

Клапаны с сильфонным уплотнением BS2

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Россия (495)268-04-70

Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Киргизия (996)312-96-26-47

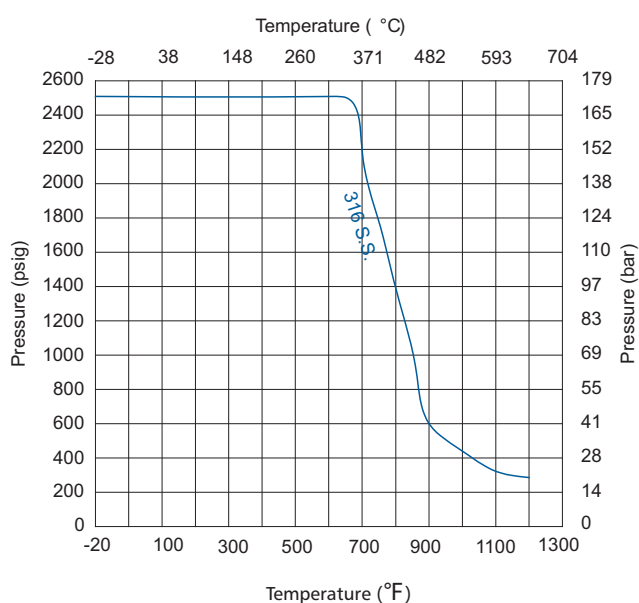
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Казахстан (7172)727-132

Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Features

- ❖ Upper packing provides secondary containment system above the bellows
- ❖ Hydraulic-formed multilayer bellows enhanced cycle life
- ❖ Nonrotating stem tip eliminates galling within the seat area
- ❖ Strictly controlled bellows stroke to improve safety and cycle life
- ❖ Replaceable bellows and stem assembly
- ❖ Regulating, conical, and spherical stem tips available
- ❖ Panel, bottom, and side mounting available
- ❖ Double lock-pins enable steady and durable fastening of the handle.
- ❖ Handle color options are available
- ❖ Every Hikelok bellows-sealed valve is factory tested with helium to a maximum leak rate of 4×10^{-9} std cm³/s at the seat, envelope and all seals

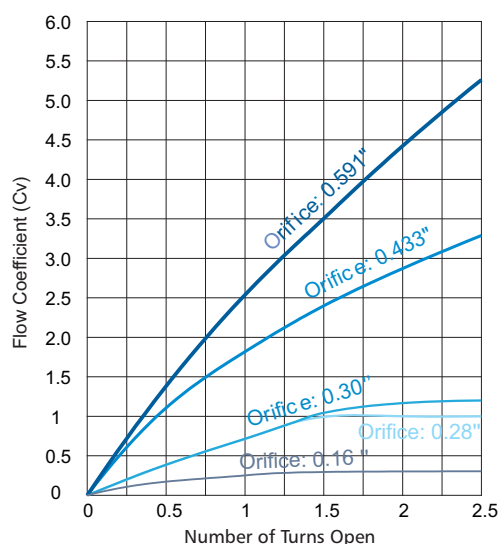
Pressure vs. Temperature



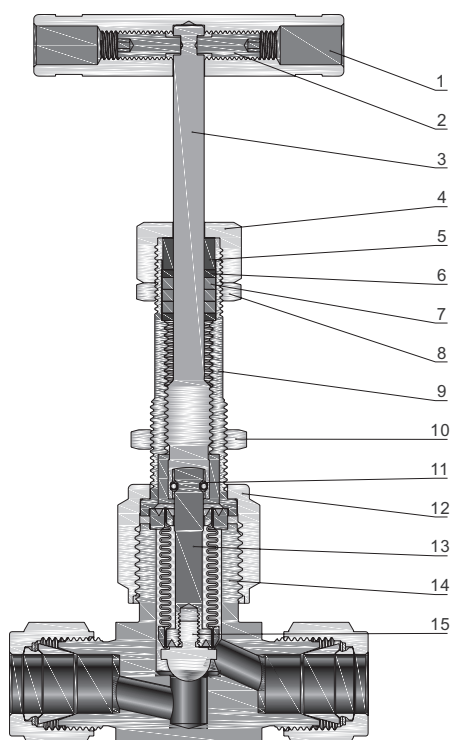
200°F (93°C) max. with PCTFE stem tip (soft tip).

