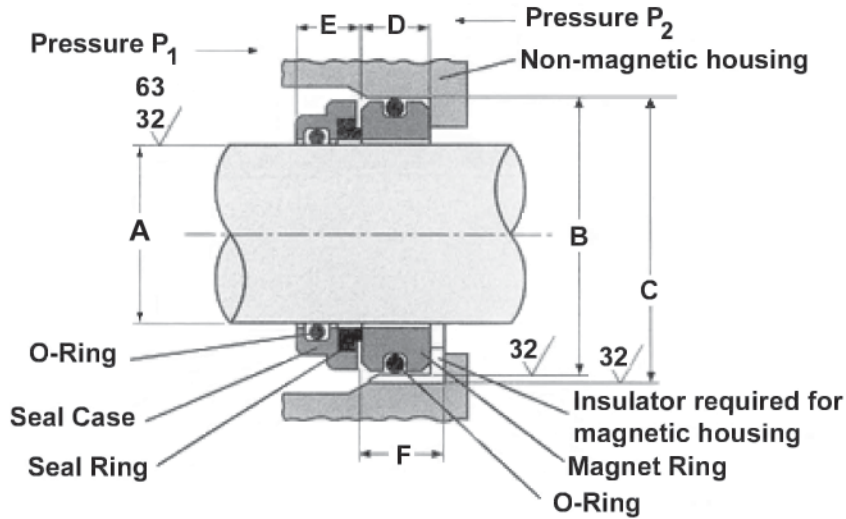


Frictionless Magnetic Seals

Please note that Model 10 is a standard Magseal configuration and is used here for illustrative purposes only. Motorsports designs are typically custom-engineered to meet application requirements.



Model 10 - Low Pressure - For use in most applications. Sealing pressure less than 50 PSI depending on size and operating conditions

Model 10 Magseals can be manufactured for shafts up to 5 inches in diameter. consult factory for information.

Note: Magseals cannot be ordered by size alone. Even in standard configurations material must be matched to the fluids involved. Please contact our Engineering Department at the earliest practical time during your project, and we will design a seal with materials and features suited to your operating conditions.

Other Important Parameters...

	STANDARD MODEL 10	SPECIAL DESIGN
Maximum housing-bore fillet radius	Up to size 10-40: .005" Size 10-42 and up: .010"	Consult Engineering Dept.
Maximum axial shaft movement (endplay)	.010"	.030"
Maximum radial shaft movement (eccentricity)	.005"	.015" or more
Maximum forward pressure $P = P_1 - P_2$	~50 PSID	Consult Engineering Dept.
Maximum reverse pressure $P = P_2 - P_1$	2 PSID	Consult Engineering Dept.
Shaft surface finish limitations (O-ring position)	Between 32 and 63μ in R_a	Between 32 and 63μ in R_a
Housing-bore or insulator surface finish limitation (O-ring position)	32μ in R_a (maximum)	32μ in R_a (maximum)