



IC+ SERIES INDUSTRIAL

IC+ pumps are based on the AC+ design, but intended for non-sanitary applications.

- Pumps are constructed of 316L stainless steel
- Glass beaded finish with standard NPT connections and flanges optional
- Type 21 mechanical seal with multiple material options
- External dimensions are the same as the AC / AC+ pumps
- Hydraulic performance is identical to AC / AC+ pumps
- Every IC+ pump includes a standard stainless adapter
- Standard one week delivery

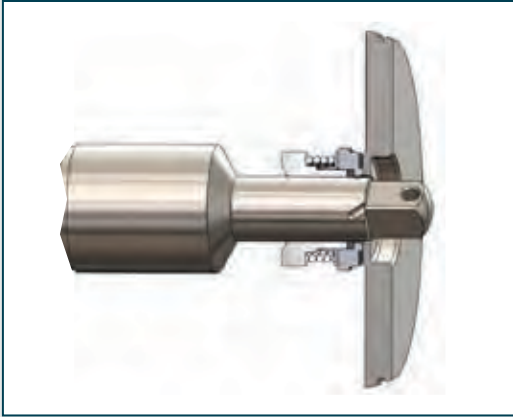


BEARING FRAME

AC+ / AC / IC+

- Dual deep groove ball bearings
- Cast iron bearing frame
- D, DG, E, and Type 21 seals





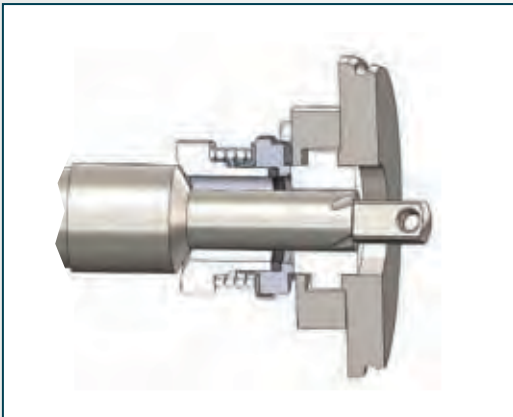
TYPE D EXTERNAL BALANCED SEAL

Well-suited for multi-purpose use, this seal is designed to give long service life. Typical applications include:

- Dairy products
- Tomatoes
- Beverages

Also applicable for acid cleaning solutions and detergents.

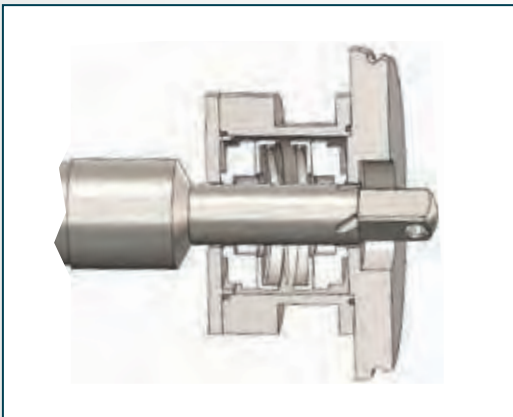
Seal materials: External balanced seal.
Carbon/Stainless Steel



TYPE DG SEAL/SEAT

This long lasting seal assembly utilizes standard Type D rotating seal components plus choice of silicon carbide, ceramic or tungsten carbide stationary seal seat. For maximum corrosion resistance in pure water applications with abrasive or non-lubricating products. Stationary seat is reversible for quick changeover if one side is damaged. The standard seal material is silicon carbide

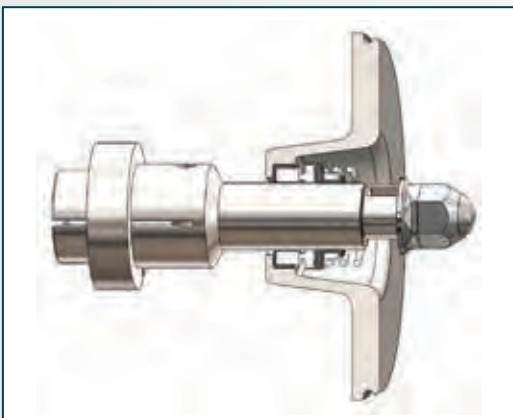
Seal materials: External balanced seal with replaceable stationary seat. Carbon/Silicon Carbide, Carbon/Ceramic, Carbon/Tungsten Carbide.



