

**FLOW-TEK VALVES
& CONTROLS INC.**



AN ISO 9001 : 2008 CERTIFIED COMPANY

MANUFACTURER & EXPORTER OF

Flow-age

MAKE SPECIALISED INDUSTRIAL VALVES

**SAFETY
RELIEF VALVE**



flow-age

"All Types of Valve for whole Project"

www.flowagevalves.com

SAFETY RELIEF VALVE

GENERAL INTRODUCTION:

"Flow age" offer Safety Relief Valve is among of our wide range of products. We have expertise in manufacturing this valve and aesthetically designed by keeping one crucial matter in mind that is to fulfill end user's requirement perfectly. Wherever is the application of Steam, Air, Gas, Liquid and Vapor this valve is suitably applicable. Widely use in high end users like Petrochemicals, Gas and Hydro Carbon Sectors. And these users can rely upon it. Valve can be offered with IBR Certificate & 3rd Party Inspection respect to requirement of client. Available in sizes of ½" x ¼" To 10" x 14" (larger sizes on request)

During manufacturing we follow the parameters are as hereunder.

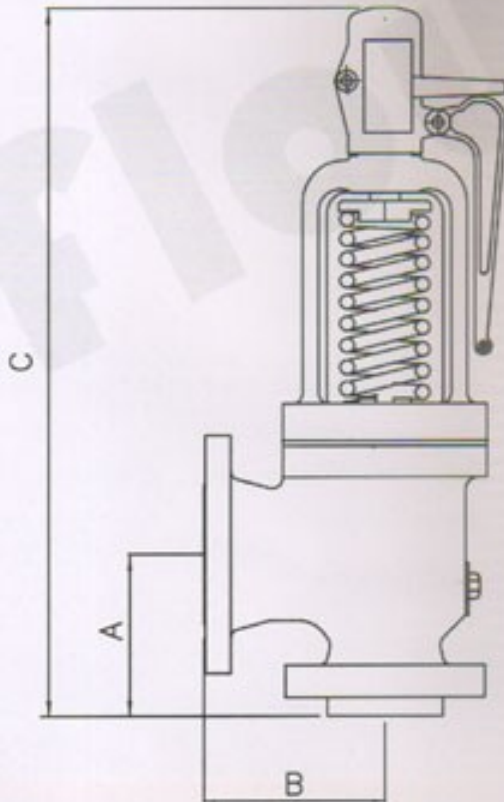
1. Rating: As per American Standard BS & DIN
2. Different Orifice for different flow capacity
3. Blow Down % Over Pressure % (with respect to orifice size) strictly controlled as per American Standard.
4. Testing carry out on Pneumatic Test Bench of steam, air and gas application and for liquid application also. Valves are tested on Hydraulic test Bench.
5. Available with lever for manual operation.
6. Flange rating 150#, 300#, 600#, 900#, 1500#, 2500# & also available with Threaded BSP / NP

TECHNICAL PARAMETERS

- APPROVED BY IBR & REPUTED THIRD PARTY INSPECTION AGENCIES.
- ACCURATE SPRING DESIGNS TO ACHIEVE BLOW DOWN WITHIN 5% WHICH SAVES WASTAGE OF STEAM.
- SUPPLIED MORE THAN 10000 VALVES TO VARIOUS INDUSTRIES.

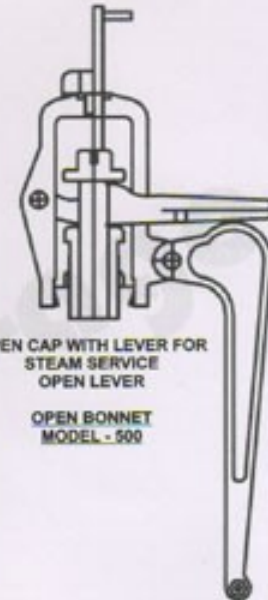
Valve Size (MM)	A	B	C	Shipping Wt. Kgs.
25x50	105.0	114.5	450	18
40x50	124.0	120.5	505	25
40x65	124.0	120.5	505	29
40x80	130.0	124.0	530	32
50x80	133.0	124.0	530	36
65x100	136.5	143.0	595	42
80x100	155.0	162.0	620	56
100x150	181.0	229.0	900	115
150x200	240.0	241.0	1145	204
200x250	276.0	280.0	1225	325
250x350	380.0	370.0	1585	750

