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QUALITY CONNECTIONS

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& Ring Main

Process &
Instrumentation

Valves & Actuation

Actuation

Brass Nickel Plated Ball Valves Fitted with a Pneumatic Actuator

Features:

- Sized based on 10 bar pilot air and wet non-abrasive duty at +90°C

Working Temperature:
-20°C to +170°C (valve)
-20°C to +90°C (actuator)

Maximum Working Pressure:
40 bar



Single Acting, BSPP

0929	Thread
HSA 6400-12	1/2"
HSA 6400-34	3/4"
HSA 6400-1	1"
HSA 6400-114	1.1/4"
HSA 6400-112	1.1/2"
HSA 6400-2	2"

Tech Sheet 6184

Double Acting, BSPP

0929	Thread
HDA 6400-12	1/2"
HDA 6400-34	3/4"
HDA 6400-1	1"
HDA 6400-114	1.1/4"
HDA 6400-112	1.1/2"
HDA 6400-2	2"

Tech Sheet 6184

Brass Nickel Plated Ball Valves Fitted with a Pneumatic Actuator

Features:

- Sized based on 10 bar pilot air and wet non-abrasive duty at +90°C

Working Temperature:
-20°C to +130°C (valve)
-20°C to +90°C (actuator)

Maximum Working Pressure:
40 bar



Single Acting, BSPP

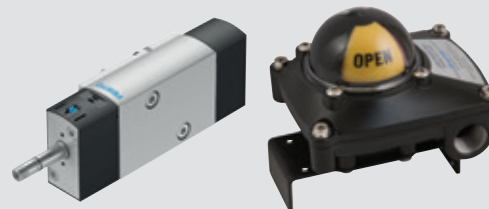
0929	Thread
HSA 1021-14	1/4"
HSA 1021-38	3/8"

Tech Sheet 6185

Double Acting, BSPP

0929	Thread
HDA 1021-14	1/4"
HDA 1021-38	3/8"

Tech Sheet 6185



You might also need...

NAMUR Solenoid Valves and Mechanical Switch Boxes

...see pages 1020-1022

Brass Nickel Plated 3 Way Ball Valves Fitted with a Pneumatic Actuator

Features:

- Sized based on 10 bar pilot air and wet non-abrasive duty at +90°C

° Working Temperature:

- 20°C to +130°C (valve)
- 20°C to +90°C (actuator)

Single Acting, L Port, BSPP

0929	Thread	Max Pressure bar
HSA 1071-14	1/4"	40
HSA 1071-38	3/8"	40
HSA 1071-12	1/2"	40
HSA 1071-34	3/4"	40
HSA 1071-1	1"	40
HSA 1071-114	1.1/4"	40
HSA 1071-112	1.1/2"	25
HSA 1071-2	2"	25
Tech Sheet 6186		

Double Acting, L Port, BSPP

0929	Thread	Max Pressure bar
HDA 1071-14	1/4"	40
HDA 1071-38	3/8"	40
HDA 1071-12	1/2"	40
HDA 1071-34	3/4"	40
HDA 1071-1	1"	40
HDA 1071-114	1.1/4"	40
HDA 1071-112	1.1/2"	25
HDA 1071-2	2"	25
Tech Sheet 6186		



Single Acting, T Port, BSPP

0929	Thread	Max Pressure bar
HSA 1070-14	1/4"	40
HSA 1070-38	3/8"	40
HSA 1070-12	1/2"	40
HSA 1070-34	3/4"	40
HSA 1070-1	1"	40
HSA 1070-114	1.1/4"	40
HSA 1070-112	1.1/2"	25
HSA 1070-2	2"	25
Tech Sheet 6186		

Double Acting, T Port, BSPP

0929	Thread	Max Pressure bar
HDA 1070-14	1/4"	40
HDA 1070-38	3/8"	40
HDA 1070-12	1/2"	40
HDA 1070-34	3/4"	40
HDA 1070-1	1"	40
HDA 1070-114	1.1/4"	40
HDA 1070-112	1.1/2"	25
HDA 1070-2	2"	25
Tech Sheet 6186		

Stainless Steel Full Bore Ball Valves Fitted with a Pneumatic Actuator

Features:

- ATEX II 2GD c T5 certification
- Sized based on 10 bar pilot air and wet non-abrasive duty at +90°C

° Working Temperature:

- 20°C to +200°C (valve)
- 20°C to +90°C (actuator)



Maximum Working Pressure:

- 63 bar

Single Acting

0929	Thread
HSA 2006SD-14	1/4"
HSA 2006SD-38	3/8"
HSA 2006SD-12	1/2"
HSA 2006SD-34	3/4"
HSA 2006SD-1	1"
HSA 2006SD-114	1.1/4"
HSA 2006SD-112	1.1/2"
HSA 2006SD-2	2"
Tech Sheet 6187	

Double Acting


0929	Thread
HDA 2006SD-14	1/4"
HDA 2006SD-38	3/8"
HDA 2006SD-12	1/2"
HDA 2006SD-34	3/4"
HDA 2006SD-1	1"
HDA 2006SD-114	1.1/4"
HDA 2006SD-112	1.1/2"
HDA 2006SD-2	2"
Tech Sheet 6187	



Stainless Steel Full Bore Ball Valves Fitted with a Pneumatic Actuator

Features:

- ATEX II 2GD c T5 certificatio
- Sized based on 10 bar pilot air and wet non-abrasive duty at +90°C

 **Working Temperature:**
 -20°C to +200°C (valve)
 -20°C to +90°C (actuator)



 **Maximum Working Pressure:**
 63 bar

Single Acting, BSPP

0929	Thread
HSA 2013ND-14	1/4"
HSA 2013ND-38	3/8"
HSA 2013ND-12	1/2"
HSA 2013ND-34	3/4"
HSA 2013ND-1	1"
HSA 2013ND-114	1.1/4"
HSA 2013ND-112	1.1/2"
HSA 2013ND-2	2"
HSA 2013ND-212	2.1/2"
HSA 2013ND-3	3"
HSA 2013ND-4	4"

Tech Sheet 6188

Single Acting, Butt Weld

0929	Size
HSA 2012ND-12	1/2"
HSA 2012ND-34	3/4"
HSA 2012ND-1	1"
HSA 2012ND-114	1.1/4"
HSA 2012ND-112	1.1/2"
HSA 2012ND-2	2"
HSA 2012ND-212	2.1/2"
HSA 2012ND-3	3"
HSA 2012ND-4	4"

Tech Sheet 6188

Single Acting, Socket Weld

0929	Size
HSA 2011ND-38	3/8"
HSA 2011ND-12	1/2"
HSA 2011ND-34	3/4"
HSA 2011ND-1	1"
HSA 2011ND-114	1.1/4"
HSA 2011ND-112	1.1/2"
HSA 2011ND-2	2"
HSA 2011ND-212	2.1/2"
HSA 2011ND-3	3"
HSA 2011ND-4	4"

Tech Sheet 6188

Double Acting, BSPP

0929	Thread
HDA 2013ND-14	1/4"
HDA 2013ND-38	3/8"
HDA 2013ND-12	1/2"
HDA 2013ND-34	3/4"
HDA 2013ND-1	1"
HDA 2013ND-114	1.1/4"
HDA 2013ND-112	1.1/2"
HDA 2013ND-2	2"
HDA 2013ND-212	2.1/2"
HDA 2013ND-3	3"
HDA 2013ND-4	4"

Tech Sheet 6188

Double Acting, Butt Weld

0929	Size
HDA 2012ND-12	1/2"
HDA 2012ND-34	3/4"
HDA 2012ND-1	1"
HDA 2012ND-114	1.1/4"
HDA 2012ND-112	1.1/2"
HDA 2012ND-2	2"
HDA 2012ND-212	2.1/2"
HDA 2012ND-3	3"
HDA 2012ND-4	4"

Tech Sheet 6188

Double Acting, Socket Weld

0929	Size
HDA 2011ND-12	1/2"
HDA 2011ND-34	3/4"
HDA 2011ND-1	1"
HDA 2011ND-114	1.1/4"
HDA 2011ND-112	1.1/2"
HDA 2011ND-2	2"
HDA 2011ND-212	2.1/2"
HDA 2011ND-3	3"
HDA 2011ND-4	4"


