

Company Information



Location:

ERGOSEAL

346 Commerce Dr. · Carol Stream, IL 60188

Contact:

John Hilaris

{630} 462-9600 tel · {630} 462-3600 fax

ERGOSEAL

...is dedicated to producing the highest quality Mechanical Seals for Industrial, Marine and Aircraft applications.

Support Services:

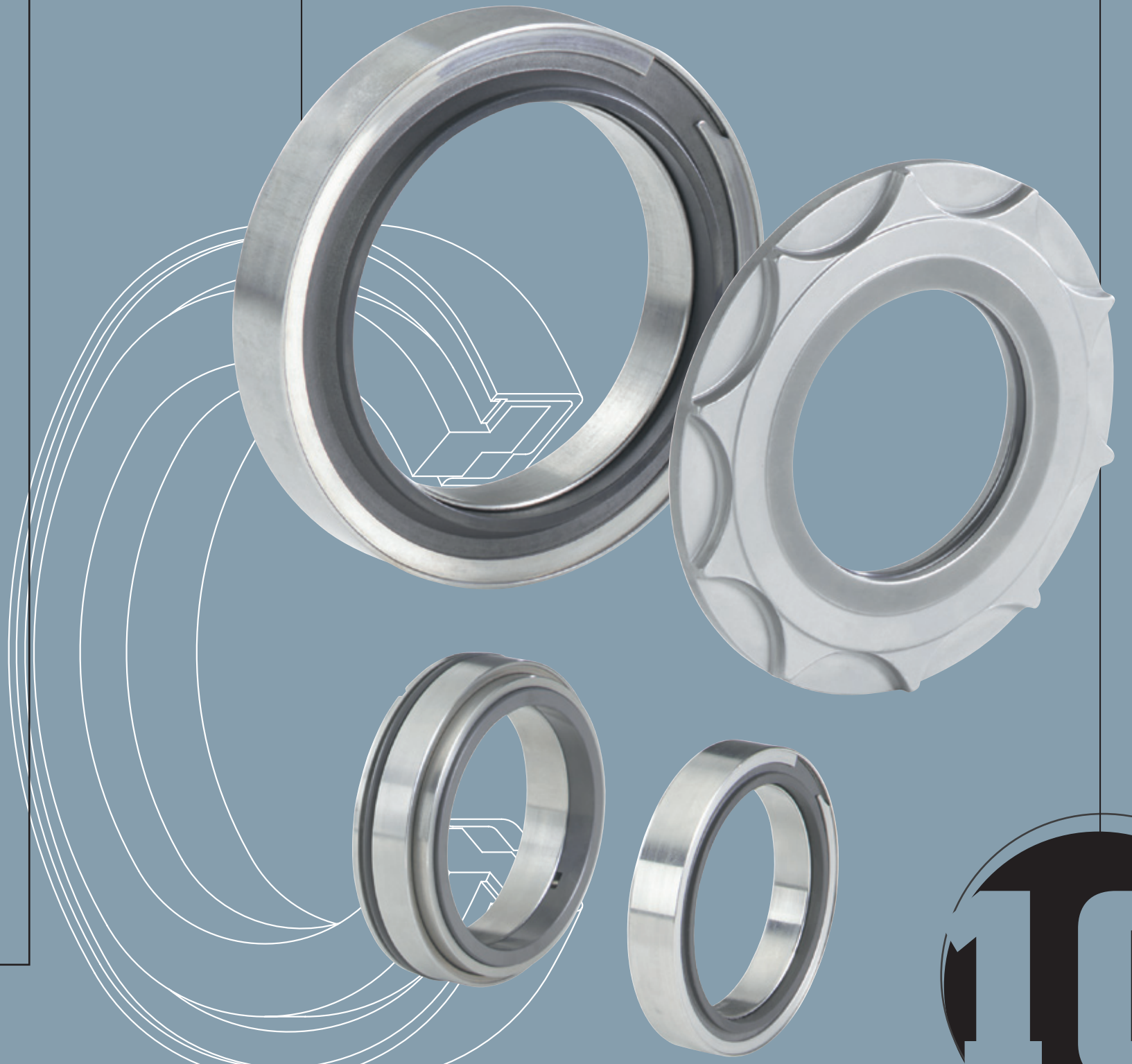
- Application engineering
- Functional analysis, related reports and recommendations for application improvements
- Seal repair and replacement services
- Ergoseal will maintain agreed upon inventories of special products when unpredictable emergency requirements frequently occur.
- Many more...

John A. Hilaris,
President and CEO



TYPE

ten



specs

type 10's

type 10

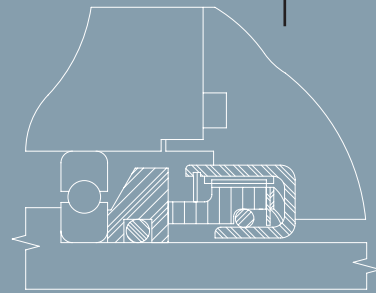
Description:
This is a stationary seal used for high speed applications. This seal can be balanced without having to undercut the shaft.

