

INDUSTRIAL VALVES

Flanged series for HVAC applications





ENGINEERED TO PERFORM

READY TO DELIVER

Pettinaroli supports **industrial applications** with selected product ranges **available directly from stock**. Thanks to an **automated warehouse** and optimized logistics processes, **fast response times and reliable delivery are ensured**, even in high-demand scenarios.

A **global network of local branches** ensures reliable deliveries and responsive technical support **close to each market**.

AUTOMATED WAREHOUSE

Advanced logistics systems ensure accuracy, traceability and efficiency.

STOCKED INDUSTRIAL RANGES

Key industrial products are stocked and ready to ship, ensuring immediate availability.

FAST AND RELIABLE DELIVERY

Optimized logistics processes guarantee consistent supply and reliable lead times.



BUTTERFLY VALVES

BF3SE-L



Butterfly valves LUG type for HVAC and water distribution. Ductile iron body with integrated ISO 5211 actuator mounting flange, stainless steel disc and EPDM seat.

Suitable for flanges according to EN 1092-2 PN16, with iron lever (from DN 32 to DN 150). RAL 5015 (blue) epoxy coated.

Size		Code
1 1/4" - DN 32	1	3703246000C
1 1/2" - DN 40	1	3704046000C
2" - DN 50	1	3705046000C
2 1/2" - DN 65	1	3706546000C
3" - DN 80	1	3708046000C
4" - DN 100	1	3710046000C
5" - DN 125	1	3712546000C
6" - DN 150	1	3715046000C

BF3SEAL



Butterfly valves LUG type for HVAC and water distribution. Ductile iron body with integrated ISO 5211 actuator mounting flange, stainless steel disc and EPDM seat.

Suitable for flanges according to ANSI class 150, with iron lever (from DN 32 to DN 150). RAL 9005 (black) epoxy coated.

Size		Code
1 1/4" - DN 32	1	3703246010C
1 1/2" - DN 40	1	3704046010C
2" - DN 50	1	3705046010C
2 1/2" - DN 65	1	3706546010C
3" - DN 80	1	3708046010C
4" - DN 100	1	3710046010C
5" - DN 125	1	3712546010C
6" - DN 150	1	3715046010C

BF3SE-G



Butterfly valves LUG type for HVAC and water distribution. Ductile iron body with integrated ISO 5211 actuator mounting flange, stainless steel disc and EPDM seat.

Suitable for flanges according to EN 1092-2 PN16, with gear box (from DN 200 to DN 600). RAL 5015 (blue) epoxy coated.

Size		Code
8" - DN 200	1	3720046000C
10" - DN 250	1	3725046000C
12" - DN 300	1	3730046000C
14" - DN 350	1	3735046000C
16" - DN 400	1	3740046000C
18" - DN 450	1	3745046000C
20" - DN 500	1	3750046000C
24" - DN 600	1	3760046000C

BF3SEAG



Butterfly valves LUG type for HVAC and water distribution. Ductile iron body with integrated ISO 5211 actuator mounting flange, stainless steel disc and EPDM seat.

Suitable for flanges according to ANSI class 150, with gear box (from DN 200 to DN 600). RAL 9005 (black) epoxy coated.


Size		Code
8" - DN 200	1	3720046010C
10" - DN 250	1	3725046010C
12" - DN 300	1	3730046010C
14" - DN 350	1	3735046010C
16" - DN 400	1	3740046010C
18" - DN 450	1	3745046010C
20" - DN 500	1	3750046010C
24" - DN 600	1	3760046010C

