

110P Series

Push Turn Ball Valves



Design and Engineering

- Maximum operating pressure of 1000psig(6.895MPa) @100°F(38°C) with reinforced PTFE
- Low torque for easy operation
- Normally open type (N.O) and Normally close type (N.C)
- Locked normal position (open or close) for safety
- 100% factory tested before shipout

Application

- Chemical plants, Refineries, Steel mills, Fuel lines, Heavy vehicles, Semiconductor.

Архангельск (8182)63-90-72
Астана +7(7172)727-132
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
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
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
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

Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
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
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Table of Dimensions

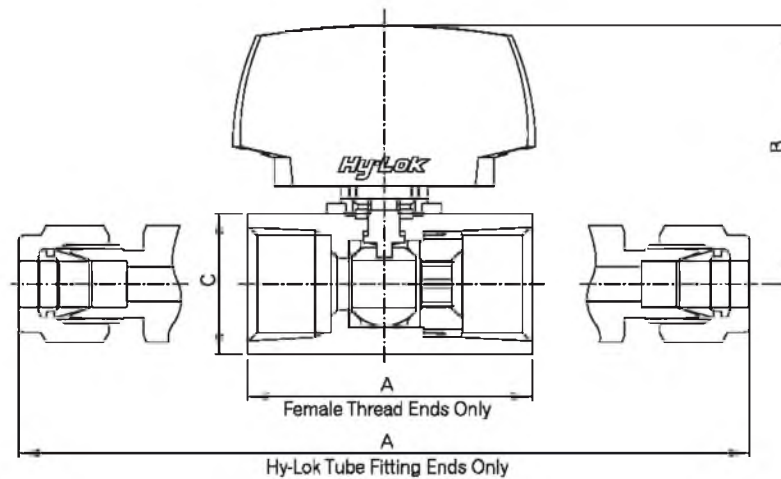
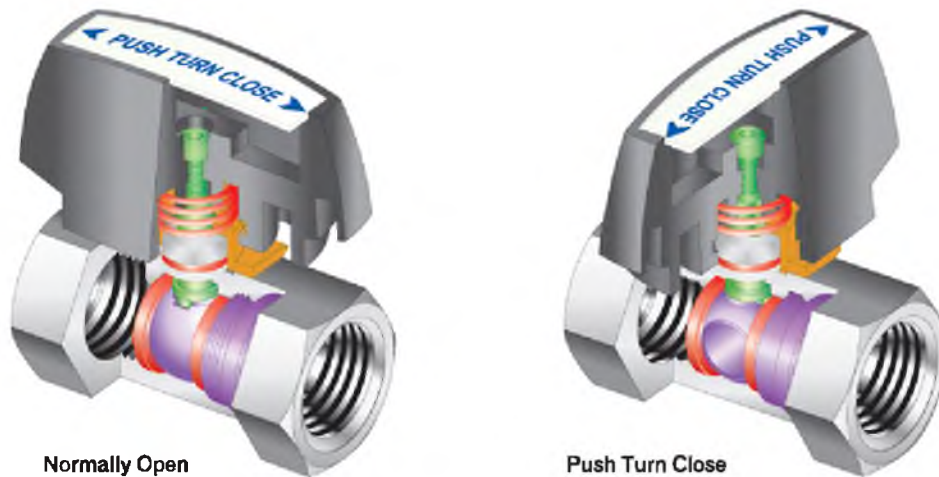
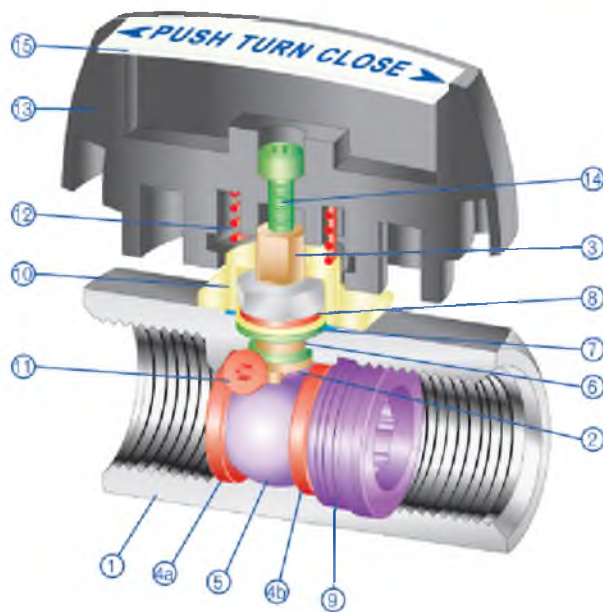