Flow Coefficient vs. Turns Open

Regulating Stem



Standard Materials of Construction



Tip Types



Spherical



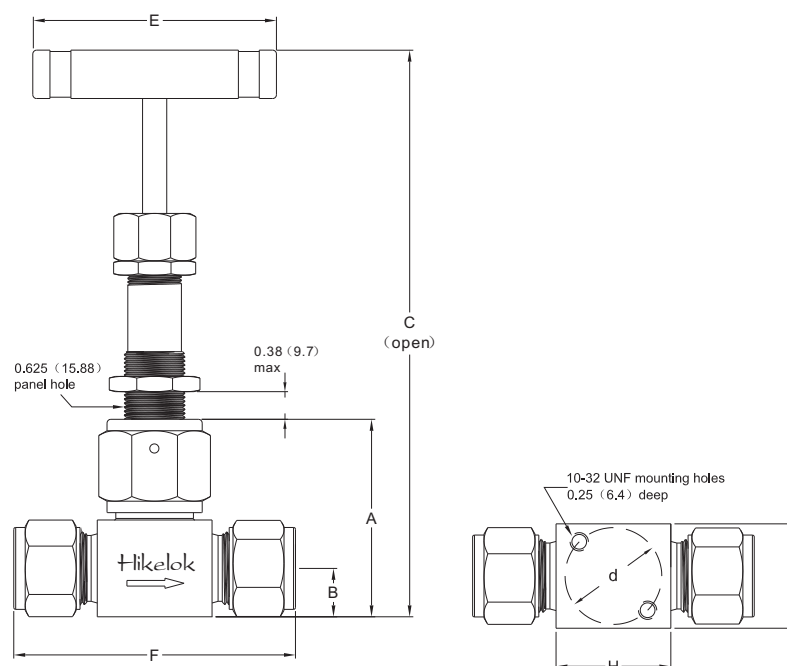
Conical



Regulating

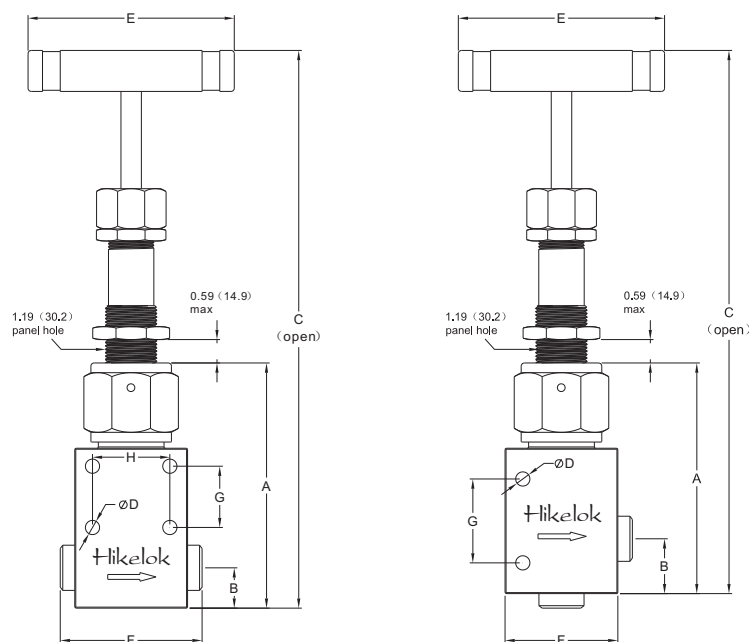
Component		Valve Body Material Grade/ASTM Specification
		316 S.S.
1	Handle	Green anodized aluminum 6061/B211
2	Screw	Alloy Steel/ANSI 18.3
3	Actuator	416 S.S./A582
4	Packing Nut	316 S.S./A276
5	Gland	316 S.S./A276
6	Spacer	316 S.S./A276
7	Packing	PTFE or Graphite
8	Nut	316 S.S./A276
9	Bonnet	316 S.S./A479
10	Nut	316 S.S./A479
11	Pin	Stainless steel
12	Bonnet Nut	316 S.S./A479
13	Stem	316 S.S./A479
	Weld Ring	316 S.S./A479
	Bellows	316L S.S.
14	Body	316 S.S./A182
15	Stem Tip	316 S.S./A479 (regulating)
		PCTFE/D1430 (conical)
		Weld Stellite (regulating or spherical)