TYPE E WATER COOLED BALANCED DOUBLE SEAL

This water cooled balanced double seal can be pressurized to contain coolants or sealants which can be piped directly to drain. It is used in slurries, heavy duty vacuum applications (to 28" Hg), tacky products or products at temperatures up to 212°F.

Seal materials: Water cooled balanced double seal.
Carbon/Stainless Steel



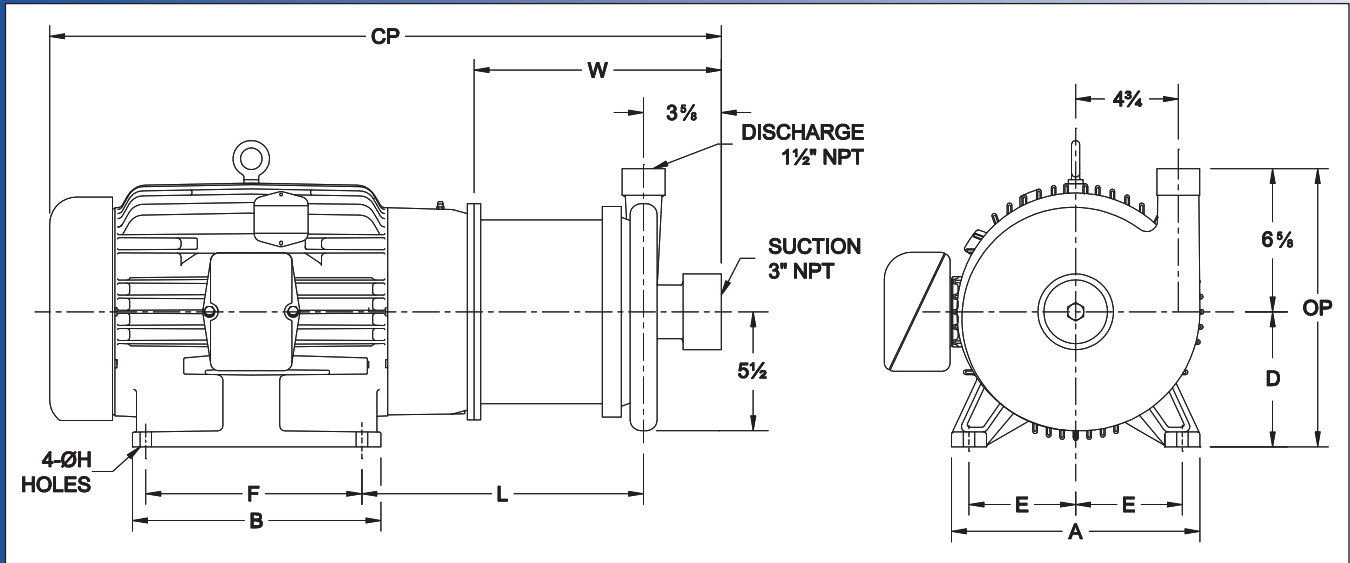
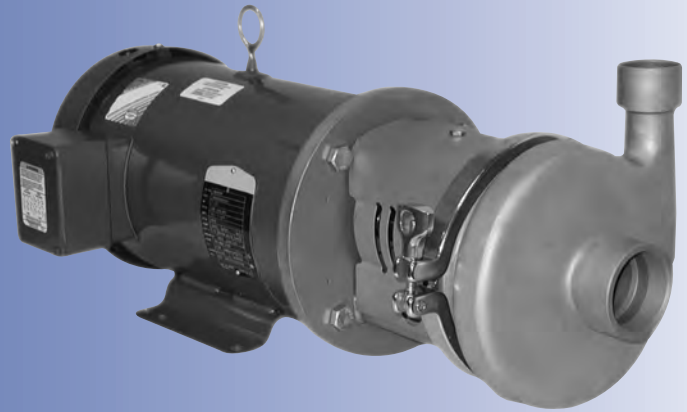
JOHN CRANE TYPE 21 INDUSTRIAL SEAL

