



# techhose

QUALITY CONNECTIONS

Hydraulics

Pneumatics  
& Vacuum

Industrial

Compressed Air  
& Ring Main

Process &  
Instrumentation

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## Valves & Actuation

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Gate Valves

## Brass Gate Valves, Heavy-duty

### Features:

- BSPT threads. BSPP for 2.1/2" upwards
- Suitable for isolation of fluids and general purpose applications such as domestic water services and heating plants

**Working Temperature:**  
-10°C to +80°C

**Maximum Working Pressure:**  
20 bar  
16 bar (2.1/2" upwards)



### Type GV12

0910	Size
GV12-38	3/8"
GV12-12	1/2"
GV12-34	3/4"
GV12-1	1"
GV12-114	1.1/4"
GV12-112	1.1/2"
GV12-2	2"
GV12-212	2.1/2"
GV12-3	3"
GV12-4	4"

Tech Sheet 6081



### Bronze Square Plugs

1094	Size	DN
BSP-34-BR	3/4"	20
BSP-1-BR	1"	25
BSP-114-BR	1.1/4"	32
BSP-112-BR	1.1/2"	40
BSP-2-BR	2"	50

**Working Temperature:**  
-20°C to +100°C

**Maximum Working Pressure:**  
16 bar



### Type GV157, BSPP

0442	Thread
GV157-38	3/8"
GV157-12	1/2"
GV157-34	3/4"
GV157-1	1"
GV157-114	1.1/4"
GV157-112	1.1/2"
GV157-2	2"
GV157-212	2.1/2"
GV157-3	3"

Tech Sheet 10143

## Stainless Steel Gate Valves

### Features:

- Investment casting
- Non-rising stem

**Working Temperature:**  
-20°C to +200°C

**Maximum Working Pressure:**  
200 psi (13.8 bar)

### BSPP

0900	Size
2029-14	1/4"
2029-38	3/8"
2029-12	1/2"
2029-34	3/4"
2029-1	1"
2029-114	1.1/4"
2029-112	1.1/2"
2029-2	2"

Tech Sheet 6074



## Cast Iron & Ductile Iron Gate Valves

### Features:

- Cast Iron Body
- Face to face DIN 3202-F4
- Non-rising stem

**Working Temperature:**  
-10°C to +120°C at 16 bar  
-10°C to +200°C at 12.8 bar

**Maximum Working Pressure:** 16 bar



### Features:

- Ductile Iron Body
- WRAS approved
- UL listed
- Non-rising stem
- Conforms to BS 5163 Pt. 1 & 2:2004
- Position indicator for open/close

**Working Temperature:**  
0°C to +80°C

**Maximum Working Pressure:** 16 bar



### Flanged PN16, Metal Seat

0927	Flange Size
D02 09	2"
D02 10	2.1/2"
D02 11	3"
D02 12	4"
D02 13	5"
D02 14	6"
D02 16	8"

Tech Sheet 6079

### Features:

- Cast Iron Body
- Face to face BS 5150
- Non-rising stem

**Working Temperature:**  
-10°C to +120°C at 16 bar  
-10°C to +200°C at 12.8 bar

**Maximum Working Pressure:** 16 bar



### Flanged PN16, Resilient Seat

0909	Flange Size
HUK5163 09	2"
HUK5163 10	2.1/2"
HUK5163 11	3"
HUK5163 12	4"
HUK5163 14	6"
HUK5163 16	8"
HUK5163 18	10"
HUK5163 20	12"

Tech Sheet 6078

### Features:

- Used to allow key operation




### Cap Top to suit HUK5163 Valves


0909	Size
HUK5163CT 12	2"-4"
HUK5163CT 14	5"-8"

# GATE VALVES

## Brass Gate Valves

Suitable for domestic water services, heating, air-conditioning plants

 **Working Temperature:**  
0°C to +150°C  
in absence of steam

 **Maximum Working Pressure:** 16 bar




### Type 156, PN16, BSPP

0089	Thread
IT156-12	1/2"
IT156-34	3/4"
IT156-1	1"
IT156-114	1.1/4"
IT156-112	1.1/2"
IT156-2	2"
IT156-212	2.1/2"
IT156-3	3"
IT156-4	4"