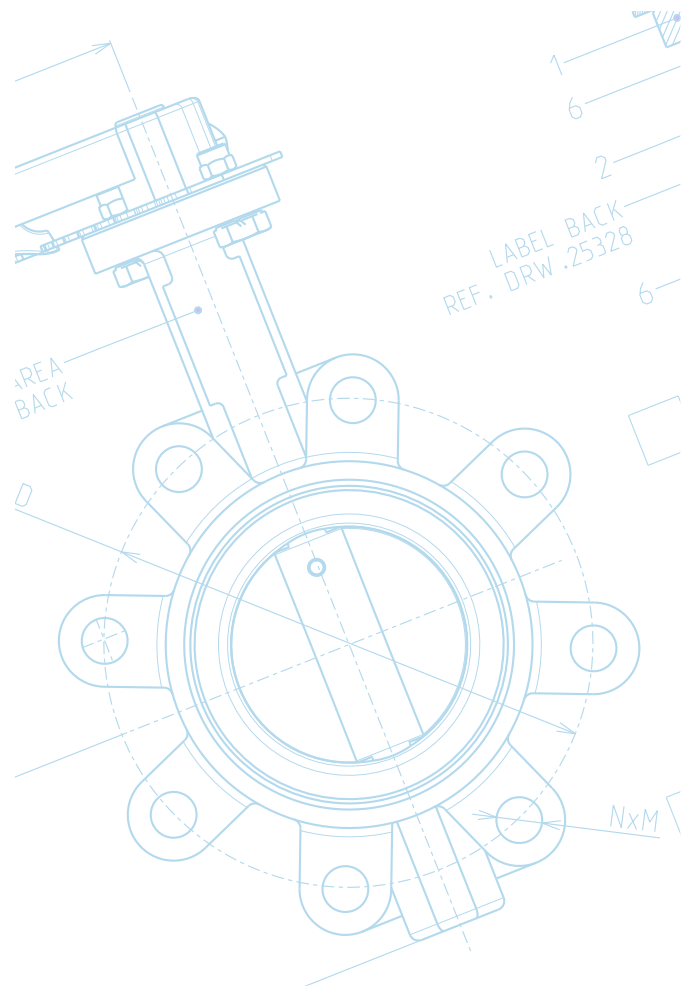
BF4SE-L



Butterfly valves WAFER type for HVAC and water distribution. Ductile iron body with integrated ISO 5211 actuator mounting flange, stainless steel disc and EPDM seat.

Suitable for flanges according to EN 1092-2 PN16 and ANSI class 150, with iron lever (from DN 32 to DN 150). RAL 5015 (blue) epoxy coated.

Size		Code
1 1/4" - DN 32	1	3703246020C
1 1/2" - DN 40	1	3704046020C
2" - DN 50	1	3705046020C
2 1/2" - DN 65	1	3706546020C
3" - DN 80	1	3708046020C
4" - DN 100	1	3710046020C
5" - DN 125	1	3712546020C
6" - DN 150	1	3715046020C




