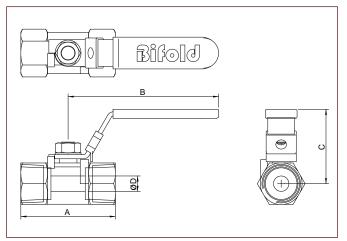
# BV0I

### Typical GA Drawing









		BV01	- SELECTION	TABLE				
Product Code	Size	Rated	Cv (US Gallon)	'A' (mm)	'B' (mm)	'C' (mm)	Ø 'D' (mm)	Weight (Kg)
BV0104F025TT1KLK-N	1/4" NPT	1,000 psi / 70 bar	2.5	40.0	71.0	35.0	5.0	0.07
BV0108F029.2TT1KLK-N	1/2" NPT	1,000 psi / 70 bar	4.8	57.0	95.0	44.0	9.2	0.16
BV0112F0212.5TT1KLK-N	34" NPT	1,000 psi / 70 bar	9.5	59.0	95.0	48.0	12.5	0.25
BV0116F0215TT1KLK	I" NPT	1,000 psi / 70 bar	14.0	71.0	103.0	50.0	15.0	0.43
BV0132F0232TT1KLK	2" NPT	1,000 psi / 70 bar	58.0	100.0	127.0	74.5	32.0	1.50

## **Product Description**

A 1,000 psi / 70 bar rated single isolation ball valve, designed to give bubble tight shut off through 90° operation across the full operating temperature range. Totally enclosed soft seats offer both positive sealing and low operating torques.

#### Features & Benefits

- Single piece body design reducing leak paths.
- Bi-directional.
- Precision machined stainless steel ball.
- PTFE seating to the ball.

- Lockable handle as standard.
- Compact design to save space and weight.
- Bubble tight shut-off.

#### **Technical Data**

Material grade - ASTM A351 CF8M stainless steel body (standard). Operating temperature range -20°C to +200°C.

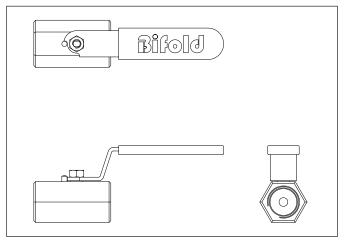


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# BV0I

#### Typical GA Drawing









BV01 - SELECTION TABLE								
Product Code	Size	Rated	Cv (US Gallon)	Flow Rate @ 10bar DP (I/min water)				
BV0104F025ERV6K	1/4" Female NPT	6,000 psi / 414 bar	1.9	86.0				
BV0104F025ERV10K	1/4" Female NPT	10,000 psi / 690 bar	1.9	86.0				
BV0106F025ERV6K	3/8" Female NPT	6,000 psi / 414 bar	1.9	86.0				
BV0106F025ERV10K	3/8" Female NPT	10,000 psi / 690 bar	1.9	86.0				

#### **Product Description**

A single isolate ball valve with pressures rated up to 10,000 psi / 690 bar. The single isolating ball valve is designed to give bubble tight shut off through  $90^{\circ}$  operation across the full operating temperature range of the valve. Totally enclosed soft seats offer both positive sealing and low operating torques.

#### **Features & Benefits**

- Single piece body design reducing leak paths.
- Anti-blow out stem internally loaded.
- Bi-directional.
- Precision machined stainless steel ball.
- Compact design to save space and weight.
- Full material traceability and individual serial number stamped on the valve.
- O-Ring Stem & body seals.
- Thread milled connections for improved sealing.
- In compliance with NACE MR-01-75 / ISO 15156 as standard.
- Bubble tight shut-off.
- Low operating torque.
- Pressure energised stem sealing.

#### **Technical Data**

Material grades - UNS S31600 / S31603 stainless steel (standard). See selection table on page 15 for alternative materials.

catalogue is reasonably accurate and up-to-date. However, our products are continually developed and updated so to ensure accurate and up-to-date information please refer to the product catalogue issue list on our web site or contact a member of our sales team.

When selecting a product, the applicable operating system design must be considered to ensure safe use. The products function, material compatibility, adequate ratings, correct installation, operation and maintenance are the



# BV0I



# **BV01 Selection Chart - Ordering Example**

Single Isolation Ball Valve	Model Code
04F 1/4" Female NPT	Nominal Pipe Size
06F %" Female NPT	Connection Type
UNS S31600 / S31603 Stainless Steel (Standard)	
26 F51 / UNS S31803 Duplex	Material
38 LF2 / Carbon Steel 39 F55 / UNS S32760 Super Duplex	
	Control
5 Standard	Series
T Glass Filled PTFE (1,000 psi / 70 bar Maximum Cold Working Pressure)  E PEEK (10,000 psi / 690 bar Maximum Cold Working Pressure)	Seat Material
RS RTFE / Nitrile	
RV RTFE / Viton RV9 RTFE / V91A	Seal Arrangement Stem and Body
RE9 RTFE / E985	Stelli alid Body
IK 1,000 psi / 70 bar Maximum Cold Working Pressure	
6K 6,000 psi / 414 bar Maximum Cold Working Pressure	Pressure Rating
10K 10,000 psi / 690 bar Maximum Cold Working Pressure	
NO LETTER Standard F.A.T.	FA TO :
-NT Nitrogen F.A.T. (For Gas Service)	F.A.T. Options

Other options may be available upon request. For more information, please contact Bifold sales department.

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When selecting a product, the applicable operating system design must be considered to ensure safe use. The products function, material compatibility, adequate ratings, correct installation, operation and maintenance are the responsibilities of the system designer and user

Quality Assurance
All Bildel products are manufactured to a most stringent
QA programme to ensure that every product will give optimum
performance and realishility. We are third party certified to
BS IN ISO 9001-2008. Functional test certificate, letter of
conformity and copies of original mill certificates, providing
total traceability are available on request, to BS EN ISO 91204 3.1
where available. We reserve the right to make changes