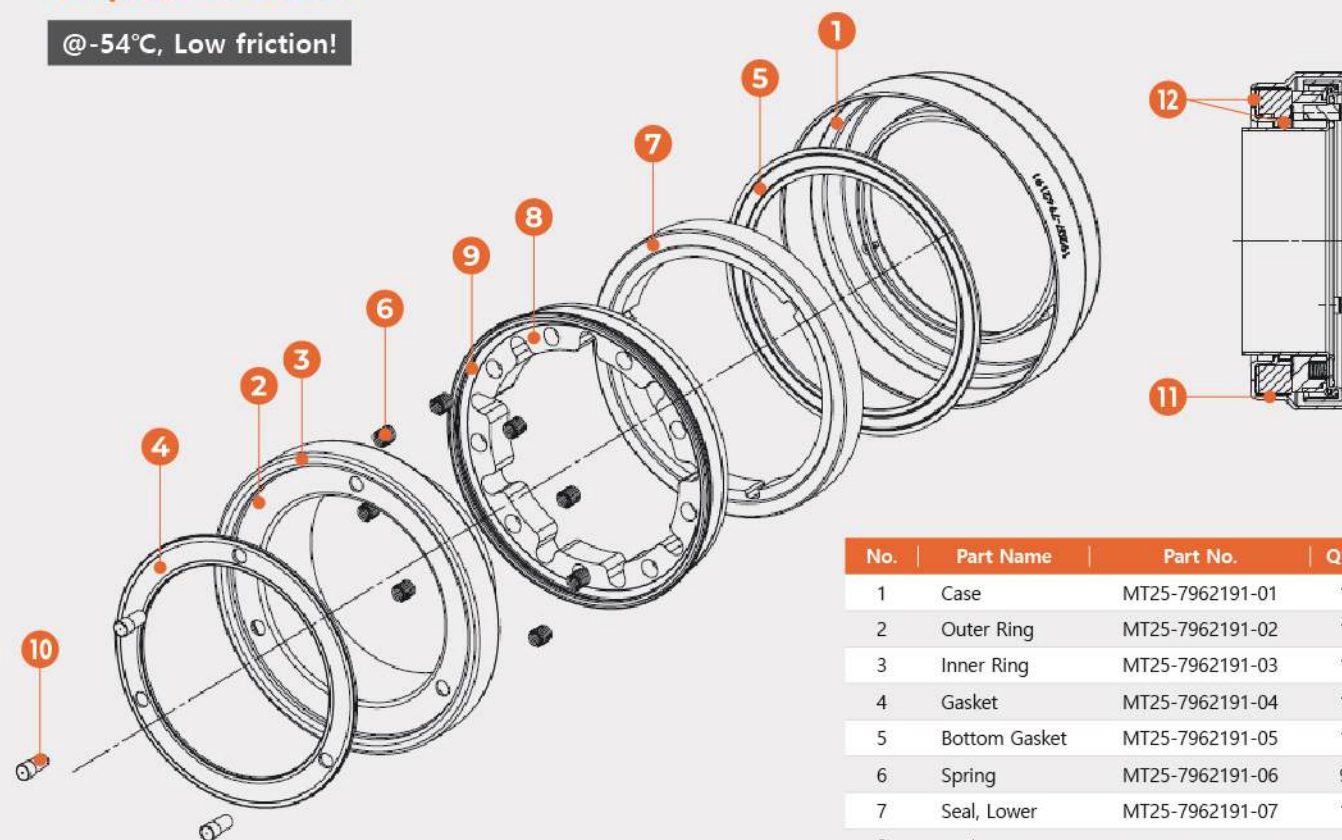


[3D View]



[Exploded View]

@-54°C, Low friction!



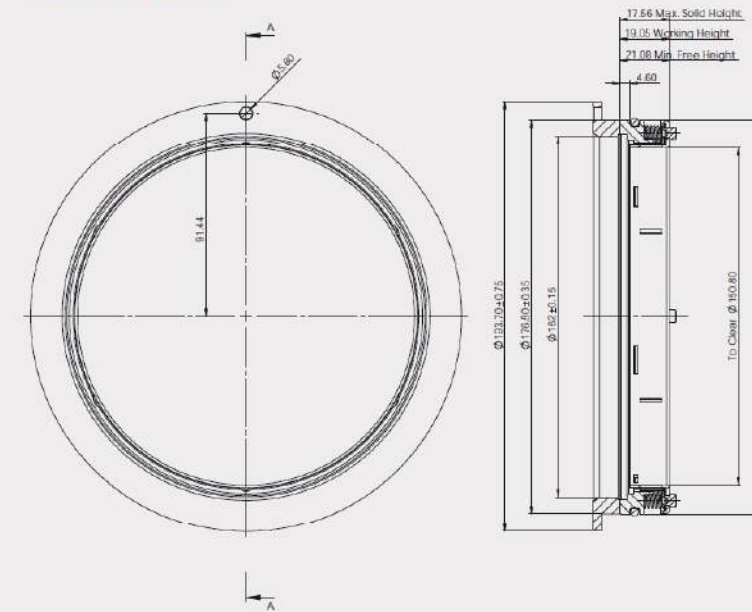
No.	Part Name	Part No.	Qty
1	Case	MT25-7962191-01	1
2	Outer Ring	MT25-7962191-02	1
3	Inner Ring	MT25-7962191-03	1
4	Gasket	MT25-7962191-04	1
5	Bottom Gasket	MT25-7962191-05	1
6	Spring	MT25-7962191-06	9
7	Seal, Lower	MT25-7962191-07	1
8	Seal, Upper	MT25-7962191-08	1
9	Diaphragm	MT25-7962191-09	1
10	Pin	MT25-7962191-10	3

