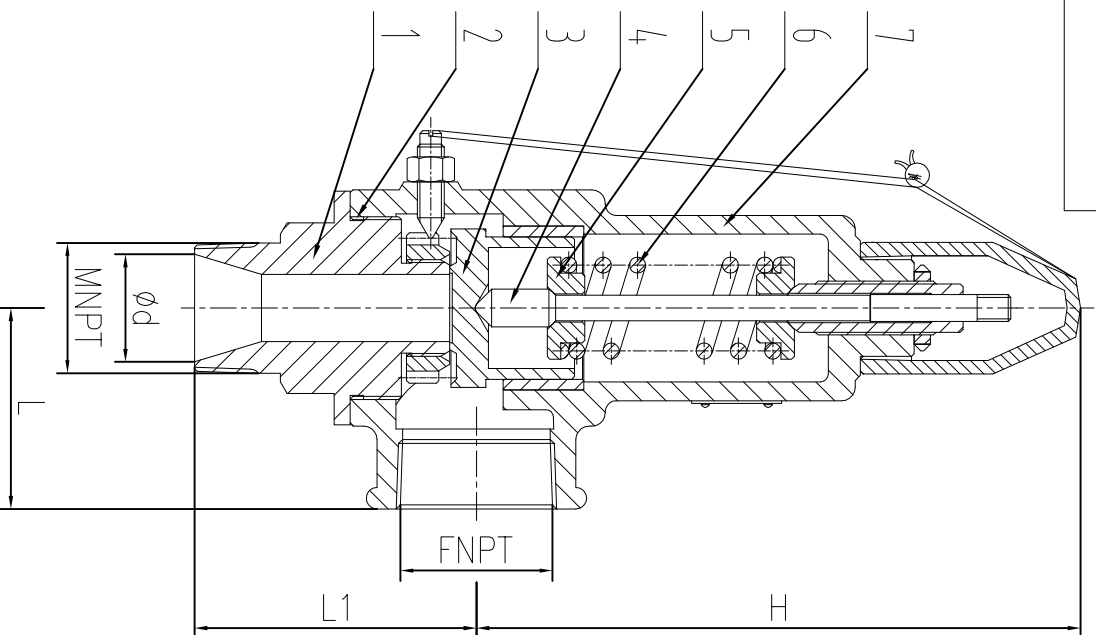


Performance Standard		
Nominal Bore	NPS	1/2" X 3/4" ~ 2" X 2"
Nominal Pressure	Class	PN16
Pressure Test		
Shell Test	2.4	Mpa
Seal Test	1.76	
Backseat Test	/	
Air Test	0.6	
Set Pressure	10 Bar	
Spring Preload Range	7~10 Bar	
Working Temperature	-29℃ ~ +425℃	
Suitable Medium	Corrosive media	


1. Testing and inspection as to: API 527
2. Face-To-Face demension as to: MFR STD
3. Pressure-temperature conforms as to: ASME B16.34
4. Design & Manufacture as to: API RP520
5. NPT Threaded end standard as to: ASME B1.20.1
6. Design Certificate: BS EN 10204 Type 3.1
7. The material shall comply with NACE MR-0175 (2002) requirement



1.	Nondestructive Test		
1.1	Pressure Test	API 527	Yes
1.2	Chemical composition certification	Mandatory	Yes
1.3	Penetrant Test	All Body Surface	Yes
1.4	Magnetic particle testing	All Body Surface	Yes

NPS	ød	MNPT	FNPT	L	L1	H
1/2" X 3/4"	15	1/2"	1/2"	45	65	118
3/4" X 1"	20	3/4"	3/4"	40	75	123
1" X 1"	25	1"	1"	40	75	123
1 1/2" X 2"	40	1 1/2"	2"	67	105	235
2" X 2"	50	2"	2"	67	105	235

No.	Part Name	Material
1	Seat Nozzle	A351 CF3M
2	Gasket	SS316L+Graphite
3	Disc	SS316L
4	Stem	A182 F316L
5	Guide	A182 F316L
6	Spring	SS316L
7	Body	A351 CF3M

DESIGN BY		Spring Load Full Open	
CHECKED BY			
STANDARD BY		Safety Valve	
APPROVED BY			
THE USER CONFIRM		Technology	
		Date	
		DRAWING No. S5THGX-CF3M	
		FNPT X MNPT PN16	
		Set Pressure : 10Bar	