Tech Sheet 6188



HAITIMA ACTUATION

Features:

- Fire Safe approved and anti-static device (valve only)
- ATEX II 2GD c T5 certification
- Sized based on 10 bar pilot air and wet non-abrasive duty at +90°C

 **Working Temperature:**
 -20°C to +220°C (valve)
 -20°C to +90°C (actuator)



For saturated steam up to 12 bar - use an actuated valve with a TSM

Fire Safe Stainless Steel Ball Valves Fitted with a Pneumatic Actuator

Single Acting, BSPP

0929	Thread	Max Pressure bar
HSA 2013KMD-12	1/2"	138
HSA 2013KMD-34	3/4"	138
HSA 2013KMD-1	1"	138
HSA 2013KMD-114	1.1/4"	103
HSA 2013KMD-112	1.1/2"	103
HSA 2013KMD-2	2"	103
HSA 2013KMD-212	2.1/2"	63
HSA 2013KMD-3	3"	63

Tech Sheet 6189

Double Acting, BSPP

0929	Thread	Max Pressure bar
HDA 2013KMD-12	1/2"	138
HDA 2013KMD-34	3/4"	138
HDA 2013KMD-1	1"	138
HDA 2013KMD-114	1.1/4"	103
HDA 2013KMD-112	1.1/2"	103
HDA 2013KMD-2	2"	103
HDA 2013KMD-212	2.1/2"	63
HDA 2013KMD-3	3"	63

Tech Sheet 6189

Single Acting, Butt Weld

0929	Size	Max Pressure bar
HSA 2012KMD-12	1/2"	138
HSA 2012KMD-34	3/4"	138
HSA 2012KMD-1	1"	138
HSA 2012KMD-112	1.1/2"	103
HSA 2012KMD-2	2"	103

Tech Sheet 6189

Double Acting, Butt Weld

0929	Size	Max Pressure bar
HDA 2012KMD-12	1/2"	138
HDA 2012KMD-34	3/4"	138
HDA 2012KMD-1	1"	138
HDA 2012KMD-112	1.1/2"	103
HDA 2012KMD-2	2"	103

Tech Sheet 6189

Single Acting, Socket Weld

0929	Thread	Max Pressure bar
HSA 2011KMD-12	1/2"	138
HSA 2011KMD-34	3/4"	138
HSA 2011KMD-1	1"	138
HSA 2011KMD-114	1.1/4"	103
HSA 2011KMD-112	1.1/2"	103
HSA 2011KMD-2	2"	103

Tech Sheet 6189

Double Acting, Socket Weld

0929	Thread	Max Pressure bar
HDA 2011KMD-12	1/2"	138
HDA 2011KMD-34	3/4"	138
HDA 2011KMD-1	1"	138
HDA 2011KMD-114	1.1/4"	103
HDA 2011KMD-112	1.1/2"	103
HDA 2011KMD-2	2"	103

Tech Sheet 6189

Fire Safe Carbon Steel Ball Valves Fitted with a Pneumatic Actuator

Single Acting, BSPP

0929	Thread	Max Pressure bar
HSA 2013KMD-12C	1/2"	138
HSA 2013KMD-34C	3/4"	138
HSA 2013KMD-1C	1"	138
HSA 2013KMD-114C	1.1/4"	103
HSA 2013KMD-112C	1.1/2"	103
HSA 2013KMD-2C	2"	103
HSA 2013KMD-212C	2.1/2"	63
HSA 2013KMD-3C	3"	63

Tech Sheet 6189

Double Acting, BSPP

0929	Thread	Max Pressure bar
HDA 2013KMD-12C	1/2"	138
HDA 2013KMD-34C	3/4"	138
HDA 2013KMD-1C	1"	138
HDA 2013KMD-114C	1.1/4"	103
HDA 2013KMD-112C	1.1/2"	103
HDA 2013KMD-2C	2"	103
HDA 2013KMD-212C	2.1/2"	63
HDA 2013KMD-3C	3"	63

Tech Sheet 6189



Stainless Steel 3 Way Ball Valves Fitted with a Pneumatic Actuator

Features:

- Sized based on 10 bar pilot air and wet non-abrasive duty at +90°C

Working Temperature:
 -25°C to +180°C (valve)
 -20°C to +90°C (actuator)

Maximum Working Pressure:
 63 bar



Single Acting, L Port, BSPP

0929	Thread
HSA 2040-14	1/4"
HSA 2040-38	3/8"
HSA 2040-12	1/2"
HSA 2040-34	3/4"
HSA 2040-1	1"
HSA 2040-114	1.1/4"
HSA 2040-112	1.1/2"
HSA 2040-2	2"
HSA 2040-212	2.1/2"

Tech Sheet 6190

Double Acting, L Port, BSPP

0929	Thread
HDA 2040-14	1/4"
HDA 2040-38	3/8"
HDA 2040-12	1/2"
HDA 2040-34	3/4"
HDA 2040-1	1"
HDA 2040-114	1.1/4"
HDA 2040-112	1.1/2"
HDA 2040-2	2"
HDA 2040-212	2.1/2"

Tech Sheet 6190

Single Acting, T Port, BSPP

0929	Thread
HSA 2041-14	1/4"
HSA 2041-38	3/8"
HSA 2041-12	1/2"
HSA 2041-34	3/4"
HSA 2041-1	1"
HSA 2041-114	1.1/4"
HSA 2041-112	1.1/2"
HSA 2041-2	2"
HSA 2041-212	2.1/2"

Tech Sheet 6190

Double Acting, T Port, BSPP

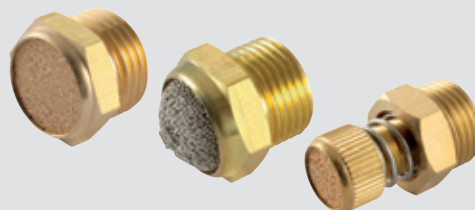
0929	Thread
HDA 2041-14	1/4"
HDA 2041-38	3/8"
HDA 2041-12	1/2"
HDA 2041-34	3/4"
HDA 2041-1	1"
HDA 2041-114	1.1/4"
HDA 2041-112	1.1/2"
HDA 2041-2	2"
HDA 2041-212	2.1/2"

Tech Sheet 6190

Looking for bespoke Flow Path Configuration?
Contact our technical team.



Customers who bought from this page also purchased
Flat Brass & Sintered Bronze Silencers
 see page 631




HAITIMA ACTUATION


Stainless Steel Hygienic Ball Valves Fitted with a Pneumatic Actuator

Features:

- Cavity filled seat
- ATEX II 2GD c T5 certification
- Sized based on 10 bar pilot air and wet non-abrasive duty at +90°C

 **Working Temperature:**
-20°C to +200°C (valve)
-20°C to +90°C (actuator)



 **Maximum Working Pressure:**
10 bar
Suitable for up to 10 bar saturated steam with a TSM

Single Acting, Butt Weld

0929	Size
HSA 2012CD-12	1/2"
HSA 2012CD-34	3/4"
HSA 2012CD-1	1"
HSA 2012CD-112	1.1/2"
HSA 2012CD-2	2"
HSA 2012CD-212	2.1/2"
HSA 2012CD-3	3"
HSA 2012CD-4	4"
Tech Sheet 6191	

Double Acting, Butt Weld

0929	Size
HDA 2012CD-12	1/2"
HDA 2012CD-34	3/4"
HDA 2012CD-1	1"
HDA 2012CD-112	1.1/2"
HDA 2012CD-2	2"
HDA 2012CD-212	2.1/2"
HDA 2012CD-3	3"
HDA 2012CD-4	4"
Tech Sheet 6191	

Single Acting, Clamp

0929	Size
HSA 2013CD-12	1/2"
HSA 2013CD-34	3/4"
HSA 2013CD-1	1"
HSA 2013CD-112	1.1/2"
HSA 2013CD-2	2"
HSA 2013CD-212	2.1/2"
HSA 2013CD-3	3"
HSA 2013CD-4	4"
Tech Sheet 6191	