Typical Applications:
Gear boxes, Pumps, Compressors, Mixers

Performance Parameters:
Pressure:
350 psi O.D.
25 psi I.D.

Temperature:
Up to 500 °F

Speed:
20,000 sfpm



type 11

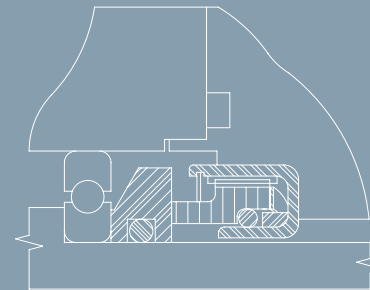
Description:
This is similar to a Type 10 seal, but includes a ferrule behind the "O-Ring" for I.D. Pressure.

Typical Applications:
Gear boxes, Pumps, Compressors, Mixers

Performance Parameters:
Pressure:
350 psi O.D.
25 psi I.D.

Temperature:
Up to 500 °F

Speed:
20,000 sfpm



type 14

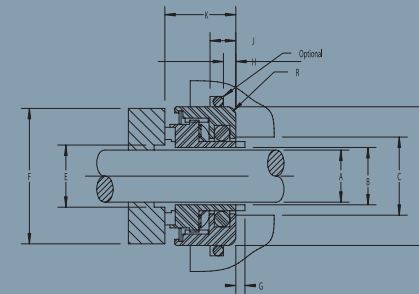
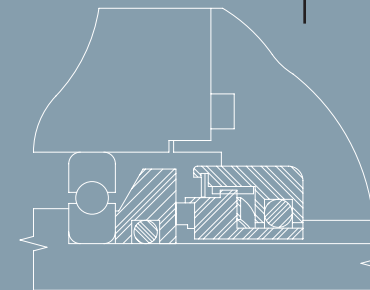
Description:
This stationary seal is used for high speed applications. This seal can be balanced without having to undercut the shaft.

Typical Applications:
Gear boxes, Pumps, Compressors, Mixers

Performance Parameters:
Pressure:
1200 psi O.D.
1000 psi I.D.

Temperature:
Up to 500 °F

Speed:
20,000 sfpm



type 18

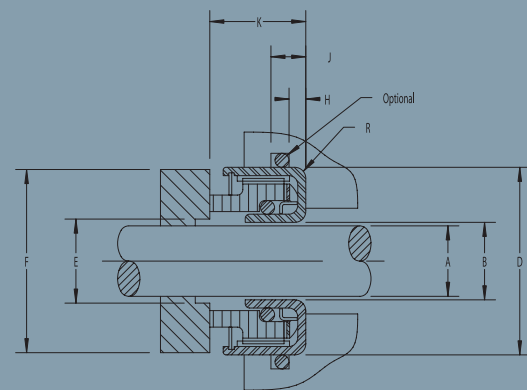
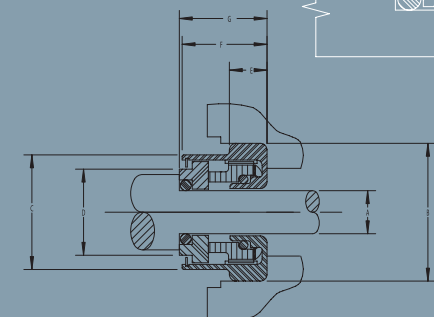
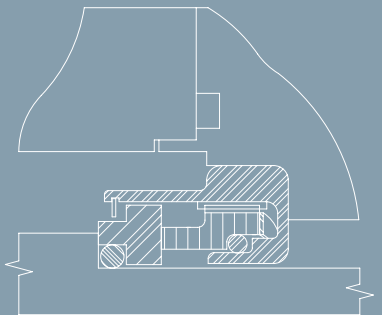
Description:
This is similar to a Type 10 seal, but includes a ferrule behind the "O-Ring" for I.D. Pressure.

Typical Applications:
Gear boxes, Pumps, Compressors, Mixers

Performance Parameters:
Pressure:
350 psi O.D.
250 psi I.D.