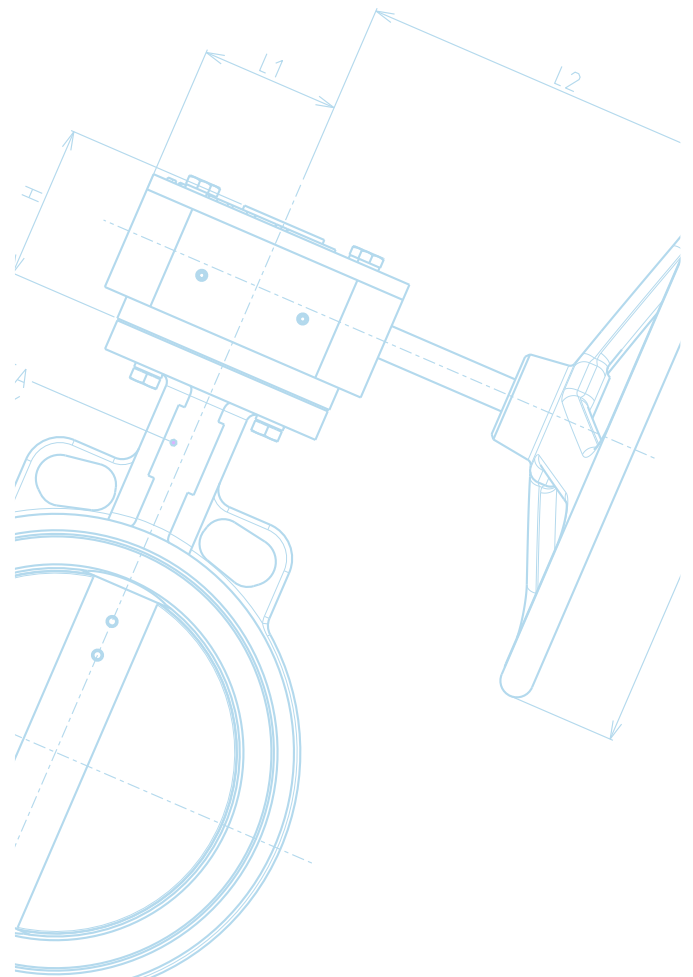
BF4SE-G



Butterfly valves WAFER type for HVAC and water distribution. Ductile iron body with integrated ISO 5211 actuator mounting flange, stainless steel disc and EPDM seat.

Suitable for flanges according to EN 1092-2 PN16 and ANSI class 150, with gear box (from DN 200 to DN 500). RAL 5015 (blue) epoxy coated.

Size		Code
8" - DN 200	1	3720046020C
10" - DN 250	1	3725046020C
12" - DN 300	1	3730046020C
14" - DN 350	1	3735046020C
16" - DN 400	1	3740046020C
18" - DN 450	1	3745046020C
20" - DN 500	1	3750046020C




BUTTERFLY ACTUATORS

EOT



Electromechanical compact actuator for BF3 - BF4 series - IP68 - ON/OFF
Adapters for connection to butterfly valve stem included.

Size		Code
EOT05 - 50 Nm - 220VAC	1	EOT0500220C
EOT10 - 100 Nm - 220VAC	1	EOT1000220C
EOT20 - 200 Nm - 220VAC	1	EOT2000220C
EOT40 - 400 Nm - 220VAC	1	EOT4000220C
EOT05 - 50 Nm - 110VAC	1	EOT0500110C
EOT10 - 100 Nm - 110VAC	1	EOT1000110C
EOT20 - 200 Nm - 110VAC	1	EOT2000110C
EOT40 - 400 Nm - 110VAC	1	EOT4000110C
EOT05 - 50 Nm - 24VAC	1	EOT0500024C
EOT10 - 100 Nm - 24VAC	1	EOT1000024C
EOT20 - 200 Nm - 24VAC	1	EOT2000024C
EOT40 - 400 Nm - 24VAC	1	EOT4000024C

The following options are available upon request:
 - 24 VDC power supply
 - modulating version [4-20mA or 0(2)-10V, including feedback]
 - position transmitter [4-20mA, for ON/OFF version] - not available for 50 Nm version


Actuator selection table for BF3 - BF4 series

BFV Size	EOT Series	EOM Series
2" - DN 50	EOT05	EOM2
2 1/2" - DN 65	EOT05	EOM2
3" - DN 80	EOT05	EOM2
4" - DN 100	EOT10	EOM2
5" - DN 125	EOT10	EOM2
6" - DN 150	EOT20	EOM3
8" - DN 200	EOT40	EOM3A
10" - DN 250		EOM5
12" - DN 300		EOM6
14" - DN 350		EOM7
16" - DN 400		EOM7A
18" - DN 450		EOM8
20" - DN500		EOM9
24" - DN600		EOM10

EOM



Electromechanical actuator with planetary gear technology for BF3 - BF4 series
 - IP68 - ON/OFF - 5 Year Warranty.
 Adapters for connection to butterfly valve stem included.