Double Acting, Clamp

0929	Size
HDA 2013CD-12	1/2"
HDA 2013CD-34	3/4"
HDA 2013CD-1	1"
HDA 2013CD-112	1.1/2"
HDA 2013CD-2	2"
HDA 2013CD-212	2.1/2"
HDA 2013CD-3	3"
HDA 2013CD-4	4"
Tech Sheet 6191	




Stainless Steel Hygienic 3 Way Ball Valves Fitted with a Pneumatic Actuator

Features:

- Cavity filled seat
- Sized based on 10 bar pilot air and wet non-abrasive duty at +90°C

 **Working Temperature:**
-20°C to +200°C (valve)
-20°C to +90°C (actuator)

 **Maximum Working Pressure:**
10 bar
Suitable for up to 10 bar saturated steam with a TSM

Single Acting, L Port, Butt Weld

0929	Size
HSA 2057CBL-12	1/2"
HSA 2057CBL-1	1"
HSA 2057CBL-112	1.1/2"
HSA 2057CBL-2	2"
HSA 2057CBL-212	2.1/2"
HSA 2057CBL-3	3"
HSA 2057CBL-4	4"
Tech Sheet 6192	

Double Acting, L Port, Butt Weld

0929	Size
HDA 2057CBL-12	1/2"
HDA 2057CBL-1	1"
HDA 2057CBL-112	1.1/2"
HDA 2057CBL-2	2"
HDA 2057CBL-212	2.1/2"
HDA 2057CBL-3	3"
HDA 2057CBL-4	4"
Tech Sheet 6192	

Single Acting, T Port, Butt Weld

0929	Size
HSA 2057CBT-12	1/2"
HSA 2057CBT-1	1"
HSA 2057CBT-112	1.1/2"
HSA 2057CBT-2	2"
HSA 2057CBT-212	2.1/2"
HSA 2057CBT-3	3"
HSA 2057CBT-4	4"
Tech Sheet 6192	

Double Acting, T Port, Butt Weld


0929	Size
HDA 2057CBT-12	1/2"
HDA 2057CBT-1	1"
HDA 2057CBT-112	1.1/2"
HDA 2057CBT-2	2"
HDA 2057CBT-212	2.1/2"
HDA 2057CBT-3	3"
HDA 2057CBT-4	4"
Tech Sheet 6192	



Fire Safe Stainless Steel Ball Valves Fitted with a Pneumatic Actuator

Features:

- Fire Safe approved and anti-static device (valve only)
- ATEX II 2GD c T5 certificatio
- Sized based on 10 bar pilot air and wet non-abrasive duty at +90°C

 **Working Temperature:**
 -20°C to +200°C (valve)
 -20°C to +90°C (actuator)



Suitable for up to 12 bar saturated steam with a TSM



Single Acting, Flanged PN16

0929	Size	Max Pressure bar
HSA 2019D 04	1/2"	40
HSA 2019D 05	3/4"	40
HSA 2019D 06	1"	40
HSA 2019D 07	1.1/4"	40
HSA 2019D 08	1.1/2"	40
HSA 2019D 09	2"	40
HSA 2019D 10	2.1/2"	16
HSA 2019D 11	3"	16
HSA 2019D 12	4"	16
HSA 2019D 13	5"	16
HSA 2019D 14	6"	16
HSA 2019D 16	8"	16

Tech Sheet 6193

Double Acting, Flanged PN16

0929	Size	Max Pressure bar
HDA 2019D 04	1/2"	40
HDA 2019D 05	3/4"	40
HDA 2019D 06	1"	40
HDA 2019D 07	1.1/4"	40
HDA 2019D 08	1.1/2"	40
HDA 2019D 09	2"	40
HDA 2019D 10	2.1/2"	16
HDA 2019D 11	3"	16
HDA 2019D 12	4"	16
HDA 2019D 13	5"	16
HDA 2019D 14	6"	16
HDA 2019D 16	8"	16

Tech Sheet 6193

Single Acting, Flanged PN40

0929	Size	Max Pressure bar
HSA 2019D4 10	2.1/2"	40
HSA 2019D4 11	3"	40
HSA 2019D4 12	4"	40

Tech Sheet 6193

Double Acting, Flanged PN40

0929	Size	Max Pressure bar
HDA 2019D4 10	2.1/2"	40
HDA 2019D4 11	3"	40
HDA 2019D4 12	4"	40

Tech Sheet 6193



You might also need...
Stainless Steel Flanges
 ...see page 1195




HAITIMA ACTUATION


Stainless Steel Flanged Ball Valves Fitted with a Pneumatic Actuator

Features:

- Fire Safe approved and anti-static device (valve only)
- ATEX II 2GD c T5 certificatio
- Sized based on 10 bar pilot air and wet non-abrasive duty at +90°C

 **Working Temperature:**
-20°C to +230°C (valve)
-20°C to +90°C (actuator)



 **Maximum Working Pressure:**
19.6 bar
Suitable for up to 12 bar saturated steam with a TSM



Single Acting, ANSI150

0929	Size
HSA 2020D 04	1/2"
HSA 2020D 05	3/4"
HSA 2020D 06	1"
HSA 2020D 07	1.1/4"
HSA 2020D 08	1.1/2"
HSA 2020D 09	2"
HSA 2020D 10	2.1/2"
HSA 2020D 11	3"
HSA 2020D 12	4"
HSA 2020D 14	6"

Tech Sheet 6194

Double Acting, ANSI150

0929	Size
HDA 2020D 04	1/2"
HDA 2020D 05	3/4"
HDA 2020D 06	1"
HDA 2020D 07	1.1/4"
HDA 2020D 08	1.1/2"
HDA 2020D 09	2"
HDA 2020D 10	2.1/2"
HDA 2020D 11	3"
HDA 2020D 12	4"
HDA 2020D 14	6"

Tech Sheet 6194

HAITIMA ACTUATION

Cast Iron Flanged Ball Valves Fitted with a Pneumatic Actuator

Features:

- 304 stainless steel ball and stem
- ATEX II 2GD c T5 certificatio
- Sized based on 10 bar pilot air and wet non-abrasive duty at +90°C

 **Working Temperature:**
-10°C to +200°C (valve)
-20°C to +90°C (actuator)



 **Maximum Working Pressure:**
16 bar



Single Acting, PN16

0929	Size
HSA 150HIT 04	1/2"
HSA 150HIT 05	3/4"
HSA 150HIT 06	1"
HSA 150HIT 07	1.1/4"
HSA 150HIT 08	1.1/2"
HSA 150HIT 09	2"
HSA 150HIT 10	2.1/2"
HSA 150HIT 11	3"
HSA 150HIT 12	4"
HSA 150HIT 13	5"
HSA 150HIT 14	6"
HSA 150HIT 16	8"

Tech Sheet 6200

Double Acting, PN16


0929	Size
HDA 150HIT 04	1/2"
HDA 150HIT 05	3/4"
HDA 150HIT 06	1"
HDA 150HIT 07	1.1/4"
HDA 150HIT 08	1.1/2"
HDA 150HIT 09	2"
HDA 150HIT 10	2.1/2"
HDA 150HIT 11	3"
HDA 150HIT 12	4"
HDA 150HIT 13	5"
HDA 150HIT 14	6"
HDA 150HIT 16	8"


Tech Sheet 6200

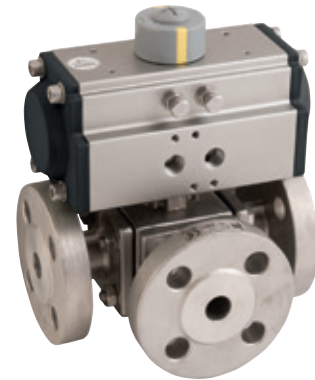
Stainless Steel Flanged 3 Way Ball Valves Fitted with a Pneumatic Actuator

Features:

- Sized based on 10 bar pilot air and wet non-abrasive duty at +90°C

 **Working Temperature:**
 -20°C to +200°C (valve)
 -20°C to +90°C (actuator)

 **Maximum Working Pressure:**
 16 bar: PN16
 19.6 bar: ANSI150



Single Acting, L Port, PN16

0929	Size
HSA 2059DL16 04	1/2"
HSA 2059DL16 06	1"
HSA 2059DL16 08	1.1/2"
HSA 2059DL16 09	2"
HSA 2059DL16 10	2.1/2"
HSA 2059DL16 11	3"
HSA 2059DL16 12	4"
HSA 2059DL16 14	6"