Tech Sheet 20009

## Bronze Gate Valves

 **Working Temperature:**  
-10°C to +232°C

 **Maximum Working Pressure:** 20 bar



### PN20, Lockshield, BSPT

0205	Thread
GVBZ375LS-12	1/2"
GVBZ375LS-34	3/4"
GVBZ375LS-1	1"
GVBZ375LS-114	1.1/4"
GVBZ375LS-112	1.1/2"
GVBZ375LS-2	2"

Tech Sheet 1820

# GATE VALVES

stainless steel



HAITIMA

## Stainless Steel Gate Valves

### Features:

- Investment casting
- Rising stem

 **Working Temperature:**  
-20°C to +200°C

 **Maximum Working Pressure:**  
16 bar



### Flanged PN16

0982	Size	DN
2054SL16 04	1/2"	15
2054SL16 05	3/4"	20
2054SL16 06	1"	25
2054SL16 07	1.1/4"	32
2054SL16 08	1.1/2"	40
2054SL16 09	2"	50
2054SL16 11	3"	80
2054SL16 12	4"	100
2054SL16 14	6"	150

Tech Sheet 1876

### Features:

- Investment casting
- Rising stem

 **Working Temperature:**  
-20°C to +200°C

 **Maximum Working Pressure:**  
19.6 bar



### Flanged ANSI150

0982	Size	DN
2054SL150 04	1/2"	15
2054SL150 05	3/4"	20
2054SL150 06	1"	25
2054SL150 08	1.1/2"	40
2054SL150 09	2"	50
2054SL150 10	2.1/2"	65
2054SL150 11	3"	80
2054SL150 12	4"	100
2054SL150 14	6"	150

Tech Sheet 1873

# GATE VALVES



## Stainless Steel Gate Valves

### Features:

- ATEX approved
- NACE MR0175
- Conforms to API 602



Working Temperature:  
-50°C to +450°C

Maximum Working Pressure:  
110 bar

### Class 800, NPT

0905	Thread
GA800S-12	1/2"
GA800S-34	3/4"
GA800S-1	1"
GA800S-114	1.1/4"
GA800S-112	1.1/2"
GA800S-2	2"

Tech Sheet 6075

### Class 800, Socket Weld

0905	Thread
GA800S-12S	1/2"
GA800S-34S	3/4"
GA800S-1S	1"
GA800S-114S	1.1/4"
GA800S-112S	1.1/2"
GA800S-2S	2"

Tech Sheet 6075

## Carbon Steel Gate Valves

### Features:

- ATEX approved
- NACE MR0175
- Conforms to API 602



Working Temperature:  
-29°C to +425°C

Maximum Working Pressure:  
138 bar

### Class 800, NPT

0905	Thread
GA800C-12	1/2"
GA800C-34	3/4"
GA800C-1	1"
GA800C-114	1.1/4"
GA800C-112	1.1/2"
GA800C-2	2"

Tech Sheet 6075

### Class 800, Socket Weld

0905	Thread
GA800C-12S	1/2"
GA800C-34S	3/4"
GA800C-1S	1"
GA800C-114S	1.1/4"
GA800C-112S	1.1/2"
GA800C-2S	2"

Tech Sheet 6075

# KNIFE GATE VALVES



## Unidirectional Knife Gate Valves

### Features:

- Wafer design knife gate valve
- 304 stainless steel blade
- Handwheel operated with a rising stem.  
*A non-rising stem option is also available on request*
- One-piece cast body
- Provides high flow rates with low pressure drop



Working Temperature:  
0°C to +90°C

### Cast Iron Body, EPDM Seat, PN10

0944	Flange Size	Max Pressure bar
A1V2H2 09	2"	10
A1V2H2 10	2.1/2"	10
A1V2H2 11	3"	10
A1V2H2 12	4"	10
A1V2H2 13	5"	10
A1V2H2 14	6"	10
A1V2H2 16	8"	10
A1V2H2 18	10"	10
A1V2H2 20	12"	6

Tech Sheet 10246

## Bidirectional Knife Gate Valves

### Features:

- Wafer design knife gate valve
- 304 stainless steel blade
- Handwheel operated with a rising stem.  
*A non-rising stem option is also available on request*
- One-piece cast body
- Provides high flow rates with low pressure drop



Working Temperature:  
0°C to +90°C

### Cast Iron Body, EPDM Seat, PN10

0944	Flange Size	Max Pressure bar
AB1V2H2 09	2"	10
AB1V2H2 10	2.1/2"	10
AB1V2H2 11	3"	10
AB1V2H2 12	4"	10
AB1V2H2 13	5"	10
AB1V2H2 14	6"	10
AB1V2H2 16	8"	8
AB1V2H2 18	10"	6
AB1V2H2 20	12"	6

Tech Sheet 6085