Size		Code
EOM2 - 100 Nm - 220VAC	1	EOM2000220C
EOM3 - 200 Nm - 220VAC	1	EOM3000220C
EOM3A - 300 Nm - 220VAC	1	EOM3A00220C
EOM5 - 600 Nm - 220VAC	1	EOM5000220C
EOM6 - 800 Nm - 220VAC	1	EOM6000220C
EOM7 - 1000 Nm - 220VAC	1	EOM7000220C
EOM7A - 1300 Nm - 220VAC	1	EOM7A00220C
EOM8 - 1700 Nm - 220VAC	1	EOM8000220C
EOM9 - 2300 Nm - 220VAC	1	EOM9000220C
EOM10 - 3500 Nm - 220VAC	1	EOM1000220C
EOM2 - 100 Nm - 110VAC	1	EOM2000110C
EOM3 - 200 Nm - 110VAC	1	EOM3000110C
EOM3A - 300 Nm - 110VAC	1	EOM3A00110C
EOM5 - 600 Nm - 110VAC	1	EOM5000110C
EOM6 - 800 Nm - 110VAC	1	EOM6000110C
EOM7 - 1000 Nm - 110VAC	1	EOM7000110C
EOM7A - 1300 Nm - 110VAC	1	EOM7A00110C
EOM8 - 1700 Nm - 110VAC	1	EOM800110C
EOM9 - 2300 Nm - 110VAC	1	EOM900110C
EOM10 - 3500 Nm - 110VAC	1	EOM1000110C
EOM2 - 100 Nm - 24VAC	1	
EOM3 - 200 Nm - 24VAC	1	
EOM3A - 300 Nm - 24VAC	1	EOM3A00024C
EOM5 - 600 Nm - 24VAC	1	EOM5000024C
EOM6 - 800 Nm - 24VAC	1	EOM6000024C
EOM7 - 1000 Nm - 24VAC	1	
EOM7A - 1300 Nm - 24VAC	1	
EOM8 - 1700 Nm - 24VAC	1	
EOM9 - 2300 Nm - 24VAC	1	
EOM10 - 3500 Nm - 24VAC	1	

The following options are available upon request:
 - 24 VDC power supply
 - modulating version [4-20mA or 0(2)-10V, including feedback]
 - position transmitter [4-20mA, for ON/OFF version]

ATDA



Pneumatic actuator double action for BF3 - BF4 series
Adapters for connection to butterfly valve stem included.

Size		Code
AT052DA - 25 Nm - 6 bar	1	AT052DA001C
AT063DA - 45 Nm - 6 bar	1	AT063DA001C
AT075DA - 75 Nm - 6 bar	1	AT075DA001C
AT092DA - 140 Nm - 6 bar	1	AT092DA001C
AT105DA - 208 Nm - 6 bar	1	AT105DA001C
AT125DA - 368 Nm - 6 bar	1	AT125DA001C
AT140DA - 554 Nm - 6 bar	1	AT140DA001C
AT160DA - 844 Nm - 6 bar	1	AT160DA001C
AT190DA - 1361 Nm - 6 bar	1	AT190DA001C
AT210DA - 1870 Nm - 6 bar	1	AT210DA001C
AT240DA - 2931 Nm - 6 bar	1	AT240DA001C
AT270DA - 4122 Nm - 6 bar	1	AT270DA001C


Actuator selection table for BF3 - BF4 series

	ATDA Series	ATSR Series
2" - DN 50	AT052DA	AT075SR-12
2 1/2" - DN 65	AT063DA	AT083SR-12
3" - DN 80	AT063DA	AT092SR-12
4" - DN 100	AT075DA	AT105SR-11
5" - DN 125	AT092DA	AT125SR-12
6" - DN 150	AT105DA	AT140SR-12
8" - DN 200	AT125DA	AT160SR-12
10" - DN 250	AT140DA	AT190SR-12
12" - DN 300	AT160DA	AT240SR-10
14" - DN 350	AT160DA	AT240SR-12
16" - DN 400	AT190DA	AT270SR-12
18" - DN 450	AT210DA	AT300SR-12
20" - DN500	AT240DA	AT350SR-10
24" - DN600	AT270DA	AT400SR-10

ATSR




Pneumatic actuator with spring return for BF3 - BF4 series
Adapters for connection to butterfly valve stem included.