Tech Sheet 6195

Double Acting, L Port PN16

0929	Size
HDA 2059DL16 04	1/2"
HDA 2059DL16 06	1"
HDA 2059DL16 08	1.1/2"
HDA 2059DL16 09	2"
HDA 2059DL16 10	2.1/2"
HDA 2059DL16 11	3"
HDA 2059DL16 12	4"
HDA 2059DL16 14	6"

Tech Sheet 6195

Single Acting, L Port, ANSI150

0929	Size
HSA 2059DL150 04	1/2"
HSA 2059DL150 06	1"
HSA 2059DL150 08	1.1/2"
HSA 2059DL150 09	2"
HSA 2059DL150 11	3"
HSA 2059DL150 12	4"
HSA 2059DL150 14	6"

Tech Sheet 6195

Double Acting, L Port ANSI150

0929	Size
HDA 2059DL150 04	1/2"
HDA 2059DL150 06	1"
HDA 2059DL150 08	1.1/2"
HDA 2059DL150 09	2"
HDA 2059DL150 11	3"
HDA 2059DL150 12	4"
HDA 2059DL150 14	6"

Tech Sheet 6195

Single Acting, T Port, PN16

0929	Size
HSA 2059DT16 04	1/2"
HSA 2059DT16 06	1"
HSA 2059DT16 08	1.1/2"
HSA 2059DT16 09	2"
HSA 2059DT16 10	2.1/2"
HSA 2059DT16 11	3"
HSA 2059DT16 12	4"
HSA 2059DT16 14	6"

Tech Sheet 6195

Double Acting, T Port PN16

0929	Size
HDA 2059DT16 04	1/2"
HDA 2059DT16 06	1"
HDA 2059DT16 08	1.1/2"
HDA 2059DT16 09	2"
HDA 2059DT16 10	2.1/2"
HDA 2059DT16 11	3"
HDA 2059DT16 12	4"
HDA 2059DT16 14	6"

Tech Sheet 6195

Single Acting, T Port, ANSI150

0929	Size
HSA 2059DT150 04	1/2"
HSA 2059DT150 06	1"
HSA 2059DT150 08	1.1/2"
HSA 2059DT150 09	2"
HSA 2059DT150 11	3"
HSA 2059DT150 12	4"
HSA 2059DT150 14	6"

Tech Sheet 6195

Double Acting, T Port ANSI150

0929	Size
HDA 2059DT150 04	1/2"
HDA 2059DT150 06	1"
HDA 2059DT150 08	1.1/2"
HDA 2059DT150 09	2"
HDA 2059DT150 11	3"
HDA 2059DT150 12	4"
HDA 2059DT150 14	6"

Tech Sheet 6195

HAITIMA ACTUATION



Wafer Pattern Butterfly Valves Fitted with a Pneumatic Actuator

Features:

- To suit flanges PN6/10/16, ANSI150 and BS 10able D/E
- Sized based on 10 bar pilot air and wet non-abrasive duty at +80°C



- Working Temperature:**
- 20°C to +120°C (WA and WC)
 - 0°C to +80°C (WB and WD)
 - 20°C to 90°C (actuator)
- Excluding ice and steam

- Maximum Working Pressure:**
- 16 bar



Single Acting, Ductile Iron Body, EPDM Liner, Stainless Steel Disc (WRAS Approved Valve)

0929	Size
HSA 2014WA 08	1.1/2"
HSA 2014WA 09	2"
HSA 2014WA 10	2.1/2"
HSA 2014WA 11	3"
HSA 2014WA 12	4"
HSA 2014WA 13	5"
HSA 2014WA 14	6"
HSA 2014WA 16	8"
HSA 2014WA 18	10"
HSA 2014WA 20	12"

Tech Sheet 6204

Double Acting, Ductile Iron Body, EPDM Liner, Stainless Steel Disc (WRAS Approved Valve)

0929	Size
HDA 2014WA 08	1.1/2"
HDA 2014WA 09	2"
HDA 2014WA 10	2.1/2"
HDA 2014WA 11	3"
HDA 2014WA 12	4"
HDA 2014WA 13	5"
HDA 2014WA 14	6"
HDA 2014WA 16	8"
HDA 2014WA 18	10"
HDA 2014WA 20	12"

Tech Sheet 6204

Single Acting, Cast Iron Body, NBR Liner, Stainless Steel Disc

0929	Size
HSA 2014WB 08	1.1/2"
HSA 2014WB 09	2"
HSA 2014WB 10	2.1/2"
HSA 2014WB 11	3"
HSA 2014WB 12	4"
HSA 2014WB 13	5"
HSA 2014WB 14	6"
HSA 2014WB 16	8"
HSA 2014WB 18	10"
HSA 2014WB 20	12"

Tech Sheet 6204

Double Acting, Cast Iron Body, NBR Liner, Stainless Steel Disc

0929	Size
HDA 2014WB 08	1.1/2"
HDA 2014WB 09	2"
HDA 2014WB 10	2.1/2"
HDA 2014WB 11	3"
HDA 2014WB 12	4"
HDA 2014WB 13	5"
HDA 2014WB 14	6"
HDA 2014WB 16	8"
HDA 2014WB 18	10"
HDA 2014WB 20	12"

Tech Sheet 6204

Single Acting, Cast Iron Body, EPDM Liner, Ductile Iron Nickel Plated Disc

0929	Size
HSA 2014WC 09	2"
HSA 2014WC 10	2.1/2"
HSA 2014WC 11	3"
HSA 2014WC 12	4"
HSA 2014WC 13	5"
HSA 2014WC 14	6"
HSA 2014WC 16	8"
HSA 2014WC 18	10"
HSA 2014WC 20	12"

Tech Sheet 6204

Double Acting, Cast Iron Body, EPDM Liner, Ductile Iron Nickel Plated Disc

0929	Size
HDA 2014WC 09	2"
HDA 2014WC 10	2.1/2"
HDA 2014WC 11	3"
HDA 2014WC 12	4"
HDA 2014WC 13	5"
HDA 2014WC 14	6"
HDA 2014WC 16	8"
HDA 2014WC 18	10"
HDA 2014WC 20	12"

Tech Sheet 6204

Single Acting, Cast Iron Body, NBR Liner, Ductile Iron Nickel Plated Disc

0929	Size
HSA 2014WD 09	2"
HSA 2014WD 10	2.1/2"
HSA 2014WD 11	3"
HSA 2014WD 12	4"
HSA 2014WD 13	5"
HSA 2014WD 14	6"
HSA 2014WD 16	8"
HSA 2014WD 18	10"
HSA 2014WD 20	12"

Tech Sheet 6204

Double Acting, Cast Iron Body, NBR Liner, Ductile Iron Nickel Plated Disc

0929	Size
HDA 2014WD 09	2"
HDA 2014WD 10	2.1/2"
HDA 2014WD 11	3"
HDA 2014WD 12	4"
HDA 2014WD 13	5"
HDA 2014WD 14	6"
HDA 2014WD 16	8"
HDA 2014WD 18	10"
HDA 2014WD 20	12"

Tech Sheet 6204



You might also need...
NAMUR 5/2 Solenoid Valve
...see page 1020



Wafer Pattern Butterfly Valves Fitted with a Pneumatic Actuator

Features:

- To suit flanges PN6/10/16, ANSI150 and BS 10able D/E
- Sized based on 10 bar pilot air and wet non-abrasive duty at +80°C

- Working Temperature:**
 -40°C to +200°C (valve)
 -20°C to +90°C (actuator)



Single Acting, Ductile Iron Body, Fully Lined PTFE

0929	Size	Max Pressure bar
HSA 2014WP 09	2"	16
HSA 2014WP 10	2.1/2"	16
HSA 2014WP 11	3"	16
HSA 2014WP 12	4"	16
HSA 2014WP 13	5"	16
HSA 2014WP 14	6"	16
HSA 2014WP 16	8"	16
HSA 2014WP 18	10"	16
HSA 2014WP 20	12"	10