Dimensions



Basic Ordering Number	End Connections	Orifice in. (mm)	Cv	Dimensions, in. (mm)							
				A	B	C	E	F	G	H	Ød
BS2-F4-04-	1/4" Hikelok	0.16 (4.1)	0.36	2.69 (59.9)	0.56 (14.2)	6.48 (165)	2.50 (63.5)	2.46 (62.5)	1.00 (25.4)	1.06 (26.9)	1.00 (25.4)
BS2-F6-06-	3/8" Hikelok	0.26 (6.6)	0.85	1.61 (40.9)	0.50 (12.7)	6.59 (167)	2.50 (63.5)	3.09 (78.5)	1.13 (28.7)	1.57 (39.9)	1.13 (28.7)
BS2-F8-08-	1/2" Hikelok	0.30 (7.6)	1.20	1.61 (40.9)	0.50 (12.7)	6.59 (167)	2.50 (63.5)	3.30 (83.8)	1.13 (28.7)	1.57 (39.9)	1.13 (28.7)
BS2-M6-04-	6 mm Hikelok	0.16 (4.1)	0.36	1.49 (37.8)	0.56 (14.2)	6.48 (165)	2.50 (63.5)	2.46 (62.5)	1.00 (25.4)	1.06 (26.9)	1.00 (25.4)
BS2-M10-07-	10 mm Hikelok	0.28 (7.1)	1.00	1.61 (40.9)	0.50 (12.7)	6.59 (167)	2.50 (63.5)	3.11 (79.0)	1.13 (28.7)	1.57 (39.9)	1.13 (28.7)
BS2-M12-07-	12 mm Hikelok	0.28 (7.1)	1.00	1.61 (40.9)	0.50 (12.7)	6.59 (167)	2.50 (63.5)	3.30 (83.8)	1.13 (28.7)	1.57 (39.9)	1.13 (28.7)
BS2-FSW4-04-	1/4" FSW	0.16 (4.1)	0.36	1.49 (37.8)	0.56 (14.2)	6.48 (165)	2.50 (63.5)	1.68 (42.7)	1.00 (25.4)	1.00 (25.4)	1.00 (25.4)
BS2-FSW6-06-	3/8" FSW	0.26 (6.6)	1.00	1.61 (40.9)	0.50 (12.7)	6.59 (167)	2.50 (63.5)	2.27 (57.7)	1.13 (28.7)	1.52 (38.6)	1.13 (28.7)
BS2-FSW8-08-	1/2" FSW	0.30 (7.6)	1.20	1.61 (40.9)	0.50 (12.7)	6.59 (167)	2.50 (63.5)	2.27 (57.7)	1.13 (28.7)	1.52 (38.6)	1.13 (28.7)
BS2-FBW4-04-	1/4" FBW	0.16 (4.1)	0.36	1.49 (37.8)	0.56 (14.2)	6.48 (165)	2.50 (63.5)	1.68 (42.7)	1.00 (25.4)	1.00 (25.4)	1.00 (25.4)
BS2-FBW8-08-	1/2" FBW	0.30 (7.6)	1.20	1.61 (40.9)	0.50 (12.7)	6.59 (167)	2.50 (63.5)	2.27 (57.7)	1.13 (28.7)	1.52 (38.6)	1.13 (28.7)
BS2-FGFS4-04-	1/4" Female GFS	0.16 (4.1)	0.36	1.49 (37.8)	0.56 (14.2)	6.48 (165)	2.50 (63.5)	2.76 (70.1)	1.00 (25.4)	1.00 (25.4)	1.00 (25.4)
BS2-FGFS8-08-	1/2" Female GFS	0.30 (7.6)	1.20	1.61 (40.9)	0.50 (12.7)	6.59 (167)	2.50 (63.5)	2.98 (75.7)	1.13 (28.7)	1.52 (38.6)	1.13 (28.7)
BS2-GFS4-04-	1/4" Male GFS	0.16 (4.1)	0.36	1.49 (37.8)	0.56 (14.2)	6.48 (165)	2.50 (63.5)	2.24 (56.9)	1.00 (25.4)	1.00 (25.4)	1.00 (25.4)
BS2-GFS8-08-	1/2" Male GFS	0.30 (7.6)	1.20	1.61 (40.9)	0.50 (12.7)	6.59 (167)	2.50 (63.5)	3.00 (76.2)	1.13 (28.7)	1.52 (38.6)	1.13 (28.7)

