



MAGNUM-D

EASY FLEX

**WASH DOWN RESISTANT
CARTRIDGE BEARING SEAL**



Seal your electric motors and power frames with **ISOMAG** seals. **Magnum-D** seals are optimized to **prevent water intrusion** from heavy wash down by high-pressure washers and other contaminants.

Greased and oil lubricated rotating equipment can now have **waterproof** seals that will **last for years** and not wear the equipment shaft.

Extending bearing life can mean real savings to your maintenance budget.

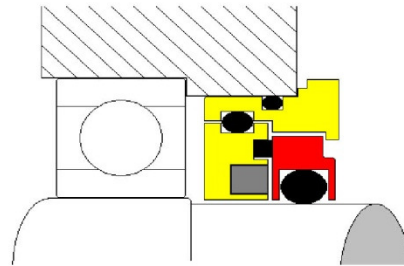
All **ISOMAG** cartridge seals feature our **patented controlled range magnetic sealing** faces that correctly sets the seal forever. This no worry feature keeps the seal working properly when the shaft is adjusted.

All **ISOMAG** seals are lapped flat face magnetic seals that provide maximum long-term sealing and **increased equipment life**. They are designed to completely seal your electric motor, power frame, gearbox, turbine, blower and more.

The **MAGNUM-D** features all metal primary construction and a very short axial length. It is also self-purging when used in greased applications. Like all **ISOMAG MAGNUM** seals it works as a compact one-piece unit that installs as easily as a lip seal.

MAGNUM-D cartridge seals have **EASY FLEX** magnetically aligning faces. This increased flexibility allows Magnum seals to handle higher shaft speeds, more misalignment and more applications.

We **fit more sizes and types of equipment** than any other flat face bearing seal.



MAGNUM-D

EASY FLEX

U.S. Patents
5,730,447
6,805,358



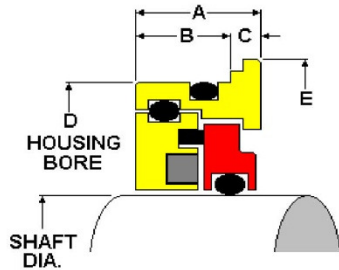


DURABLE BY DESIGN

MAGNUM-D

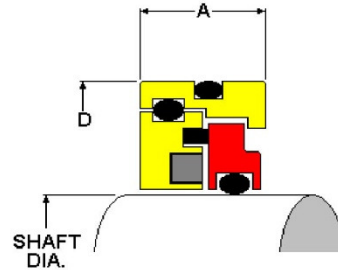
EASY FLEX

WASH DOWN RESISTANT
CARTRIDGE BEARING SEAL



STANDARD FLANGED SEAL

**AVAILABLE
TO FIT ANY
SHAFT SIZE
3/4" to 8"**



STANDARD NON-FLANGED SEAL

STANDARD DIMENSIONS INCH SIZE SEALS

SHAFT DIA.	A	B	C	D MIN BORE DIA.	E DIA.
.745" to 2.005"	.500	.375	.125	SHAFT DIA. +1.000	D + .200
2.006" to 2.880"	.540	.375	.165	SHAFT DIA. +1.000	D + .200
2.881" to 4.005"	.725	.500	.225	SHAFT DIA. +1.250	D + .250
4.006" to 8.000"	.800	.625	.175	SHAFT DIA. +1.500	D + .250

STANDARD DIMENSIONS METRIC SIZE SEALS

SHAFT DIA.	A	B	C	D MIN BORE DIA.	E DIA.
19 to 50mm	12.7	9.5	3.2	SHAFT DIA. +25.0	D + 5.1
51 to 73mm	13.7	9.5	4.2	SHAFT DIA. +25.0	D + 5.1
74 to 101mm	18.4	12.7	5.7	SHAFT DIA. +32.0	D + 6.4
101 to 200mm	20.3	15.9	4.4	SHAFT DIA. +38.0	D + 6.4

SPECIFICATIONS

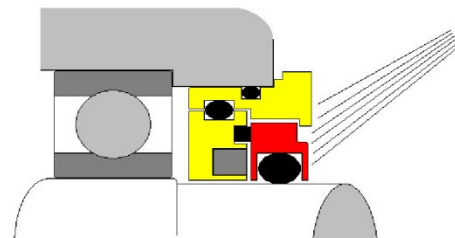
Rotary face:	Heat treated 17-4ph	Temperature:	All materials rated to 300 F
Stationary face:	TFE composite	Pressure:	5 psi
Primary metal construction:	660 bronze std.	Speed lubricated:	Standard seals up to 3,800 fpm
Elastomers:	Viton std.	Speed dry:	Standard seals up to 2,000 fpm
Magnets:	Samarium cobalt rated to 450 F		

MAXIMUM RATINGS

SEAL SELECTION CHART

APPLICATION	MAG-C	MAG-D	MAG-G	MAG-S
HIGH SPEED	2	2	3	1
HIGH VISCOSITY	2	2	1	3
OIL FLOODED	2	2	1	1
OIL SPLASH	1	1	1	1
OIL MIST	1	1	3	1
GREASE	1	1	1	2
HORIZONTAL	1	1	1	1
VERTICAL UP	1	1	3	3
VERTICAL DOWN	3	3	1	1
DUSTY ENVIRONMENT	1	1	2	2
HEAVY WASH DOWN	2	1	2	3

1 - Best 2 - Good 3 - Not Recommended



HANDLES HEAVY
WASH DOWN



bekaert seals
PUMPING & MIXING