Tech Sheet 6205

Double Acting, Ductile Iron Body, Fully Lined PTFE

0929	Size	Max Pressure bar
HDA 2014WP 09	2"	16
HDA 2014WP 10	2.1/2"	16
HDA 2014WP 11	3"	16
HDA 2014WP 12	4"	16
HDA 2014WP 13	5"	16
HDA 2014WP 14	6"	16
HDA 2014WP 16	8"	16
HDA 2014WP 18	10"	16
HDA 2014WP 20	12"	10

Tech Sheet 6205

Lugged & Tapped Butterfly Valves Fitted with a Pneumatic Actuator

Features:

- To suit PN16 flanges
- Sized based on 10 bar pilot air and wet non-abrasive duty at +80°C



- Working Temperature:**
 -20°C to +120°C (2014LA)
 0°C to +80°C (2014LB)
 -20°C to +90°C (actuator)
 Excluding ice and steam

- Maximum Working Pressure:**
 16 bar



Single Acting, Ductile Iron Body, EPDM Liner, Stainless Steel Disc (WRAS Approved Valve)

0929	Size
HSA 2014LA 08	1.1/2"
HSA 2014LA 09	2"
HSA 2014LA 10	2.1/2"
HSA 2014LA 11	3"
HSA 2014LA 12	4"
HSA 2014LA 13	5"
HSA 2014LA 14	6"
HSA 2014LA 16	8"
HSA 2014LA 18	10"
HSA 2014LA 20	12"

Tech Sheet 6206

Double Acting, Ductile Iron Body, EPDM Liner, Stainless Steel Disc (WRAS Approved Valve)

0929	Size
HDA 2014LA 08	1.1/2"
HDA 2014LA 09	2"
HDA 2014LA 10	2.1/2"
HDA 2014LA 11	3"
HDA 2014LA 12	4"
HDA 2014LA 13	5"
HDA 2014LA 14	6"
HDA 2014LA 16	8"
HDA 2014LA 18	10"
HDA 2014LA 20	12"

Tech Sheet 6206

Single Acting, Ductile Iron Body, NBR Liner, Stainless Steel Disc

0929	Size
HDA 2014LB 08	1.1/2"
HDA 2014LB 09	2"
HDA 2014LB 10	2.1/2"
HDA 2014LB 11	3"
HDA 2014LB 12	4"
HDA 2014LB 13	5"
HDA 2014LB 14	6"
HDA 2014LB 16	8"
HDA 2014LB 18	10"
HDA 2014LB 20	12"

Tech Sheet 6206

Double Acting, Ductile Iron Body, NBR Liner, Stainless Steel Disc

0929	Size
HSA 2014LB 08	1.1/2"
HSA 2014LB 09	2"
HSA 2014LB 10	2.1/2"
HSA 2014LB 11	3"
HSA 2014LB 12	4"
HSA 2014LB 13	5"
HSA 2014LB 14	6"
HSA 2014LB 16	8"
HSA 2014LB 18	10"
HSA 2014LB 20	12"

Tech Sheet 6206

**Features:**

- ATEX II 3GD T3 certification
- Provides high flow rates with low pressure drop
- Other sizes or flange dimensions are available on request

Type A Unidirectional Knife Gate Valves Fitted with a Pneumatic Cylinder

- Suitable for liquids that contain a maximum of 5% suspended solids

Pressure Equipment Directive:
DIR 97/23/EC (PED) Art. 4.3, Cat. 1

Working Temperature:
0°C to +90°C



Type AB Bidirectional Knife Gate Valves Fitted with a Pneumatic Cylinder

- Suitable for liquids that contain a maximum of 4% suspended solids

Pressure Equipment Directive:
DIR 97/23/EC (PED) Art. 4.3, Cat. 1

Working Temperature:
0°C to +90°C



Double Acting, Cast Iron Body, 304SS Blade, EPDM Seat

0944	Size	DN	Flange	Max Pressure bar
A1N2H2 09	2"	50	PN10/16	10
A1N2H2 10	2.1/2"	65	PN10/16	10
A1N2H2 11	3"	80	PN10/16	10
A1N2H2 12	4"	100	PN10/16	10
A1N2H2 13	5"	125	PN10/16	10
A1N2H2 14	6"	150	PN10/16	10
A1N2H2 16	8"	200	PN10	10
A1N2H2 18	10"	250	PN10	10
A1N2H2 20	12"	300	PN10	6
A3N2H2 16	8"	200	PN16	10
A3N2H2 18	10"	250	PN16	10
A3N2H2 20	12"	300	PN16	6

Tech Sheet 10246

Double Acting, Cast Iron Body, 304SS Blade, EPDM Seat

0944	Size	DN	Flange	Max Pressure bar
AB1N2H2 09	2"	50	PN10/16	10
AB1N2H2 10	2.1/2"	65	PN10/16	10
AB1N2H2 11	3"	80	PN10/16	10
AB1N2H2 12	4"	100	PN10/16	10
AB1N2H2 13	5"	125	PN10/16	10
AB1N2H2 14	6"	150	PN10/16	10
AB1N2H2 16	8"	200	PN10	8
AB1N2H2 18	10"	250	PN10	6
AB1N2H2 20	12"	300	PN10	6

Tech Sheet 6242

Limit Switches are also available on request
Please contact our sales team.

Brass Nickel Plated Ball Valves Fitted with a J2-10 Electric Actuator

Features:

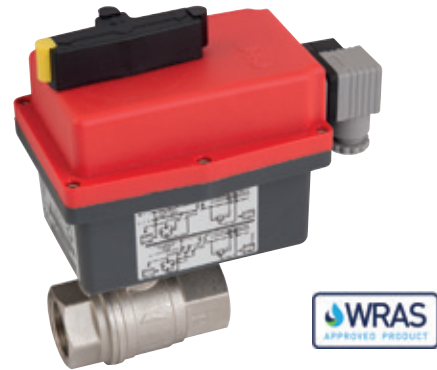
- L10: 24V DC/V AC 50/60Hz
H10: 110-240V DC/V AC 50/60Hz
- Failsafe and/or modulating configurations cannot be used with the J2-10 electric actuator
- Sized based on 10 bar wet non-abrasive duty at +70°C

° Working Temperature:

- 20°C to +170°C (valve)
- 20°C to +70°C (actuator)

Maximum Working Pressure:

40 bar



BSPP, Low Voltage

0956	Thread
L10 6400-12	1/2"
L10 6400-34	3/4"
L10 6400-1	1"
L10 6400-114	1.1/4"

Tech Sheet 6259

BSPP, High Voltage

0956	Thread
H10 6400-12	1/2"
H10 6400-34	3/4"
H10 6400-1	1"
H10 6400-114	1.1/4"

Tech Sheet 6259

Brass Nickel Plated Ball Valves Fitted with a J2-10 Electric Actuator

Features:

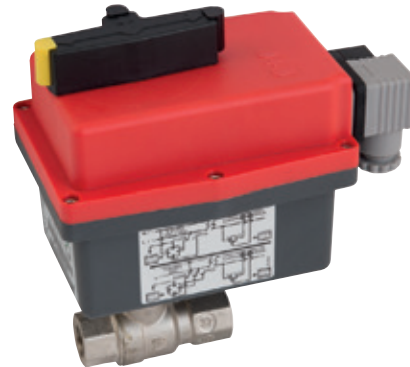
- L10: 24V DC/V AC 50/60Hz
H10: 110-240V DC/V AC 50/60Hz
- Failsafe and/or modulating configurations cannot be used with the J2-10 electric actuator
- Sized based on 10 bar wet non-abrasive duty at +70°C

° Working Temperature:

- 20°C to +130°C (valve)
- 20°C to +70°C (actuator)

Maximum Working Pressure:

40 bar



BSPP, Low Voltage

0956	Thread
L10 1021-14	1/4"
L10 1021-38	3/8"

Tech Sheet 6260

BSPP, High Voltage

0956	Thread
H10 1021-14	1/4"
H10 1021-38	3/8"

Tech Sheet 6260

Do you require the WRAS certificate?
Contact our sales team and they will send this to you by email.

