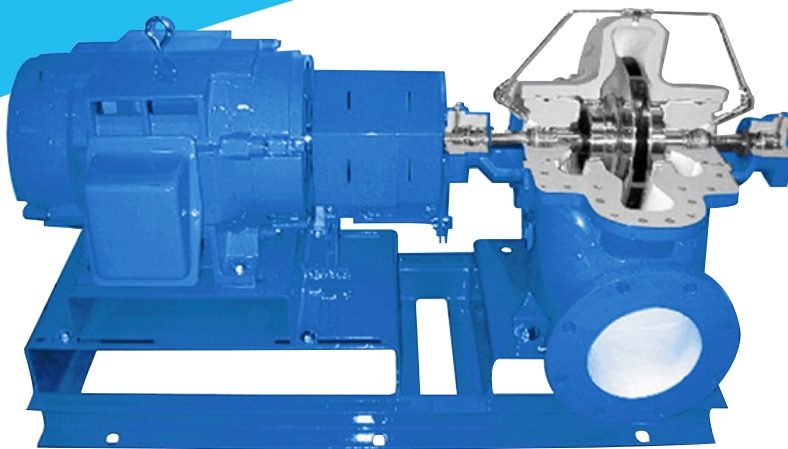




# G&L Pumps A-C Series 8100

SINGLE STAGE DOUBLE SUCTION  
SPLIT CASE PUMPS

LET'S TALK  
TIMELESS  
INNOVATION



**A-C Series 8100** double-suction split-case pumps has bronze-fitted construction making it ideal for use with the following liquids: domestic and fresh water, boiler feed water, condensate, hydronic cooling or heating, pressure boosting, general pumping and benign liquids. Designed with durability in mind, the pumps rugged construction, foot-mounted volute and regreasable bearings, makes installation, operation and service easy to perform. Couple these features along with optional customization, this is an ideal choice when longevity, easy maintenance and upkeep are priority.

## APPLICATIONS

Light industrial • General water transportation  
Irrigation and municipal water

For more information on our product, visit <http://goulds.com/ac-series>

**xylem**  
Let's Solve Water

# A-C Series 8100



## MATERIALS OF CONSTRUCTION

NO.	DESCRIPTION	MATERIAL
		Cast Iron, Bronze Fitted
2-001-0	Casing Assembly 3	Cast Iron (ASTM A48 Class 35A)
2-123-5	Casing Joint Gasket (Suction)	Paper (Vellumoid 505)
2-123-6	Casing Joint Gasket (Discharge)	Paper (Vellumoid 505)
3-003-9	Casing Ring	Bronze (ASTM B584-932)
3-007-0	Shaft 4	Steel (SAE 1045)
3-009-9	Shaft Sleeve 5	Bronze (ASTM B584-932)
3-025-3	Bearing Housing	Cast Iron (ASTM A48 Class 25A)
3-025-4	Bearing Housing	Cast Iron (ASTM A48 Class 25A)
3-073-9	Stuffing Box (Mechanical Seal)	Cast Iron (ASTM A48 Class 25A)
3-136-9	Deflector	Rubber (BUNA-N)
3-177-9	Lip Seal (Bearing)	Rubber (BUNA-N)
3-400-9	Mechanical Seal (See copy at right)	SS, Rubber, Carbon, Ceramic
3-421-9	Set Collar	Bronze (ASTM B584-932)
3-902-3	Set Screw	304 SS
3-904-9	Capscrew (Bearing Housing)	Steel, Grade 2
3-910-9	Pipe Plugs (Bearing Housing)	Steel
3-911-1	Key, Impeller	Steel
3-911-2	Key, Coupling	Steel
3-914-1	O-Ring (Casing Ring)	Rubber (Buna-N)
3-914-2	O-Ring (Stuffing Box)	Rubber (Buna-N)
3-943-9	Spirol Pin (Stuffing Box) 1	304 SS
3-943-9	Spirol Pin (Casing Ring) 1	304 SS
4-002-0	Impeller	Bronze (ASTM B584-876)

### OPTIONAL COMPONENTS\*

4-004-9	Rings, Impeller	Bronze (ASTM B505-925)
3-400-9	Mechanical Seal Balanced	Stn. Steel, Rubber, Carbon, Ceramic



Xylem Inc.  
2881 East Bayard Street Ext., Suite A  
Seneca Falls, NY 13148  
Phone: (800) 453-6777 • Fax: (888) 322-5877  
[www.gouldswatertechnology.com](http://www.gouldswatertechnology.com)

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## FEATURES:

Flow to 6500 GPM; Heads to 600 ft; Maximum working pressure of 175 psig; Motor sizes through 300 HP; Sizes 2" through 10".

## BENEFITS:

Versatile  
Flexible serviceability  
Available for use in a variety of applications

## APPLICATIONS:

Light industrial  
General water transportation  
Irrigation and municipal water

## LITERATURE AVAILABLE ONLINE:

<http://goulds.com/ac-series>

Technical Brochure: BAC8100

Promotional Brochure: BRACSERIES

Instruction Manual:

AC5659\_en-US\_2014-06\_IOM\_SeriesA-C8100

Curves: GL-599 R1 and GL-561 R1

Repair Parts: GL-505-PL R1

Submittals: AC8100SUB

**NOTE:** More detailed Materials of Construction can be found in the Technical Brochure.

LET'S SOLVE  
YOUR WATER  
NEEDS