ALL DIMENSION ARE IN MM



CLOSED CAP WITH PACKED LIVER FOR CONNOCNE MEDIA & LIQUID SERVICE
PACKED LIVER

CLOSE BONNET
MODEL - 520



OPEN CAP WITH LEVER FOR STEAM SERVICE
OPEN LEVER

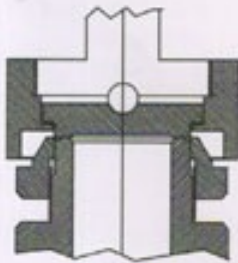
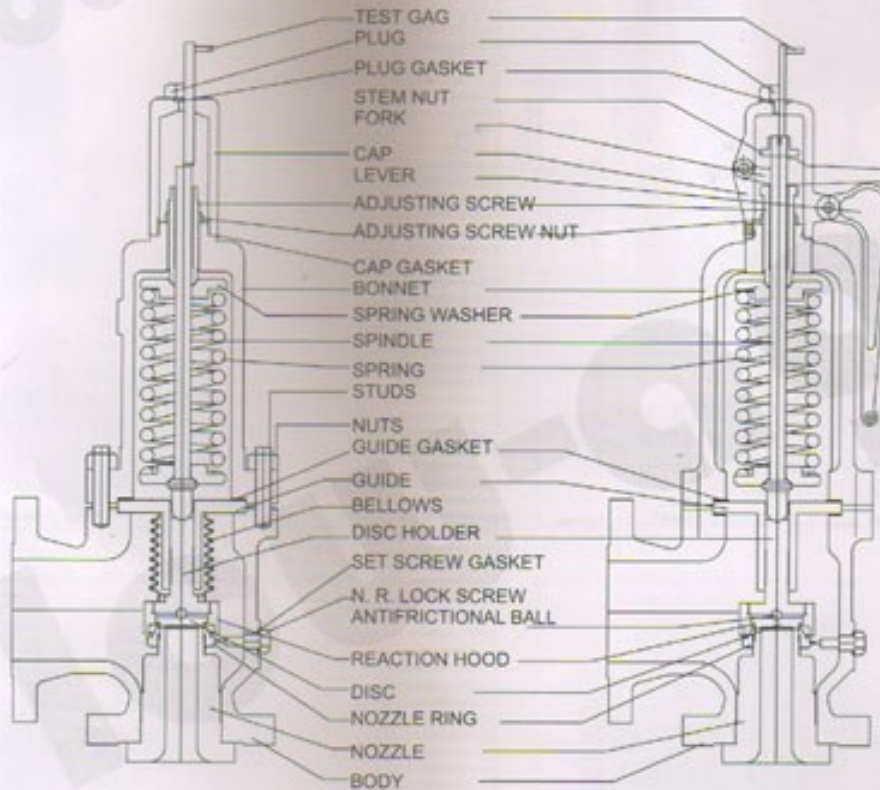
OPEN BONNET
MODEL - 500

FULL LIFT SAFETY RELIEF VALVE

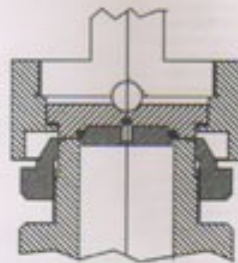
Full Lift Safety Relief Valves are designed and manufactured to meet the requirement of all Industries for tough safety standards.

**MODEL :- FT-520
CLOSED BONNET
AND FT - 520 B
BELLOW SEALED**

**MODEL :- FT-500
OPEN BONNET
CONVENTIONAL**



**STANDARD DESIGN
METAL TO METAL SEAT**



**SOFT SEAT DESIGN FOR
CRITICAL SERVICE**

STANDARD:

Dimension of valve : As per API 526

Design of valve : As per API 520 / 521

Testing of valve : As per API 527

Flow age Safety Relief Valves are designed as per API 526 and API 520 Part-1. They also conforms to ASME - Section VIII.

Metal Seated Relief Valves are tested as per API 527 for Set Pressure, Reset Pressure & Leakage.

Soft seated Safety Relief Valves are used for for Low temperature and critical application only where Bubble Tight Shut off is required.

VARIOUS MODELS TO SUIT DIFFERENT REQUIREMENT

FT-100 SMALL SIZE FLANGED



- SIZE : 3/4"x1", 1"x1-1/2" & 1-1/2"x2"
- RATING : ANSI 150 # TO 1500 #
- BODY : CAST STEEL & ST STEEL
- TRIM : STAINLESS STEEL
- END CONN : FLANGED END.

FT - 500 SAFETY VALVE OPEN BONNET



- SIZE : 1"x2" TO 10"x14"
- RATING : ANSI 150 # TO 900 #
- BODY : CAST STEEL, ALLOY STEEL & STAINLESS STEEL
- TRIM : STAINLESS STEEL
- END CONN : FLANGED END
- APPLICATION : SATURATED & SUPERHEATED STEAM

FT-116 LIQUID SERVICE RELIEF VALVE



PILOT OPERATED, SELF ACTUATED EXCELLENT FOR LIQUID APPLICATION

- SIZE : 1/2" TO 16"
- RATING : ANSI 150 # & 300 #

SUITABLE FOR ATF, KEROSENE, DIESEL, WATER & CLEAN LIQUID

FT-110 THERMAL "RELIEF VALVE"



- SIZE : 1/2"x3/4", 3/4"x1" & 1"x1"-1/2"
- BODY : FORGED STEEL, & INVESTMENT CAST STAINLESS STEEL
- TRIM : STAINLESS STEEL
- END CONN : SCREWED & SOCKET WELD

SUITABLE FOR WORKING PRESSURE UPTO 200 BAR

* Please contact us for any type of customized automation in Safety Relief valves for typical applications.

OTHER MFG. RANGE: Pressure Reducing Valve, Globe Valve, Ball Valve, Gate Valve, Butterfly Valve, Plug Valve, Non Return Valve, Automatic Control Valve, Pneumatic Control Valve, Motorised Control Valve, Knife Edge Gate Valve, Diaphragm Valve, Flush Bottom Valve, Strainer, Filter, Pressure Reducing Station, Gas Skid & All type of manual / actuator / cylinder operated valves with any type of automation.

* Please note this a condensed catalogue for a complete version please contact Flow-Tek directly.



Unit : 1 **FLOW-TEK VALVES & CONTROLS**

L-556, Nr. Odhav Police Station, GIDC Odhav, Ahmedabad - 382415.
Phone : +91+79-22875310, 22894363, Fax : +91+79-22875310
Mobile : 09824080899, 09824539702, 099040 31899
E-Mail - info@flowagevalves.com
Web Site - www.flowagevalves.com

Unit : 2 **FLOW-TEK VALVES & CONTROLS INC.**

Plot No. 172-173, Road No.4, GIDC Kathwada, Ahmedabad - 382430, Gujarat, INDIA
Phone : +91+79-22900219, 22900220, Fax : +91+79-22875310
Mobile : 09824080899, 09824539702, 099040 31899
E-Mail - info@flowagevalves.com
Web Site - www.flowagevalves.com