J+J ACTUATION



Brass Nickel Plated 3 Way Ball Valves Fitted with a J2-10 Electric Actuator

Features:

- L10: 24V DC/V AC 50/60Hz
H10: 110-240V DC/V AC 50/60Hz
- Failsafe and/or modulating configurations cannot be used with the J2-10 electric actuator
- Sized based on 10 bar wet non-abrasive duty at +70°C



Working Temperature:

- 20°C to +130°C (valve)
- 20°C to +70°C (actuator)



Maximum Working Pressure:

40 bar



BSPP, Low Voltage, L Port

0956	Thread
L10 1071-14	1/4"
L10 1071-38	3/8"
L10 1071-12	1/2"
L10 1071-34	3/4"

Tech Sheet 6261

BSPP, Low Voltage, T Port

0956	Thread
L10 1070-14	1/2"
L10 1070-38	3/4"
L10 1070-12	1"
L10 1070-34	1.1/4"

Tech Sheet 6259

BSPP, High Voltage, L Port

0956	Thread
H10 1071-14	1/4"
H10 1071-38	3/8"
H10 1071-12	1/2"
H10 1071-34	3/4"

Tech Sheet 6261

BSPP, High Voltage, T Port

0956	Thread
H10 1070-14	1/2"
H10 1070-38	3/4"
H10 1070-12	1"
H10 1070-34	1.1/4"

Tech Sheet 6259

Brass Nickel Plated Ball Valves Fitted with a J4CS Electric Actuator

Features:

- Multi voltage 24-240V DC/V AC 50/60Hz
- Multicoloured LED light for continuous status feedback for the user
- Electronic torque limiter with auto gearbox relaxing
- Failsafe and/or modulating configurations can be used with the J4CS electric actuator
- Sized based on 10 bar wet non-abrasive duty at +70°C



Working Temperature:

- 20°C to +130°C (valve)
- 20°C to +70°C (actuator)



Maximum Working Pressure:

40 bar

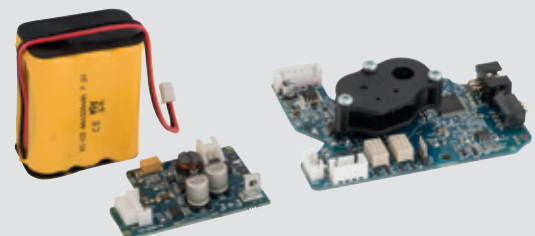


BSPP, Multi Voltage

0956	Thread
S20 1021-14	1/4"
S20 1021-38	3/8"

Tech Sheet 6491

Do you require...
failsafe and/or modulating configurations?
 ...see page 1019



Brass Nickel Plated Ball Valves Fitted with a J4CS Electric Actuator

Features:

- Multi voltage 24-240 VDC/VAC 50/60Hz
- Multicoloured LED light for continuous status feedback for the user
- Electronic torque limiter with auto gearbox relaxing
- Failsafe and/or modulating configurations can be used with the J4CS electric actuator
- Sized based on 10 bar wet non-abrasive duty at +70°C

° Working Temperature:

- 20°C to +170°C (valve)
- 20°C to +70°C (actuator)

Maximum Working Pressure:

40 bar



BSPP, Multi Voltage

0956	Thread
S20 6400-12	1/2"
S20 6400-34	3/4"
S20 6400-1	1"
S20 6400-114	1.1/4"
S20 6400-112	1.1/2"
S20 6400-2	2"

Tech Sheet 6497

Features:

- Multi voltage 24-240 VDC/VAC 50/60Hz
- Multicoloured LED light for continuous status feedback for the user
- Electronic torque limiter with auto gearbox relaxing
- Failsafe and/or modulating configurations can be used with the J4CS electric actuator
- Sized based on 10 bar wet non-abrasive duty at +70°C

° Working Temperature:

- 20°C to +130°C (valve)
- 20°C to +70°C (actuator)



BSPP, L Port, Multi Voltage

0956	Thread	Max Pressure bar
S20 1071-14	1/4"	40
S20 1071-38	3/8"	40
S20 1071-12	1/2"	40
S20 1071-34	3/4"	40
S20 1071-1	1"	40
S20 1071-114	1.1/4"	40
S35 1071-112	1.1/2"	25
S55 1071-2	2"	25

Tech Sheet 6495

BSPP, T Port, Multi Voltage

0956	Thread	Max Pressure bar
S20 1070-14	1/4"	40
S20 1070-38	3/8"	40
S20 1070-12	1/2"	40
S20 1070-34	3/4"	40
S20 1070-1	1"	40
S20 1070-114	1.1/4"	40
S35 1070-112	1.1/2"	25
S55 1070-2	2"	25

Tech Sheet 6495

Do you require the WRAS certificate?

Contact our sales team and they will send this to you by email.

Stainless Steel Ball Valves Fitted with a J4CS Electric Actuator

Features:

- Multi voltage 24-240 VDC/VAC 50/60Hz
- Multicoloured LED light for continuous status feedback for the user
- Electronic torque limiter with auto gearbox relaxing
- Failsafe and/or modulating configurations can be used with the J4CS electric actuator
- Sized based on 10 bar wet non-abrasive duty at +70°C

 **Working Temperature:**
-20°C to +200°C (valve)
-20°C to +70°C (actuator)

 **Maximum Working Pressure:**
63 bar



BSPP, Multi Voltage

0956	Thread
S20 2006SD-14	1/4"
S20 2006SD-38	3/8"
S20 2006SD-12	1/2"
S20 2006SD-34	3/4"
S20 2006SD-1	1"
S20 2006SD-114	1.1/4"
S20 2006SD-112	1.1/2"
S55 2006SD-2	2"


Tech Sheet 6496

J+J ACTUATION

Stainless Steel Full Bore Ball Valves Fitted with a J4CS Electric Actuator

Features:

- Multi voltage 24-240 VDC/VAC 50/60Hz
- Multicoloured LED light for continuous status feedback for the user
- Electronic torque limiter with auto gearbox relaxing
- Failsafe and/or modulating configurations can be used with the J4CS electric actuator
- Sized based on 10 bar wet non-abrasive duty at +70°C

 **Working Temperature:**
-20°C to +200°C (valve)
-20°C to +70°C (actuator)

 **Maximum Working Pressure:**
63 bar



BSPP, Multi Voltage

0956	Thread
S20 2013ND-14	1/4"
S20 2013ND-38	3/8"
S20 2013ND-12	1/2"
S20 2013ND-34	3/4"
S20 2013ND-1	1"
S20 2013ND-114	1.1/4"
S35 2013ND-112	1.1/2"
S55 2013ND-2	2"
S55 2013ND-212	2.1/2"
S85 2013ND-3	3"
S140 2013ND-4	4"

Tech Sheet 6262

Butt Weld, Multi Voltage

0956	Size
S20 2012ND-12	1/2"
S20 2012ND-34	3/4"
S20 2012ND-1	1"
S20 2012ND-114	1.1/4"
S35 2012ND-112	1.1/2"
S55 2012ND-2	2"
S55 2012ND-212	2.1/2"
S85 2012ND-3	3"
S140 2012ND-4	4"

Tech Sheet 6262

Socket Weld, Multi Voltage

0956	Thread
S20 2011ND-12	1/2"
S20 2011ND-34	3/4"
S20 2011ND-1	1"
S20 2011ND-114	1.1/4"
S35 2011ND-112	1.1/2"
S55 2011ND-2	2"
S55 2011ND-212	2.1/2"
S85 2011ND-3	3"
S140 2011ND-4	4"

Tech Sheet 6262

Fire Safe Ball Valves Fitted with a J4CS Electric Actuator

Features:

- Fire Safe approved and anti-static device (valve only)
- Multi voltage 24-240V DC/V AC 50/60Hz
- Multicoloured LED light for continuous status feedback for the user
- Electronic torque limiter with auto gearbox relaxing
- Failsafe and/or modulating configurations can be used with the J4CS electric actuator
- Sized based on 10 bar wet non-abrasive duty at +70°C

Working Temperature:
 -20°C to +220°C (valve)
 -20°C to +70°C (actuator)

Suitable for up to 12 bar saturated steam with a TSM



Stainless Steel, BSPP, Multi Voltage

0956	Thread	Max Pressure bar
S20 2013KMD-12	1/2"	138
S20 2013KMD-34	3/4"	138
S20 2013KMD-1	1"	138
S20 2013KMD-114	1.1/4"	103
S35 2013KMD-112	1.1/2"	103
S55 2013KMD-2	2"	103
S85 2013KMD-212	2.1/2"	63
S140 2013KMD-3	3"	63