Size		Code
AT075SR - 12 - 24 Nm - 6 bar	1	AT075SR120C
AT083SR - 12 - 36 Nm - 6 bar	1	AT083SR120C
AT092SR - 12 - 52 Nm - 6 bar	1	AT092SR120C
AT105SR - 11 - 86 Nm - 6 bar	1	AT105SR110C
AT125SR - 12 - 127 Nm - 6 bar	1	AT125SR120C
AT140SR - 12 - 220 Nm - 6 bar	1	AT140SR120C
AT160SR - 12 - 338 Nm - 6 bar	1	AT160SR120C
AT190SR - 12 - 524 Nm - 6 bar	1	AT190SR120C
AT240SR - 10 - 896 Nm - 6 bar	1	AT240SR100C
AT240SR - 12 - 1018 Nm - 6 bar	1	AT240SR120C
AT270SR - 12 - 1295 Nm - 6 bar	1	AT270SR120C
AT300SR - 12 - 1901 Nm - 6 bar	1	AT300SR120C
AT350SR - 10 - 2408 Nm - 6 bar	1	AT350SR100C
AT400SR - 10 - 3655 Nm - 6 bar	1	AT400SR100C

EV-NAM



Namur solenoid valve for pneumatic actuator


Size		Code
5/2 - 24 VDC	1	EVNAM05024C
3/2 - 24 VDC	1	EVNAM03024C

BUTTERFLY ACCESSORIES

L-BF3S




Iron lever for butterfly valves BF3S - BF4S series.

Size		Code
DN32 (F05-H=11)	1	8200145000C
DN40÷DN80 (F05-H=9)	1	8200245000C
DN100 (F07-H=11)	1	8200345000C
DN125 (F07-H=14)	1	8200445000C
DN150 (F07-H=14)	1	8200545000C

G-BF3S




Handwheel with gear box for butterfly valves BF3S - BF4S series.

Size		Code
DN50÷DN80 (F05-H=9)	1	9200145000C
DN100÷DN150 (F07-H=14;11)	1	9200245000C
DN200÷DN250 (F10-H=22;17)	1	9200345000C
DN300÷DN350 (F10-H=22)	1	9200445000C
DN400÷DN450 (F14-H=27)	1	9200545000C
DN500 (F14-H=36)	1	9200645000C
DN600 (F16-H=36)	1	9200745000C

K-BF3S




Alluminium lever for butterfly valves BF3S - BF4S series.

Size		Code
DN32 (F05-H=11)	1	8200145010C
DN40÷DN80 (F05-H=9)	1	8200245010C
DN100 (F07-H=14)	1	8200345010C
DN125÷DN150 (F07-H=14)	1	8200445010C

C-BF3S



Chain wheel with gear box for butterfly valves BF3S - BF4S series.


Size		Code
DN50÷DN80 (F05-H=9)	1	9200145010C
DN100÷DN150 (F07-H=14;11)	1	9200245010C
DN200÷DN250 (F10-H=22;17)	1	9200345010C
DN300÷DN350 (F10-H=22)	1	9200445010C
DN400÷DN450 (F14-H=27)	1	9200545010C
DN500 (F14-H=36)	1	9200645010C
DN600 (F16-H=36)	1	9200745010C

BALANCING VALVES

SB1N




Variable orifice static balancing valve for HVAC with double digit regulation handwheel. Through this valve the pre-setting and flow balancing in branch segments or in the general circuit can be carried out. Flanges according to EN 1092-2 PN16.

Size		Code
1 1/2" - DN 40	1	3704041300C
2" - DN 50	1	3705041300C
2 1/2" - DN 65	1	3706541300C
3" - DN 80	1	3708041300C
4" - DN 100	1	3710141300C
5" - DN 125	1	3712541300C
6" - DN 150	1	3715041300C
8" - DN 200	1	3720041300C

SB1NA




Variable orifice static balancing valve for HVAC with double digit regulation handwheel. Through this valve the pre-setting and flow balancing in branch segments or in the general circuit can be carried out. Flanges according to ANSI class 150.

Size		Code
1 1/2" - DN 40	1	
2" - DN 50	1	
2 1/2" - DN 65	1	3706541500C
3" - DN 80	1	3708041500C
4" - DN 100	1	3710041500C
5" - DN 125	1	
6" - DN 150	1	3715041500C
8" - DN 200	1	

SB2V




Static balancing valve with variable orifice for HVAC with threaded connections for test ports (included with the valve). Opening degree shown in double digital. Suitable for both horizontal and vertical installation. Ductile iron body. Suitable for flanges according to EN 1092-2 PN16, RAL 5015 (blue) epoxy coated.

