



SOLVE  TM
INDUSTRIAL MOTION GROUP

**SOLUTIONS FOR
BAGGAGE HANDLING
SYSTEMS (BHS) EQUIPMENT**



Industry Challenges

Airports depend on reliable baggage handling systems to keep operations running smoothly and passengers satisfied. Any failure in these systems can create costly disruptions and damage reputations.

- Baggage must arrive on time and in good condition
- Even minor issues can cause delays and frustration
- Equipment requires maximum reliability, efficiency, and uptime
- Bearings must provide durability, precision, and smooth operation

Solutions by Solve

Solve Industrial Motion Group delivers bearing solutions designed to meet the toughest demands of airport baggage handling systems. Our products are certified, reliable, and supported by responsive service.

- Solve is 1 of 4 bearing companies in the Americas to have BNP certified bearings for Baggage Handling Systems (BHS)
- Housings made Cap ready
- Open and Closed Cap options available
- Fast and reliable customer service
- Strategically located distribution centers with readily available inventory

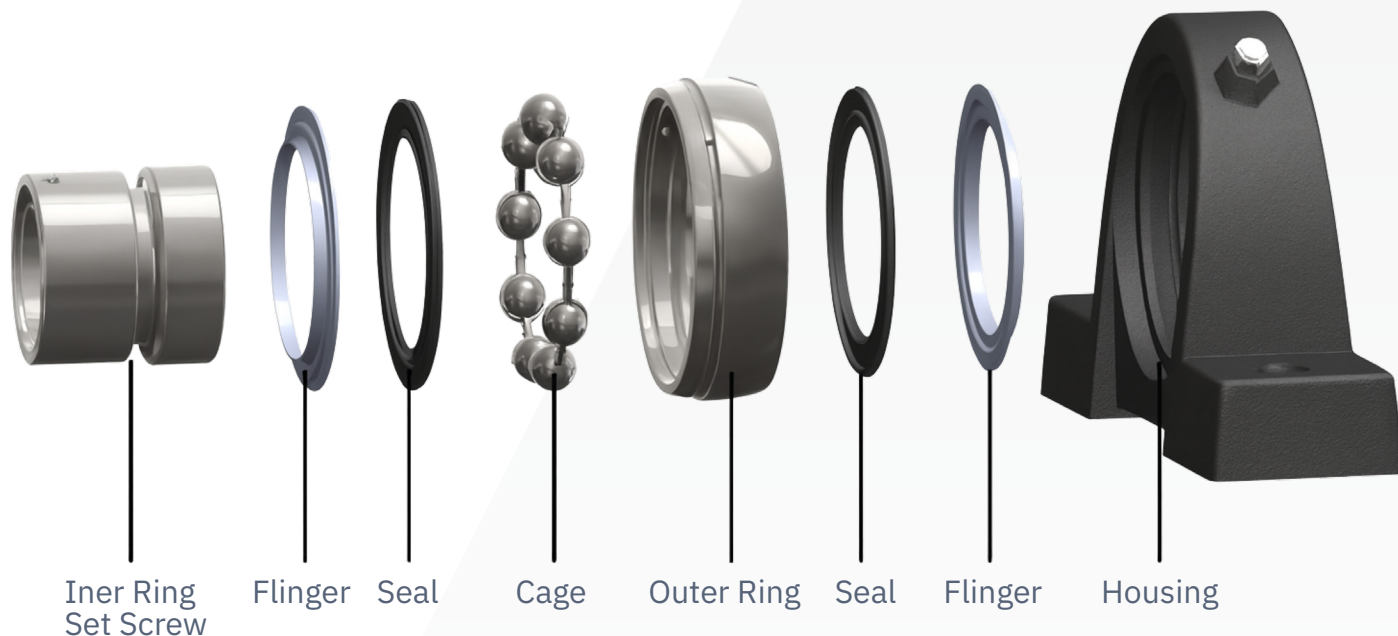
You need Solutions by Solve.



