



Category

RELIEF

Form

ANGLE PATTERN



RELIEF													
THUMBNAIL	SERIES	FIGURE											DN
	RELIEF	038											15-80



Application/ Medium

Series Relief

FIG.038

SAFETY



It is recommended to change the spring for use below 40 PSI

These valves were developed for the relieving of the overpressure in Pipelines and Pressure Vessels.

Water and other liquids in Pipelines and Pressure Vessels

Steam on non coded installations and when high discharge rates are not required. Sizes 2.1/2" and 3" are not recommended for air and steam use

TABLE CAPABILITY OF DISCHARGE FOR BRONZE RELIEF VALVE FIG.038

OPENING PRESSURE		LITRES OF WATER PER MINUTE 25% OF OVER PRESSURE							
Kg/cm ²	PSI	1/2"	3/4"	1"	1,1/4"	1,1/2"	2"	2,1/2"	3"
1.76	25	4.6	7.9	18.9	25.0	32.9	47.3	106.0	220.0
3.51	50	7.6	12.5	32.9	50.3	60.6	94.9	140.0	291.0
5.27	75	10.2	17.0	45.4	68.5	91.6	136.0	174.0	348.0
7.00	100	13.2	21.6	57.5	80.8	121.0	170.0	208.0	401.0
8.79	125	16.6	26.5	68.5	91.5	150.0	205.0	242.0	454.0
10.55	150	20.4	30.3	79.0	100.0	179.0	240.0	276.0	507.0

OPENING PRESSURE		CUBIC METER OF FREE AIR PER MINUTE WITH 10% OF OVER PRESSURE							
Kg/cm ²	PSI	1/2"	3/4"	1"	1,1/4"	1,1/2"	2"		
1.76	25	0.90	1.36	1.89	3.65	4.41	6.34		
3.51	50	1.39	2.15	3.59	6.37	8.15	10.47		
5.27	75	1.95	2.69	4.44	8.89	10.93	14.01		
7.03	100	2.49	3.11	5.35	10.33	12.40	17.27		
8.79	125	2.97	3.45	6.08	11.49	14.46	19.90		
10.55	150	3.43	3.94	6.82	12.48	16.82	23.13		

OPENING PRESSURE		KILOGRAM OF STEAM PER HOUR WITH 10% OF OVER PRESSURE							
Kg/cm ²	PSI	1/2"	3/4"	1"	1,1/4"	1,1/2"	2"		
1.76	25	40.8	61.2	52.3	168.0	202.0	285.0		
3.51	50	62.6	96.2	162.0	287.0	366.0	470.0		
5.27	75	87.5	121.0	200.0	400.0	492.0	630.0		
7.03	100	112.0	139.0	241.0	465.0	557.0	776.0		
8.79	125	134.0	155.0	274.0	509.0	650.0	895.0		
0.55	150	154.0	177.0	307.0	561.0	756.0	1041.0		



You may also Need

Series Relief

FIG.038



TRAP

STRAINER



DECA FIG.085

ISOLATION

LIFT CHECK (HORIZONTAL) DECA
FIG.044/046



SWING CHECK
(VERTICAL/HORIZONTAL) DECA
FIG.049

ISOLATION

GLOBE



DECA FIG.001, 004, 005, 009, 010,
011, 012, 015, 027, 101, 104

AUXILLIARY KIT

PRESSURE GAUGE, PIGTAIL,
GAUGE COCK



PGAUGEHD100D0-1000,
PIGTAIL006/010, ATAM- AV214

Operating Range	Series	Category Known As 1	Category Known As 2	Figure	PN	DN	Material	Material Name	Connection	Form
SAFETY		RELIEF	PRESSURE RELIEF VALVE	038		15MM	B62-C836	BRONZE		ANGLE
SAFETY		RELIEF	PRESSURE RELIEF VALVE	038		20MM	B62-C836	BRONZE		ANGLE
SAFETY		RELIEF	PRESSURE RELIEF VALVE	038		25MM	B62-C836	BRONZE		ANGLE
SAFETY		RELIEF	PRESSURE RELIEF VALVE	038		32MM	B62-C836	BRONZE		ANGLE
SAFETY		RELIEF	PRESSURE RELIEF VALVE	038		40MM	B62-C836	BRONZE		ANGLE
SAFETY		RELIEF	PRESSURE RELIEF VALVE	038		50MM	B62-C836	BRONZE		ANGLE
SAFETY		RELIEF	PRESSURE RELIEF VALVE	038		65MM	B62-C836	BRONZE		ANGLE
SAFETY		RELIEF	PRESSURE RELIEF VALVE	038		80MM	B62-C836	BRONZE		ANGLE