Dimensions



Basic Ordering Number	End Connections	Orifice in. (mm)	CV	Dimensions, in. (mm)							
				A	B	C	E	F	G	H	ØD
BS2-FSW12-11-	3/4" FSW	0.433 (11.0)	3.10	4.88 (124)	1.00 (25.4)	11.60 (295)	4.00 (102)	2.44 (62.0)	1.25 (31.8)	1.46 (37.0)	0.27 (6.9)
BS2-FBW12-11-	3/4" FBW	0.433 (11.0)	3.10	4.88 (124)	1.00 (25.4)	11.60 (295)	4.00 (102)	2.44 (62.0)	1.25 (31.8)	1.46 (37.0)	0.27 (6.9)
BS2-FSW12-15-A-	3/4" FSW	0.591 (15.0)	5.30	4.88 (124)	1.44 (36.6)	11.60 (295)	4.00 (102)	2.49 (63.2)	1.60 (40.6)	—	0.26 (6.6)
BS2-FBW12-15-A-	3/4" FBW	0.591 (15.0)	5.30	4.88 (124)	1.44 (36.6)	11.60 (295)	4.00 (102)	2.49 (63.2)	1.60 (40.6)	—	0.26 (6.6)
BS2-FBW16-15-A-	1" FBW	0.591 (15.0)	5.30	4.88 (124)	1.44 (36.6)	11.60 (295)	4.00 (102)	2.49 (63.2)	1.60 (40.6)	—	0.26 (6.6)

How to Order

BS2— MBW10 — M10 — 07 — KR — A1 — 316

Series	Inlet Type	Inlet Size	Outlet Type	Outlet Size	Orifice Size	Tip Material	Tip Type	Handle	Flow Pattern	Body Material
BS2	Fractional Tube Socket Weld FSW	2 1/8" 4 1/4"	Same as inlet type and inlet size		0.16 in. (4.1 mm) 04	Standard Material	Spherical	Green Handle	Straight	316 316 S.S.
	Metric Tube Socket Weld MSW	3/8" or 6 mm	If outlet and inlet are the same, eliminate the outlet designator		0.26 in. (6.6 mm) 06	K PCTFE	A Ball	L1 Blue Aluminum	A1 Angle	316L 316L S.S.
	Fractional Tube Butt Weld FBW	1/2 " or 8 mm			0.28 in. (7.1 mm) 07	S Stellite	R Regulating	R1 Red Aluminum		304 304 S.S.
	Metric Tube Butt Weld MBW	10 10 mm			0.3 in. (7.6 mm) 08			G1 Green Aluminum		304L 304L S.S.
	Fractional Tube F Fitting	3/4" or 12 mm			0.433 in. (11 mm) 11			S1 304 Stainless Steel		A400 Alloy 400
	Metric Tube M Fitting	14 mm or M14			0.591 in. (15 mm) 15					
	Nut+Gasket+ Fractional Bulge Nipple UGF	1" or 16 mm			0.787 in. (20 mm) 20					
	Nut+Gasket+ Metric Bulge Nipple UGM	18 18 mm								
	Female FR Fitting FGFS	11/4 or 20 mm or M20 x 15								
		22 mm or M22 x 15								
	Male FR Fitting GFS	25 25 mm								
		27 M27 x 2								
		28 28 mm								

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Россия (495)268-04-70

Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Киргизия (996)312-96-26-47

Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Казахстан (7172)727-132

Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93