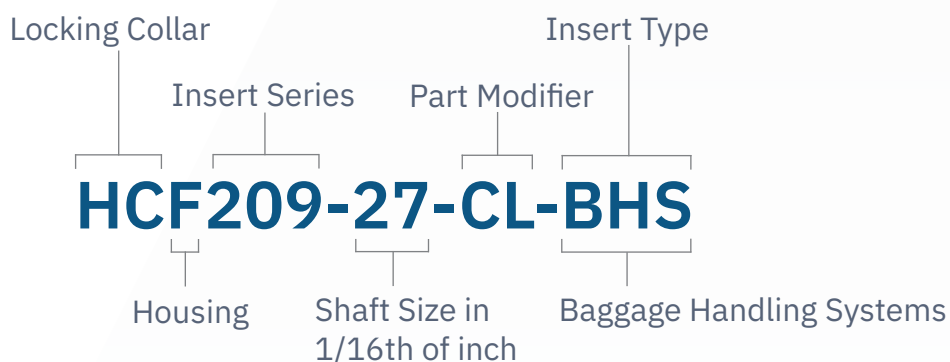
What does it mean to be BNP Certified?

- Precision manufacturing audits to evaluate dimensional accuracy and consistency across production runs.
- Material testing to assess metallurgical properties, heat treatment, and fatigue strength.
- Performance and lifecycle tests to simulate real-world conditions under continuous cycles.
- Safety and compliance checks to ensure components meet international safety standards.

Mounted Units for Baggage Handling



Each Mounted Ball Bearing part number is a unique combination indicating the bearing's type, series, housing and shaft size.



Mounted Ball Bearing Nomenclature

Locking Mechanisms		Housing Types		Shaft Size	Insert Series	Part Modifiers	
UC	Set screw	P	Pillow Block	Inch in 16ths	204	H4	Ductile Iron Housing
NA	Eccentric	WS	Take Up (Wide Slot)	Metric as written	205	G	Greaseable
HC	Eccentric	F	4-Bolt Flange		206	N	Non-Lubricateable
ER	Set screw cylindrical O.D.	NF	4-Bolt Flange		207	L3	Triple Lip Seal
SA	Light duty eccentric	FL	2-Bolt Flange		208	MM	Metric Bore
SB	Light duty set screw	FB	3-Bolt Flange		209	CL	Closed Cap
UCX	Medium duty set screw	HA	Hanger Bearing		210	OP	Open Cap
CL	Clamp collar	FC	Piloted Flange				
HUC	High temp set screw	T	Take Up				

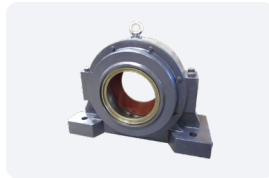
Your Source for Power Transmission Components



Mounted Ball Bearings



**Corrosion-Resistant
Mounted Ball Bearings**



Split Block Roller Bearings



**Unitized Mounted
Roller Bearings**



**Spherical & Cylindrical
Roller Bearings**



Tapered Roller Bearings



**Deep Groove & Angular
Contact Bearings**



Needle Roller Bearings



**Cam Followers &
Yoke Rollers**



**Spherical Plain Bearings
& Rod Ends**



Sheaves



Timing Pulleys



**QD, DST & Tapered
Shaft Bushings**



Weld-On Hubs



MD Flex Couplings



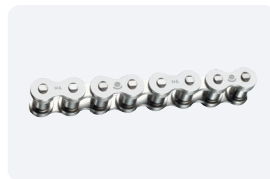
Jaw Couplings



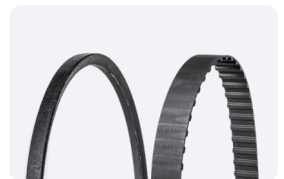
Sprockets



Precision Roller Chains



**Corrosion-Resistant
Roller Chain**



V-Belts & Timing Belts

Solve Industrial Motion Group is an industry-leading manufacturer and supplier of industrial-grade bearings and power transmission components.
24/7 Sales: 704-588-1091 Toll-Free: 800-763-4434
sales@solveindustrial.com

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