

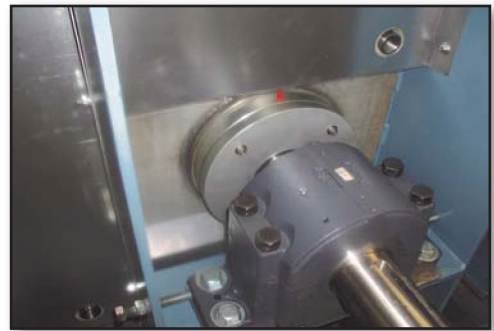


OFX Split Shaft Seal

It's a Cinch to seal leaks...

BENEFITS OF CINCHSEAL:

- Eliminates chronic leaks and product loss
- Does not damage rotating shafts
- Reduces maintenance costs and unscheduled downtime
- Accepts shaft runout and thermal growth
- Designed to accept repair kit
- Conforms to existing bolt patterns
- Housings constructed of Anodized Aluminum
- Seals toxic vapors



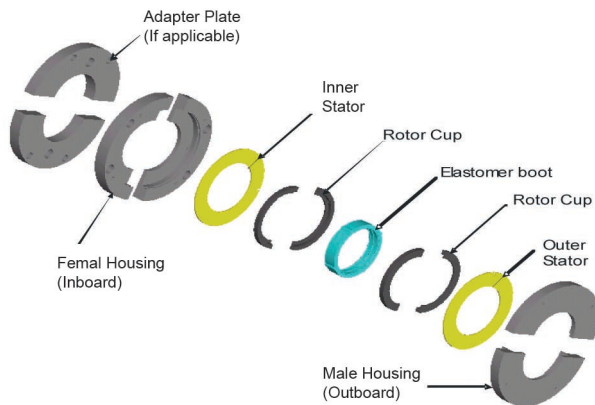
The OFX fully split CinchSeal is an air purged rotary shaft seal that is suitable for food applications and is ideal for mixers that process dry and slurry mixes where frequent product changes and washdowns are required. The split design enables trouble free cleaning and sanitizing between batches, and allows for easy installation directly on the shaft without the removal of existing equipment.



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Exploded view of CinchSeal OFX



How the OFX Works

The key component of the OFX seal is our elastomer boot that is molded slightly smaller than the shaft size which creates an interference fit that protects the shaft from abrasion damage while also sealing the shaft by stopping material from migrating down it. The boot turns with the shaft and drives and spins the Teflon hard coated aluminum rotor cups against the wearable stator plates, which forms a seal interface perpendicular to the shaft. The rotors can accommodate 1/4 inch total shaft runout without affecting the seal between the two faces. The seal is purged with 5 to 7 PSI of air to cool the rotating faces, create pressure to keep the faces together, and it creates a higher positive pressure in the seal cavity which acts as an air barrier to keep material from leaking. The OFX will give you many years of service before a rebuild kit will be required.

APPLICATIONS

The CinchSeal OFX is proven effective in sealing ribbon blenders and paddle mixers used in processing dry powder, semi-solid and slurry applications. Among the particularly challenging materials we have been successful in sealing are: cement, spices, cocoa powder, liquid chocolate, plastics and resins, salt, sugar, etc.

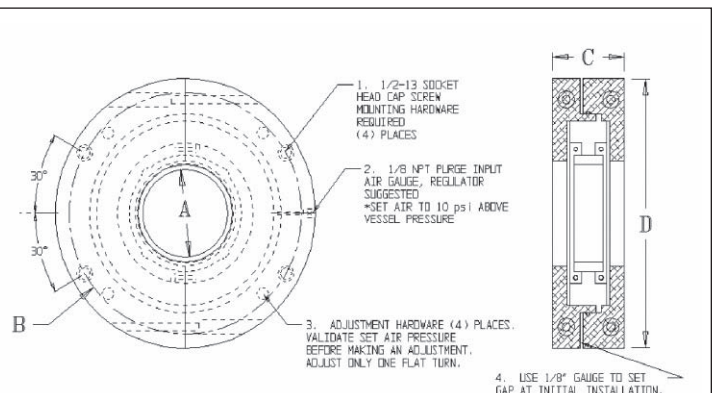
INSTALLATION

The CinchSeal OFX should not be installed on severely worn equipment. Damaged shafts or excessive float or misalignment should be corrected prior to installation. The seal must be mounted square to the shaft. Please refer to installation guide when mounting your seal. Please call if help is needed.

ACCESSORIES

- ✚ Seal Repair Kits
- ✚ Air Pressure Regulators
- ✚ Automatic Greaser
- ✚ Water Pressure Regulator

OFX DIMENSIONAL INFORMATION



	A	B	C	D
Model A	1.937 to 2.5	7.50 B.C.	2.7"	8.5
Model B	2.56 to 3.5	8.50 B.C.	2.7"	9.5
Model C	3.56 to 4.5	9.50 B.C.	2.7"	10.5
Model D	4.56 to 5.5	10.50 B.C.	2.7"	11.50
Model E	5.56 to 6.5	11.50 B.C.	2.7"	12.50

SEAL MATERIAL & PURGE OPTIONS

Materials available are anodized clear coat Aluminum or 316 SS for caustic wash down or food applications. Purge with air, nitrogen, or silicone grease. Purging seal with air will add to the life of the seal before repair kit is needed.