



PFI Bearings

PFI Solutions Special Bolt-Flanged Units



American Engineering Inside

FERSA | www.pfibearings.com

PFI Agri range offers advanced agricultural products that provide an unparalleled level of performance.

Our high-performance solutions are designed to eliminate the need for relubrication, saving you valuable hours required for fieldwork.

Furthermore, our seal design is far superior to conventional seal designs, providing significantly improved contamination exclusion.

Choose PFI Solutions for the most advanced agricultural products on the market.



Technical Characteristics

Our product guarantees robustness, wear resistance, reliable operation, long service life, and contamination resistance.

In addition, we offer the option of special bearings with a superior flange, made of high-grade ductile iron to enhance the durability of our product.

Choose us for a dependable and long-lasting solution to your needs.



Seals

The PFI 3-Lip Seal - 3L for high performance is a top-tier solution in sealing technology, offering multi-layered protection, contaminant resilience, and versatile application suitability for prolonged and optimal performance.



Baling and Wrapping



Tractors



Planters

Applications
Machines
Implements

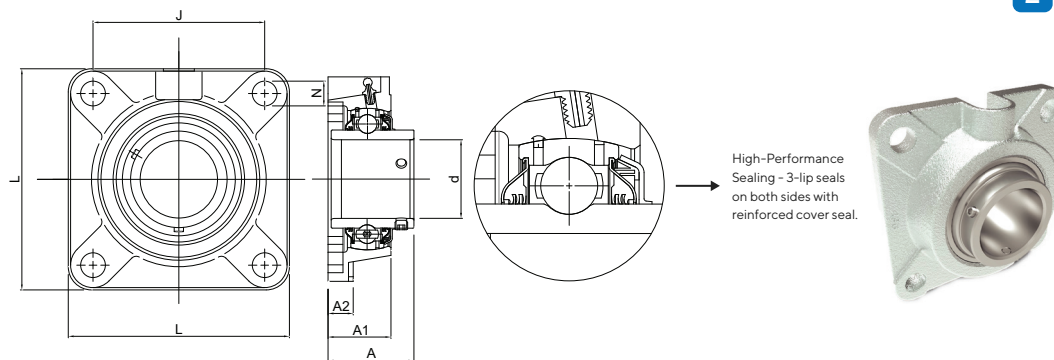
Combine Harvesters



Fertilizer Spreaders



Seeders



Housing	Family	mm/inch	Lip	d	A1	A2	J	L	N	A	Mass (kg)
UCF207 TDT	UCF/TDT	Milimeter	Special 3L	35	34	13	92	118	14	44,4	1,45
UCF208 TDT	UCF/TDT	Milimeter	Special 3L	40	36	14	102	130	16	51,2	1,95
UCF209 TDT	UCF/TDT	Milimeter	Special 3L	45	38	16	105	137	16	52,2	2,41
UCF210 TDT	UCF/TDT	Milimeter	Special 3L	50	40	14	111	143	16	54,6	2,78
UCF211 TDT	UCF/TDT	Milimeter	Special 3L	55	43	17	130	162	19	59,8	3,55
UCF212 TDT	UCF/TDT	Milimeter	Special 3L	60	48	19	143	175	19	68,5	4,64

Recommended Working Conditions:

• Load and Speed:

Ensure the operating conditions (load, speed, vibration) are within the bearing's specified dynamic and static load ratings.

• Environment:

Flanged bearings are designed to resist water and contaminants, making them suitable for robust applications.

• Temperature:

Operate within the recommended temperature range, as excessive heat can degrade the bearing material and lubricant.

• Maintenance:

Regularly inspect the bearings for wear and tear and replace them to prevent failure.

• Material Suitability:

Consider the flange material (cast iron ductile) based on the application's environmental exposure, such as chemicals or washdowns.

Mounting Instructions for Flanged Unit Bearings:



• Preparation:

Ensure the mounting surface is clean and flat, as a precise ground surface is crucial for the bearing axis.

• Alignment:

Position the bearing correctly with the shaft to ensure it is perpendicular to the mounting surface.

• Attachment:

Use appropriate bolts or studs with washers to secure the flanged unit to the machine wall or frame.

• Tightening:

Apply the recommended torque values to avoid under-tightening (which may lead to misalignment), or over-tightening (which could cause deformation).

• Sealing:

Check the seals and rubber grommets for integrity, to reduce noise, vibration, and contamination ingress.

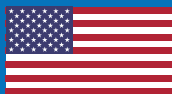


PFI Bearings

Seeding Innovation, Harvesting Solutions.

PFI Group. Inc.

8079 Wales Road, Northwood
Ohio, 43619
U.S.A



www.pfibearings.com

Argentina | Austrália | Bolívia | Brasil | Chile | China | Colombia | Índia | Kenya | México | Netherlands | Spain | USA