- Single internal mechanical seal assembly
- Standard combination is ceramic versus carbon seal faces with buna elastomer, other combinations are available
- CIP supply and return for non-3-A or USDA applications

Ampco Centrifugal Pumps

DATA SHEET

MODEL IC+ 318 3X1 1/2



TEFC MOTOR			DIMENSIONS IN INCHES (For Reference Only)										APPROX WEIGHT (LBS)
HP	RPM	FRAME	A (typ)	B (typ)	D	E	F	ØH	L	W	CP	OP	
1-1/2	1750	145TC	6-1/2	6	3-1/2	2-3/4	5	11/32	12-21/32	9-29/32	21-5/32	10-1/8	88
2	1750	145TC	6-1/2	6	3-1/2	2-3/4	5	11/32	12-21/32	9-29/32	21-5/32	10-1/8	91
3	1750	182TC	8-5/8	6-1/2	4-1/2	3-3/4	4-1/2	13/16	14-1/32	10-17/32	24-9/32	11-1/8	121
5	1750	184TC	8-5/8	6-1/2	4-1/2	3-3/4	5-1/2	13/16	14-1/32	10-17/32	25-21/32	11-1/8	128
7-1/2	1750	213TC	9-1/2	8	5-1/4	4-1/4	5-1/2	13/32	15-5/32	10-29/32	26-5/32	11-7/8	182
5	3500	184TC	8-5/8	6-1/2	4-1/2	3-3/4	5-1/2	13/32	14-1/32	10-17/32	25-21/32	11-1/8	123
7-1/2	3500	184TC	8-5/8	6-1/2	4-1/2	3-3/4	5-1/2	13/32	14-1/32	10-17/32	25-21/32	11-1/8	141
7-1/2	3500	213TC	9-1/2	8	5-1/4	4-1/4	5-1/2	13/32	15-5/32	10-29/32	26-5/32	11-7/8	145
10	3500	215TC	9-1/2	8	5-1/4	4-1/4	7	13/32	15-5/32	10-29/32	27-29/32	11-7/8	178
15	3500	215TC	9-1/2	8	5-1/4	4-1/4	7	13/32	15-5/32	10-29/32	27-29/32	11-7/8	218
20	3500	256TC	11-1/2	11-1/2	6-1/4	5	10	17/32	16-17/32	11-25/32	32-5/32	12-7/8	326
25	3500	284TSC	12-3/4	12-3/4	7	5-1/2	9-1/2	17/32	17-5/32	11-25/32	36-3/32	13-5/8	418
30	3500	286TSC	12-3/4	12-3/4	7	5-1/2	11	17/32	17-5/32	11-25/32	36-3/32	13-5/8	440

