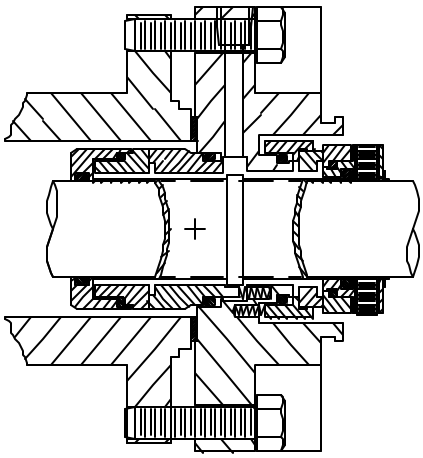
DELTA DOUBLE CARTRIDGE SEAL

STYLE 3200



APPLICATION DATA

Shaft speed: To 3600 RPM
Pressure: Vacuum to 400 PSI
Temperature: See O-ring limitations

MATERIALS

Metal Parts: 316SS, Alloy 20, Hastelloy “C”, Titanium
Springs: Hastelloy "C"
Faces: Carbon/Sintered Silicon Carbide/Tungsten Carbide in combination
Elastomers: Viton, EPR, Kalrez, Aflas, Teflon

FEATURES

Deltas’ new global, modular design provides the most advanced, flexible, reliable general service seal available to industry, accommodating 90% of applications encountered world wide.

Rugged, heavy duty gland castings eliminate distortion related failures typically encountered on competitors "low cost, light duty gland designs".

Double balanced, stationary design can be operated in double mode (barrier fluid pressure higher than stuffing box pressure) or tandem mode (barrier fluid pressure lower than stuffing box pressure) and accommodate pressure reversals at the inboard faces.

Self venting, bi-directional barrier fluid connections accommodate shaft rotations in either direction on horizontal and vertically mounted equipment.

Optional cost effective corrosive service design variation utilizes an exotic metal insert in gland (Titanium, Hastelloy "B", "C", etc).

Interchangeable faces enable application customization, resulting in stable, secure sealing, accommodating the widest range of operating conditions and applications in industry. Choose from:

- **Monolithic, one piece face designs** that provide unparalled face stability under fluctuating system operating conditions, resulting in superior emission control capabilities.

- **Two piece face designs** that assure optimum seal performance for the most challenging, demanding environments where one piece face construction is vulnerable to premature failure.

Rotary inboard faces stabilized under compression are flexibly mounted utilizing o-rings for their shock and vibration absorption qualities. This eliminates premature failures associated with other designs that utilize o-rings on their face I.D.; placing the face in tension, many times resulting in catastrophic failure.

Balanced stationary cartridge design utilizes all static o-rings, which eliminates damage to the pump shaft/sleeve or seal normally caused by rotary pusher component or pusher cartridge type seals, allowing use of solid pump shafts which minimize deflection.

Positive hold, metal centering clips center the seal in both the axial and radial directions.

Choose from spare parts kits for field repairability or optional factory repair program. State of the art, "User Friendly" design technology utilizes the least number of components and costly o-rings, simplifying field repairability, resulting in the "Lowest cost sealing program in industry".

All seals are pressure tested at the factory assuring 100% sealability during startup.

Optional Features:

- 2 Piece Stationary head design

***Distributed By*:**

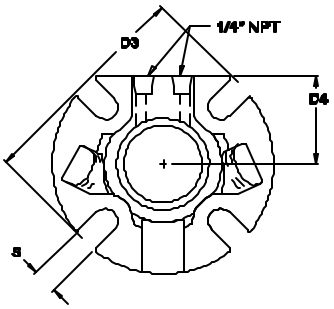
(Phone)
(Fax)

***Manufactured By*:** Delta Mechanical Seals
44 Probber Lane
Fall River, MA 02720
508-324-4032 (Phone)
508-324-4339 (Fax)

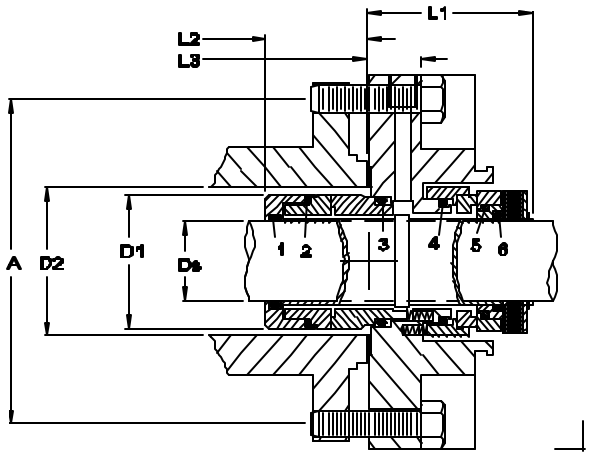
©1997 Delta Mechanical Seals. All rights reserved.
Patent Pending

Dimensional Data For Delta Seal Style 3200

Front View

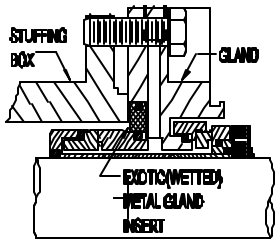


Side View



Optional Gland Feature

Optional exotic metal gland insert for corrosive envoronments. (Hastelloy “C”, “B”, Titanium, etc.)



DS Seal Size	D1 Sleeve OD	D2 Min	D2 Max	D3 Gland OD	D4 Gland Flat	A Min. Bolt Circle by Stud Size				S Slot Width	L1 Outside Length	L2 Inside Length	L3 Gland Length
						3/8”	1/2”	5/8”	3/4”				

Distributed By:

(Phone)

(Fax)

Manufactured By:

Delta Mechanical Seals
44 Probber Lane
Fall River, MA 02720
508-324-4032 (Phone)
508-324-4339 (Fax)

©1997 Delta Mechanical Seals. All rights reserved. Patent Pending