Size		Code
2 1/2" - DN 65	1	3706546060C
3" - DN 80	1	3708046060C
4" - DN 100	1	3710046060C
5" - DN 125	1	3712546060C
6" - DN 150	1	3715046060C
8" - DN 200	1	3720046060C
10" - DN 250	1	3725046060C
12" - DN 300	1	3730046060C
14" - DN 350	1	3735046060C
16" - DN 400	1	3740046060C

SB2VA



Static balancing valve with variable orifice for HVAC with threaded connections for test ports (included with the valve). Opening degree shown in double digital. Suitable for both horizontal and vertical installation. Ductile iron body. Suitable for flanges according to ANSI class 150, RAL 9005 (black) epoxy coated.

Size		Code
2 1/2" - DN 65	1	3706546070C
3" - DN 80	1	3708046070C
4" - DN 100	1	3710046070C
5" - DN 125	1	3712546070C
6" - DN 150	1	3715046070C
8" - DN 200	1	3720046070C
10" - DN 250	1	3725046070C
12" - DN 300	1	3730046070C
14" - DN 350	1	3735046070C
16" - DN 400	1	3740046070C

STRAINER


ST2D



Filter screens even with different meshes are available upon request.

Strainer Y type for HVAC and water distribution, with threaded connections for drain and test ports. Suitable for both horizontal and vertical installation. Ductile iron body, stainless steel screen.

Suitable for flanges according to EN 1092-2 PN16, RAL 5015 (blue) epoxy coated.

Size		Code
2" - DN 50	1	3705046030C
2 1/2" - DN 65	1	3706546030C
3" - DN 80	1	3708046030C
4" - DN 100	1	3710046030C
5" - DN 125	1	3712546030C
6" - DN 150	1	3715046030C
8" - DN 200	1	3720046030C
10" - DN 250	1	3725046030C
12" - DN 300	1	3730046030C
14" - DN 350	1	3735046030C
16" - DN 400	1	3740046030C
18" - DN 450	1	3745046030C
20" - DN 500	1	3750046030C
24" - DN 600	1	3760046030C


ST2DA



Filter screens even with different meshes are available upon request.

Strainer Y type for HVAC and water distribution, with threaded connections for drain and test ports. Suitable for both horizontal and vertical installation. Ductile iron body, stainless steel screen.

Suitable for flanges according to ANSI class 150, RAL 9005 (black) epoxy coated.


Size		Code
2" - DN 50	1	3705046040C
2 1/2" - DN 65	1	3706546040C
3" - DN 80	1	3708046040C
4" - DN 100	1	3710046040C
5" - DN 125	1	3712546040C
6" - DN 150	1	3715046040C
8" - DN 200	1	3720046040C
10" - DN 250	1	3725046040C
12" - DN 300	1	3730046040C
14" - DN 350	1	3735046040C
16" - DN 400	1	3740046040C
18" - DN 450	1	3745046040C
20" - DN 500	1	3750046040C
24" - DN 600	1	3760046040C

CHECK VALVES

CK2WD




Dual plate wafer check valve for HVAC and water distribution, with lifting ring (for DN200 and above). Suitable for both horizontal and vertical installation. Ductile iron body, stainless steel plates and EPDM seat. Suitable for flanges according to EN 1092-2 PN16 and ANSI class 150, RAL 5015 (blue) epoxy coated.

Size		Code
2" - DN 50	1	
2 1/2" - DN 65	1	3706546050C
3" - DN 80	1	3708046050C
4" - DN 100	1	3710046050C
5" - DN 125	1	3712546050C
6" - DN 150	1	3715046050C
8" - DN 200	1	3720046050C
10" - DN 250	1	3725046050C
12" - DN 300	1	3730046050C
14" - DN 350	1	3735046050C
16" - DN 400	1	3740046050C
18" - DN 450	1	3745046050C
20" - DN 500	1	3750046050C
24" - DN 600	1	3760046050C

GF1C




Single sphere flexible joint for HVAC and water distribution, designed for the reduction of vibrations and compensation of thermal expansion in piping systems. Polyamide wired reinforced EPDM body, ductile iron floating flanges. Suitable for flanges according to EN 1092-2 PN16. Control rods are available upon request.