Table of Dimensions

Basic PartNo.	Orifice	Cv	End Connection	Dimensions			Weight (kg)
			Both End	A	B	C(Hex.)	
BPTVF -10M			10mm	90.0			0.22
BPTVH - 6T	7,5	4.2	3/8"	90.0	45	20.6	0.22
BPTVF - 6N			3/8" FemaleNPT	45.0			0.13
BPTVH -12M			12mm	99.0			0.34
BPTVH - 8T	9.0	6.5	1/2"	99.0	50	27.0	0.34
BPTVF - 8N			1/2" FemaleNPT	54.5			0.21
BPTVF -16M			16mm	109.0			0.49
BPTVH -10T	12,5	8.0	a/5"	109.0	53	32.0	0.49
BPTVF -12N			3/4" FemaleNPT	61.0			0.33
BPTVH -12T			3/4"	110.0			0.57
BPTVH -16T	16.0	25.0	1"	134.0	55	38.0	0.85
BPTVF -16N			1" Female NPT	76.0			0.60

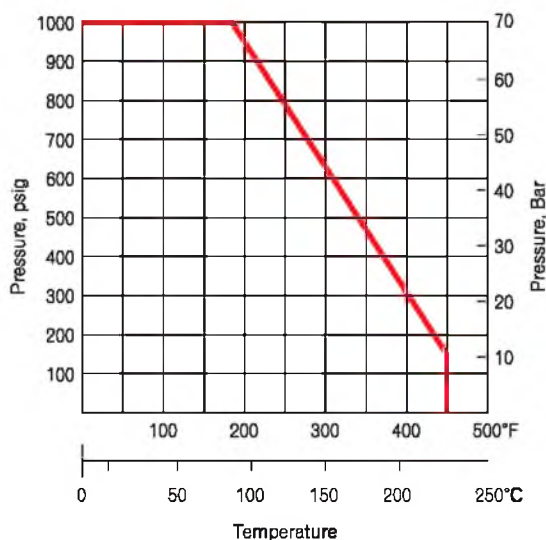
All dimensions are in millimeters. Dimensions shown with nut in finger-tight position, where applicable.



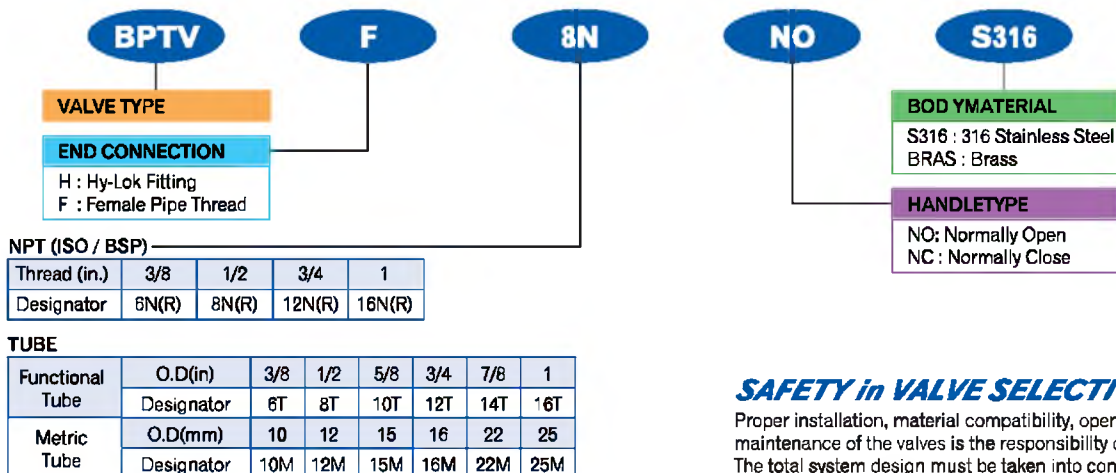
Material of Constructions

No.	Description	Grade / ASTM Specification
1	Body	SS316 Brass
2	Inner Packing	Reinforced PTFE
3	Stem	SS316 / A479
4a	Seat #1	Reinforced PTFE
4b	Seat #2	Reinforced PTFE
5	Ball	SS316 / A479
6	Outer Packing	Reinforced PTFE
7	Gland	SS316
8	Nut	SS316
9	Insert	SS316 / A479
10	Stopper	SS316
11	Screw	SS304
12	Spring	SS304
13	Handle	Dielectric Nylon (Black Color)
14	Bolt	SS304
15	Handle Cover	Aluminum

Pressure and Temperature Rating



Ordering Information



SAFETY in VALVE SELECTION

Proper installation, material compatibility, operation and maintenance of the valves is the responsibility of the user. The total system design must be taken into consideration to ensure optimal performance and safety.