Temperature:
Up to 500 °F

Speed:
10,000 sfpm



Dash Size	A Shaft	B Seal ID (min)	C Clear (min)	D Housing +0.000 -0.002	E ID (max)	F OD (min)
-16	1.000	1.020	1.332	1.625	1.020	1.324
-18	1.125	1.155	1.457	1.750	1.080	1.450
-20	1.250	1.280	1.582	1.875	1.262	1.574
-22	1.375	1.405	1.751	2.062	1.413	1.726
-24	1.500	1.530	1.876	2.187	1.537	1.850
-26	1.625	1.655	2.001	2.312	1.663	1.976
-28	1.750	1.780	2.170	2.500	1.814	2.127
-30	1.875	1.905	2.295	2.625	1.940	2.253
-32	2.000	2.030	2.420	2.750	2.080	2.393
-34	2.125	2.165	2.598	2.937	2.197	2.574
-36	2.250	2.290	2.724	3.063	2.322	2.699
-38	2.375	2.415	2.849	3.187	2.447	2.824
-40	2.500	2.540	3.021	3.375	2.592	2.969
-42	2.625	2.665	3.146	3.500	2.717	3.094
-44	2.750	2.790	3.271	3.625	2.842	3.219
-46	2.875	2.915	3.441	3.813	2.994	3.371
-48	3.000	3.040	3.566	3.938	3.119	3.496
-50	3.125	3.165	3.692	4.063	3.244	3.644
-52	3.250	3.290	3.863	4.250	3.364	3.805
-54	3.375	3.415	3.989	4.375	3.489	3.931
-56	3.500	3.540	4.113	4.500	3.614	4.055
-58	3.625	3.665	4.285	4.688	3.769	4.210
-60	3.750	3.790	4.410	4.813	3.894	4.335
-62	3.875	3.915	4.535	4.938	4.019	4.460

G Extension (Max)	H*	J	K Op Height Short Series	K Op Height Long Series	R
0.050	0.070	0.255	0.531	0.656	0.040
0.050	0.070	0.255	0.531	0.656	0.040
0.050	0.070	0.255	0.531	0.656	0.040
0.050	0.070	0.260	0.563	0.688	0.040
0.050	0.070	0.260	0.563	0.688	0.040
0.050	0.070	0.260	0.563	0.688	0.040
0.050	0.070	0.285	0.593	0.750	0.040
0.050	0.070	0.285	0.593	0.750	0.040
0.050	0.070	0.285	0.593	0.750	0.040
0.050	0.070	0.356	0.750	0.938	0.040
0.050	0.070	0.356	0.750	0.938	0.040
0.050	0.070	0.356	0.750	0.938	0.040
0.050	0.070	0.372	0.813	0.968	0.040
0.050	0.070	0.372	0.813	0.968	0.040
0.050	0.070	0.372	0.813	0.968	0.040
0.050	0.070	0.390	0.875	1.062	0.040
0.050	0.070	0.390	0.875	1.062	0.040
0.050	0.070	0.390	0.875	1.062	0.040
0.050	0.070	0.405	0.875	1.062	0.040
0.050	0.070	0.405	0.875	1.062	0.040
0.050	0.070	0.405	0.875	1.062	0.040
0.050	0.070	0.421	0.875	1.062	0.040
0.050	0.070	0.421	0.875	1.062	0.040
0.050	0.070	0.421	0.875	1.062	0.040

Dash Size	A Shaft	B Bore +0.000 -0.002	C ±.015	D ±.005	E ±.015	F ±.015	F Op Ht. ±.032
-16	1.000	1.812	1.625	1.375	0.313	0.625	1.324
-18	1.125	2.125	1.875	1.598	0.344	0.688	1.450
-20	1.250	2.250	2.000	1.719	0.344	0.688	1.574
-22	1.375	2.500	2.250	1.969	0.375	0.750	1.726
-24	1.500	2.500	2.250	1.969	0.375	0.750	1.850
-26	1.625	2.625	2.375	2.094	0.375	0.750	1.976
-28	1.750	2.750	2.500	2.219	0.375	0.750	2.127
-30	1.875	2.875	2.625	2.344	0.375	0.750	2.253
-32	2.000	3.250	3.000	2.625	0.375	0.750	2.393
-34	2.125	3.500	3.250	2.875	0.406	0.813	2.574
-36	2.250	3.500	3.250	2.875	0.406	0.813	2.699
-38	2.375	3.750	3.500	3.125	0.406	0.813	2.824
-40	2.500	3.750	3.500	3.125	0.406	0.813	2.969
-42	2.625	4.000	3.750	3.375	0.438	0.875	3.094
-44	2.750	4.000	3.750	3.375	0.438	0.875	3.219
-46	2.875	4.500	4.188	3.781	0.438	0.875	3.371
-48	3.000	4.500	4.188	3.781	0.438	0.875	3.496
-50	3.125	4.750	4.438	4.031	0.438	0.938	3.644
-52	3.250	4.750	4.438	4.031	0.438	0.938	3.805
-54	3.375	5.000	4.688	4.281	0.438	0.938	3.931
-56	3.500	5.000	4.688	4.281	0.438	0.938	4.055
-58	3.625	5.250	4.938	4.531	0.438	0.938	4.210
-60	3.750	5.250	4.938	4.531	0.438	0.938	4.335
-62	3.875	5.500	5.188	4.781	0.438	0.938	4.460