Tech Sheet 6490

Stainless Steel, Butt Weld, Multi Voltage

0956	Thread	Max Pressure bar
S20 2012KMD-12	1/2"	138
S20 2012KMD-34	3/4"	138
S20 2012KMD-1	1"	138
S35 2012KMD-112	1.1/2"	103
S55 2012KMD-2	2"	103

Tech Sheet 6490

Stainless Steel, Socket Weld, Multi Voltage

0956	Thread	Max Pressure bar
S20 2011KMD-12	1/2"	138
S20 2011KMD-34	3/4"	138
S20 2011KMD-1	1"	138
S20 2011KMD-114	1.1/4"	103
S35 2011KMD-112	1.1/2"	103
S55 2011KMD-2	2"	103

Tech Sheet 6490

Carbon Steel, BSPP, Multi Voltage

0956	Thread	Max Pressure bar
S20 2013KMD-12C	1/2"	138
S20 2013KMD-34C	3/4"	138
S20 2013KMD-1C	1"	138
S20 2013KMD-114C	1.1/4"	103
S35 2013KMD-112C	1.1/2"	103
S55 2013KMD-2C	2"	103
S85 2013KMD-212C	2.1/2"	63
S140 2013KMD-3C	3"	63

Tech Sheet 6490

Stainless Steel 3 Way Ball Valves Fitted with a J4CS Electric Actuator

Features:

- Multi voltage 24-240V DC/V AC 50/60Hz
- Multicoloured LED light for continuous status feedback for the user
- Electronic torque limiter with auto gearbox relaxing
- Failsafe and/or modulating configurations can be used with the J4CS electric actuator
- Sized based on 10 bar wet non-abrasive duty at +70°C

Working Temperature:
 -25°C to +180°C (valve)
 -20°C to +70°C (actuator)

Maximum Working Pressure:
 63 bar



BSPP, L Port, Multi Voltage

0956	Thread
S20 2040-14	1/4"
S20 2040-38	3/8"
S20 2040-12	1/2"
S20 2040-34	3/4"
S20 2040-1	1"
S35 2040-114	1.1/4"
S55 2040-112	1.1/2"
S85 2040-2	2"
S85 2040-212	2.1/2"

Tech Sheet 6489

BSPP, T Port, Multi Voltage


0956	Thread
S20 2041-14	1/4"
S20 2041-38	3/8"
S20 2041-12	1/2"
S20 2041-34	3/4"
S20 2041-1	1"
S35 2041-114	1.1/4"
S55 2041-112	1.1/2"
S85 2041-2	2"
S85 2041-212	2.1/2"


Tech Sheet 6489

Stainless Steel Hygienic Ball Valves Fitted with a J4CS Electric Actuator

Features:

- Cavity filled seats
- Multi voltage 24-240V DC/V AC 50/60Hz
- Multicoloured LED light for continuous status feedback for the user
- Electronic torque limiter with auto gearbox relaxing
- Failsafe and/or modulating configurations can be used with the J4CS electric actuator
- Sized based on 10 bar wet non-abrasive duty at +70°C

 **Working Temperature:**
-20°C to +200°C (valve)
-20°C to +70°C (actuator)

 **Maximum Working Pressure:**
10 bar
(Suitable for up to 10 bar saturated steam with a TSM)



Butt Weld, Multi Voltage

0956	Size
S20 2012CD-12	1/2"
S20 2012CD-34	3/4"
S20 2012CD-1	1"
S20 2012CD-112	1.1/2"
S35 2012CD-2	2"
S55 2012CD-212	2.1/2"
S55 2012CD-3	3"
S85 2012CD-4	4"

Tech Sheet 6488

Clamp, Multi Voltage


0956	Size
S20 2013CD-12	1/2"
S20 2013CD-34	3/4"
S20 2013CD-1	1"
S20 2013CD-112	1.1/2"
S35 2013CD-2	2"
S55 2013CD-212	2.1/2"
S55 2013CD-3	3"
S85 2013CD-4	4"

Tech Sheet 6488

Stainless Steel Hygienic 3 Way Ball Valves Fitted with a J4CS Electric Actuator

Features:

- Cavity filled seats
- Multi voltage 24-240V DC/V AC 50/60Hz
- Multicoloured LED light for continuous status feedback for the user
- Electronic torque limiter with auto gearbox relaxing
- Failsafe and/or modulating configurations can be used with the J4CS electric actuator
- Sized based on 10 bar wet non-abrasive duty at +70°C

 **Working Temperature:**
-20°C to +200°C (valve)
-20°C to +70°C (actuator)

 **Maximum Working Pressure:**
10 bar
(Suitable for up to 10 bar saturated steam with a TSM)



Butt Weld, L Port, Multi Voltage

0956	Size
S20 2057CBL-12	1/2"
S20 2057CBL-1	1"
S20 2057CBL-112	1.1/2"
S35 2057CBL-2	2"
S85 2057CBL-212	2.1/2"
S140 2057CBL-3	3"
S140 2057CBL-4	4"

Tech Sheet 6487

Butt Weld, T Port, Multi Voltage

0956	Size
S20 2057CBT-12	1/2"
S20 2057CBT-1	1"
S20 2057CBT-112	1.1/2"
S35 2057CBT-2	2"
S85 2057CBT-212	2.1/2"
S140 2057CBT-3	3"
S140 2057CBT-4	4"

Tech Sheet 6487

Fire Safe Ball Valves Fitted with a J4CS Electric Actuator

Features:

- Fire Safe approved and anti-static device (valve only)
- Multi voltage 24-240 VDC/VAC 50/60Hz
- Multicoloured LED light for continuous status feedback for the user
- Electronic torque limiter with auto gearbox relaxing
- Failsafe and/or modulating configurations can be used with the J4CS electric actuator
- Sized based on 10 bar wet non-abrasive duty at +70°C



Working Temperature: Suitable for up to 12 bar saturated steam with a TSM
 -20°C to +200°C (valve)
 -20°C to +70°C (actuator)



Stainless Steel, Flanged PN16, Multi Voltage

0956	Flange Size	Max Pressure bar
S20 2019D 04	1/2"	40
S20 2019D 05	3/4"	40
S20 2019D 06	1"	40
S20 2019D 07	1.1/4"	40
S35 2019D 08	1.1/2"	40
S35 2019D 09	2"	40
S55 2019D 10	2.1/2"	16
S55 2019D 11	3"	16
S85 2019D 12	4"	16
S300 2019D 13	5"	16

Tech Sheet 6492

Stainless Steel, Flanged PN40, Multi Voltage

0956	Flange Size	Max Pressure bar
S55 2019D4 10	2.1/2"	40
S55 2019D4 11	3"	40
S140 2019D4 12	4"	40

Tech Sheet 6492

Carbon Steel, Flanged PN16, Multi Voltage

0956	Flange Size	Max Pressure bar
S20 2019D 04C	1/2"	40
S20 2019D 05C	3/4"	40
S20 2019D 06C	1"	40
S20 2019D 07C	1.1/4"	40
S35 2019D 08C	1.1/2"	40
S35 2019D 09C	2"	40
S55 2019D 10C	2.1/2"	16
S55 2019D 11C	3"	16
S85 2019D 12C	4"	16

Tech Sheet 6492

Fire Safe Ball Valves Fitted with a J4CS Electric Actuator

Features:

- Fire Safe approved and anti-static device (valve only)
- Multi voltage 24-240 VDC/VAC 50/60Hz
- Multicoloured LED light for continuous status feedback for the user
- Electronic torque limiter with auto gearbox relaxing
- Failsafe and/or modulating configurations can be used with the J4CS electric actuator
- Sized based on 10 bar wet non-abrasive duty at +70°C



Working Temperature: Suitable for up to 12 bar saturated steam with a TSM
 -20°C to +230°C (valve)
 -20°C to +70°C (actuator)