Size		Code
1 1/4" - DN 32	1	6003246000C
1 1/2" - DN 40	1	6004046000C
2" - DN 50	1	6005046000C
2 1/2" - DN 65	1	6006546000C
3" - DN 80	1	6008046000C
4" - DN 100	1	6010046000C
5" - DN 125	1	6012546000C
6" - DN 150	1	6015046000C
8" - DN 200	1	6020046000C
10" - DN 250	1	6025046000C
12" - DN 300	1	6030046000C
14" - DN 350	1	6035046000C
16" - DN 400	1	6040046000C
18" - DN 450	1	6045046000C
20" - DN 500	1	6050046000C
24" - DN 600	1	6060046000C

GF1CA




Single sphere flexible joint for HVAC and water distribution, designed for the reduction of vibrations and compensation of thermal expansion in piping systems. Polyamide wired reinforced EPDM body, ductile iron floating flanges. Suitable for flanges according to ANSI class 150. Control rods are available upon request.

Size		Code
1 1/4" - DN 32	1	6003246010C
1 1/2" - DN 40	1	6004046010C
2" - DN 50	1	6005046010C
2 1/2" - DN 65	1	6006546010C
3" - DN 80	1	6008046010C
4" - DN 100	1	6010046010C
5" - DN 125	1	6012546010C
6" - DN 150	1	6015046010C
8" - DN 200	1	6020046010C
10" - DN 250	1	6025046010C
12" - DN 300	1	6030046010C
14" - DN 350	1	6035046010C
16" - DN 400	1	6040046010C
18" - DN 450	1	6045046010C
20" - DN 500	1	6050046010C
24" - DN 600	1	6060046010C

OP1ST




Orifice plate, stainless steel, with test ports. Suitable for flanges according to EN 1092-2 PN16.

Size		Code
2 1/2" - DN 65 - Kv 104	1	8606545000C
3" - DN 80 - Kv 116	1	8608045000C
4" - DN 100 - Kv 213	1	8610045000C
5" - DN 125 - Kv 333	1	8612545000C
6" - DN 150 - Kv 476	1	8615045000C
8" - DN 200 - Kv 768	1	8620045000C
10" - DN 250 - Kv 1153	1	8625045000C
12" - DN 300 - Kv 1743	1	8630045000C
14" - DN 350 - Kv 1798	1	8635045000C
16" - DN 400 - Kv 2338	1	8640045000C

OP1STA



Orifice plate, stainless steel, with test ports. Suitable for flanges according to ANSI class 150.

Size		Code
2 1/2" - DN 65 - Kv 104	1	8606545010C
3" - DN 80 - Kv 116	1	8608045010C
4" - DN 100 - Kv 213	1	8610045010C
5" - DN 125 - Kv 333	1	8612545010C
6" - DN 150 - Kv 476	1	8615045010C
8" - DN 200 - Kv 768	1	8620045010C
10" - DN 250 - Kv 1153	1	8625045010C
12" - DN 300 - Kv 1743	1	8630045010C
14" - DN 350 - Kv 1798	1	8635045010C
16" - DN 400 - Kv 2338	1	8640045010C

PROJECT REFERENCE

Some projects we have completed

Google Data Centers



Country	City
USA	Berkely Conty, South Carolina

xAI Data Center



Country	City
USA	Memphis, Tennessee

Aeropuerto Internacional de Tocumen (Terminal 2)



Country	City
Panamá	Ciudad de Panamá

Hilton Airport Hotel



Country	City
Costa Rica	San José

Districto Perseverancia



Country	City
Paraguay	Asuncion

Tuloso-Midway High School



Country	City
USA	Corpus Christi, Texas



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