MATERIAL SPECIFICATIONS

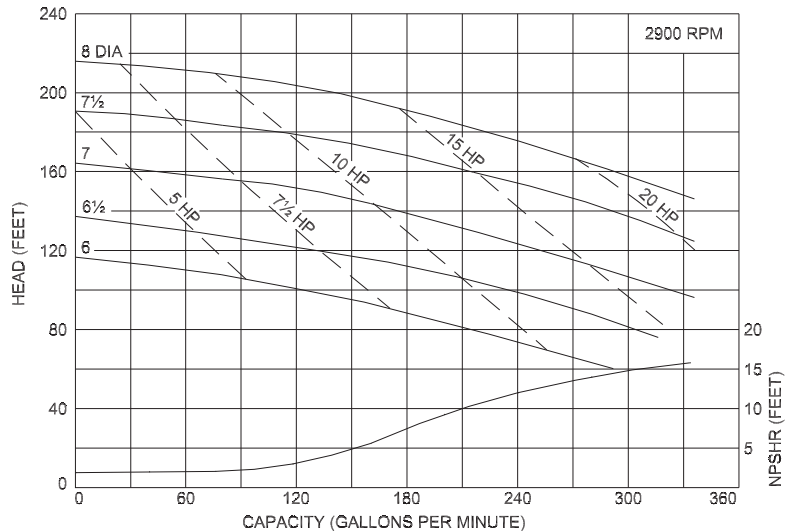
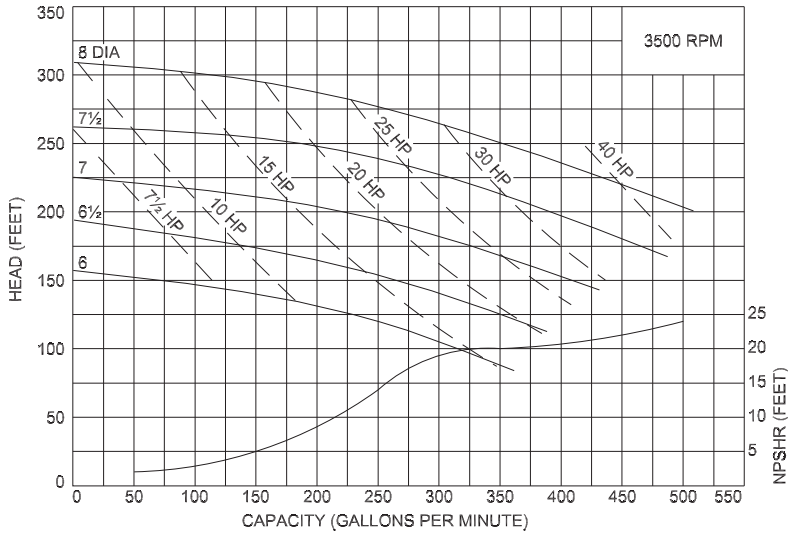
PART NAME	STAINLESS STEEL
Casing	316L Stainless
Backplate, Impeller, Stub Shaft	316L Stainless
Adapter	304 Stainless



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Curves show approximate characteristics
based on clear 68° water.
Rated point is guaranteed.



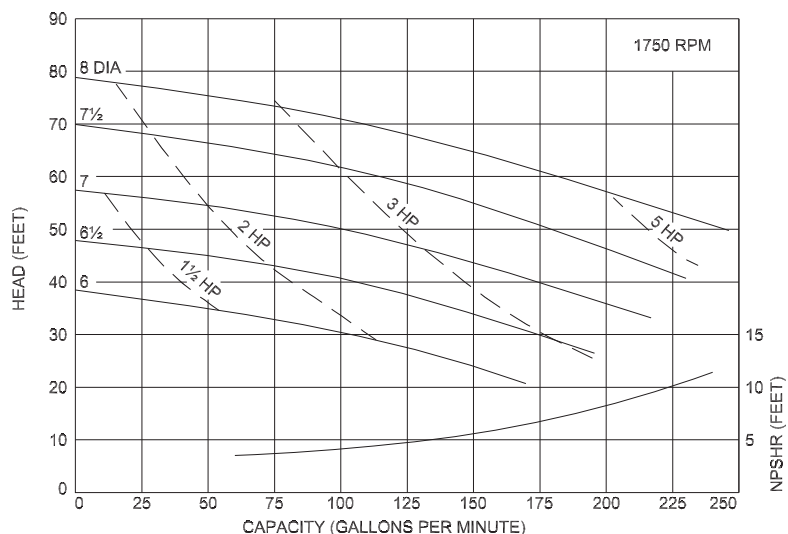
IC+ Series pumps have standard NPT connections.

Flange connections are optional.

IC+ pumps are constructed of 316L stainless steel
with a glass beaded finish.

The standard IC+ mechanical seal is a Type 21
with a ceramic seat, carbon rotating element.
Buna-N elastomers and 304 SS metallics.

Contact the factory for other seal
material options.



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