Maximum Working Pressure: 19.6 bar



Flanged ANSI150, Stainless Steel, Multi Voltage

0956	Flange Size
S20 2020D 04	1/2"
S20 2020D 05	3/4"
S20 2020D 06	1"
S20 2020D 07	1.1/4"
S35 2020D 08	1.1/2"
S35 2020D 09	2"
S55 2020D 10	2.1/2"
S55 2020D 11	3"
S85 2020D 12	4"

Tech Sheet 6498

Flanged ANSI150, Carbon Steel, Multi Voltage


0956	Flange Size
S20 2020D 04C	1/2"
S20 2020D 05C	3/4"
S20 2020D 06C	1"
S20 2020D 07C	1.1/4"
S35 2020D 08C	1.1/2"
S35 2020D 09C	2"
S55 2020D 10C	2.1/2"
S55 2020D 11C	3"
S85 2020D 12C	4"


Tech Sheet 6498

Stainless Steel Flanged 3 Way Ball Valve Fitted with a J4CS Electric Actuator

Features:

- Multi voltage 24-240V DC/V AC 50/60Hz
- Multicoloured LED light for continuous status feedback for the user
- Electronic torque limiter with auto gearbox relaxing
- Failsafe and/or modulating configurations can be used with the J4CS electric actuator
- Sized based on 10 bar wet non-abrasive duty at +70°C

 **Working Temperature:**
-20°C to +200°C (valve)
-20°C to +70°C (actuator)

 **Maximum Working Pressure:**
16 bar: PN16
19.6 bar: ANSI150

Flanged PN16, L Port, Multi Voltage

0956	Flange Size
S20 2059DL16 04	1/2"
S35 2059DL16 06	1"
S55 2059DL16 08	1.1/2"
S85 2059DL16 09	2"
S140 2059DL16 10	2.1/2"
S300 2059DL16 11	3"
S300 2059DL16 12	4"

Tech Sheet 6486

Flanged PN16, T Port, Multi Voltage

0956	Flange Size
S20 2059DT16 04	1/2"
S35 2059DT16 06	1"
S55 2059DT16 08	1.1/2"
S85 2059DT16 09	2"
S140 2059DT16 10	2.1/2"
S300 2059DT16 11	3"
S300 2059DT16 12	4"

Tech Sheet 6486



Flanged ANSI150, L Port, Multi Voltage

0956	Flange Size
S20 2059DL150 04	1/2"
S35 2059DL150 06	1"
S55 2059DL150 08	1.1/2"
S85 2059DL150 09	2"

Tech Sheet 6486

Flanged ANSI150, T Port, Multi Voltage


0956	Flange Size
S20 2059DT150 04	1/2"
S35 2059DT150 06	1"
S55 2059DT150 08	1.1/2"
S85 2059DT150 09	2"

Tech Sheet 6486

Cast Iron Flanged PN16 Ball Valves Fitted with a J4CS Electric Actuator

Features:

- Multi voltage 24-240V DC/V AC 50/60Hz
- Multicoloured LED light for continuous status feedback for the user
- Electronic torque limiter with auto gearbox relaxing
- Failsafe and/or modulating configurations can be used with the J4CS electric actuator
- Sized based on 10 bar wet non-abrasive duty at +70°C

 **Working Temperature:**
-10°C to +200°C (valve)
-20°C to +70°C (actuator)

 **Maximum Working Pressure:**
16 bar

Flanged PN16, Multi Voltage

0956	Flange Size
S20 150HIT 04	1/2"
S20 150HIT 05	3/4"
S20 150HIT 06	1"
S20 150HIT 07	1.1/4"
S35 150HIT 08	1.1/2"
S55 150HIT 09	2"
S55 150HIT 10	2.1/2"
S85 150HIT 11	3"
S140 150HIT 12	4"
S300 150HIT 13	5"
S300 150HIT 14	6"

Tech Sheet 6483



Wafer Pattern Butterfly Valves Fitted with a J4CS Electric Actuator

Features:

- To suit flanges PN6/10/16, ANSI150 and BS 10" flange D/E
- Multi voltage 24-240 VDC/VAC 50/60Hz
- Multicoloured LED light for continuous status feedback for the user
- Electronic torque limiter with auto gearbox relaxing
- Failsafe and/or modulating configurations can be used with the J4CS electric actuator
- Sized based on 10 bar wet non-abrasive duty at +70°C

Working Temperature:
 -20°C to +120°C (WA and WC)
 0°C to +80°C (WB)
 -20°C to +70°C (actuator)
 Excluding ice and steam

Maximum Working Pressure:
 16 bar



Ductile Iron Body, EPDM Liner, Stainless Steel Disc, (WRAS Approved Valve), Multi Voltage

0956	Size
S20 2014WA 08	1.1/2"
S20 2014WA 09	2"
S20 2014WA 10	2.1/2"
S35 2014WA 11	3"
S55 2014WA 12	4"
S85 2014WA 13	5"
S140 2014WA 14	6"
S300 2014WA 16	8"

Tech Sheet 6494

Cast Iron Body, NBR Liner, Stainless Steel Disc, Multi Voltage

0956	Size
S20 2014WB 08	1.1/2"
S20 2014WB 09	2"
S20 2014WB 10	2.1/2"
S35 2014WB 11	3"
S55 2014WB 12	4"
S85 2014WB 13	5"
S140 2014WB 14	6"
S300 2014WB 16	8"

Tech Sheet 6494

Cast Iron Body, EPDM Liner, Ductile Iron Nickel Plated Disc, Multi Voltage

0956	Size
S20 2014WC 09	2"
S20 2014WC 10	2.1/2"
S35 2014WC 11	3"
S55 2014WC 12	4"
S85 2014WC 13	5"
S140 2014WC 14	6"
S300 2014WC 16	8"

Tech Sheet 6494

Wafer Pattern Butterfly Valves Fitted with a J4CS Electric Actuator

Features:

- To suit flanges PN6/10/16, ANSI150 and BS 10" flange D/E
- Multi voltage 24-240V DC/V AC 50/60Hz
- Multicoloured LED light for continuous status feedback for the user
- Electronic torque limiter with auto gearbox relaxing
- Failsafe and/or modulating configurations can be used with the J4CS electric actuator
- Sized based on 10 bar wet non-abrasive duty at +70°C

Working Temperature:
 -40°C to +200°C (valve)
 -20°C to +70°C (actuator)

Maximum Working Pressure:
 16 bar

Ductile Iron Body, Fully Lined PTFE, Multi Voltage

0956	Size
S20 2014WP 09	2"
S35 2014WP 10	2.1/2"
S55 2014WP 11	3"
S85 2014WP 12	4"
S140 2014WP 13	5"
S140 2014WP 14	6"

Tech Sheet 6479




J+J ACTUATION



Lugged and Tapped Butterfly Valves Fitted with a J4CS Electric Actuator

Features:

- To suit PN16 flange
- Multi voltage 24-240V DC/V AC 50/60Hz
- Multicoloured LED light for continuous status feedback for the user
- Electronic torque limiter with auto gearbox relaxing
- Failsafe and/or modulating configurations can be used with the J4CS electric actuator
- Sized based on 10 bar wet non-abrasive duty at +70°C

 **Working Temperature:**
-20°C to +120°C (2014LA)

0°C to +80°C (2014LB)
-20°C to +70°C (actuator)
Excluding ice and steam

 **Maximum Working Pressure:**
16 bar



Ductile Iron Body, EPDM Liner, Stainless Steel Disc, (WRAS Approved Valve), Multi Voltage

0956	Size
S20 2014LA 08	1.1/2"
S20 2014LA 09	2"
S20 2014LA 10	2.1/2"
S35 2014LA 11	3"
S55 2014LA 12	4"
S85 2014LA 13	5"
S140 2014LA 14	6"
S300 2014LA 16	8"

Tech Sheet 6493

Ductile Iron Body, NBR Liner, Stainless Steel Disc, Multi Voltage

0956	Size
S20 2014LB 08	1.1/2"
S20 2014LB 09	2"
S20 2014LB 10	2.1/2"
S35 2014LB 11	3"
S55 2014LB 12	4"
S85 2014LB 13	5"
S140 2014LB 14	6"
S300 2014LB 16	8"

Tech Sheet 6493

Do you require...
failsafe and/or modulating configurations?
...see page 1019