Plain Encased Seal (플레인 인케이스트드 시일)

#7730 Seal Assembly (봉합재 조립체)

NSN : 2520-01-119-7730

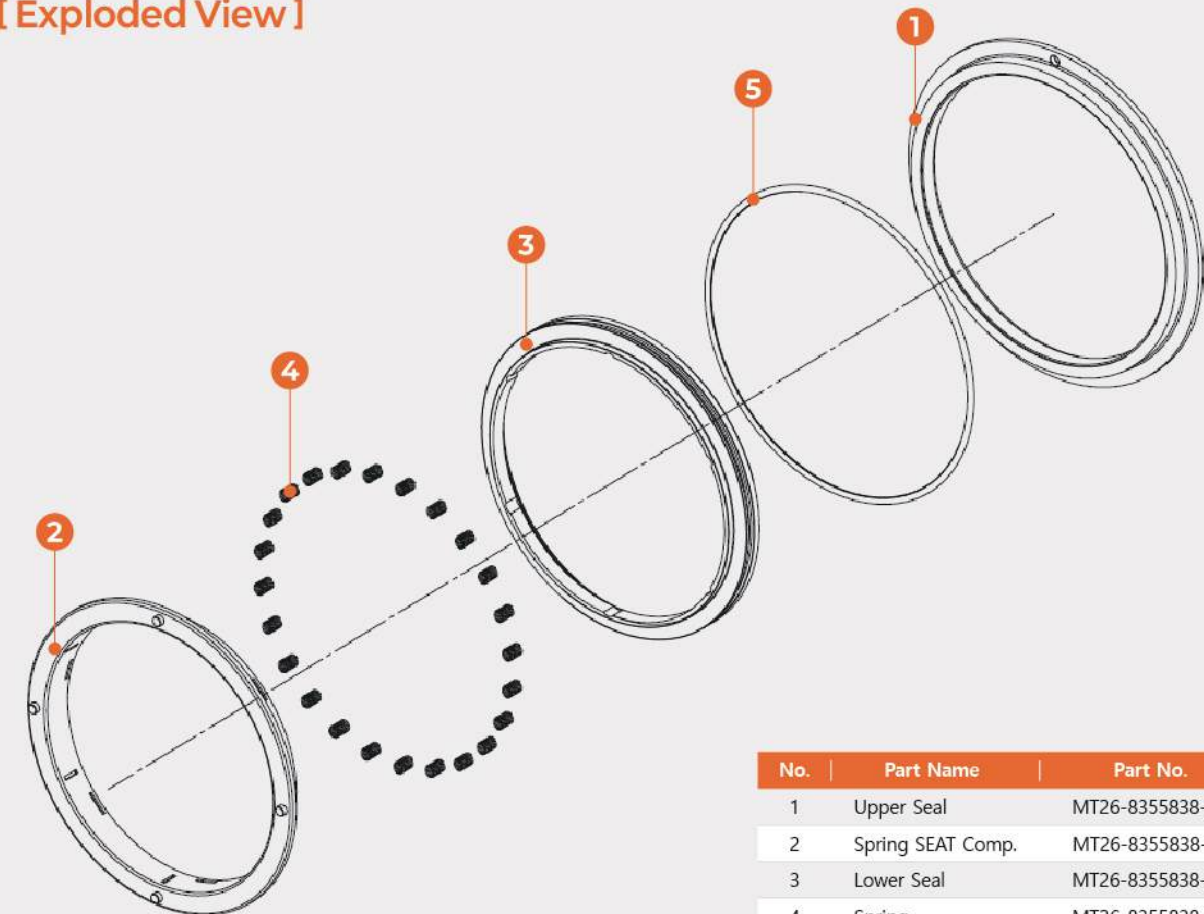
[Drawing]



[3D View]



[Exploded View]



No.	Part Name	Part No.	Q'ty
1	Upper Seal	MT26-8355838-C1	1
2	Spring SEAT Comp.	MT26-8355838-B1	1
3	Lower Seal	MT26-8355838-C3	1
4	Spring	MT26-8355838-C6	24
5	O-Ring, AN 261	MT26-8355838-C8	1