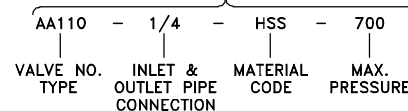


VALVE NO.	MAXIMUM ADJUSTMENT PSI (bar)	CONNECTIONS		MATERIAL			NET WEIGHT lb. (kg)				
		INLET NPT (M)	OUTLET NPT (F)	INLET ADAPTER	GUIDE SEAT	OTHER PARTS					
*AA110-1/4-50	50 (3.4 bar)	1/4"	1/4"	BRASS	BRASS	BRASS	.40 (0.18 kg)				
AA110-1/4-150	150 (10 bar)										
AA110-1/4-700	700 (48 bar)										
AA110-1/4-300	300 (20 bar)										
AA110-1/4-1000	1000 (70 bar)										
AA110-3/8-150	150 (10 bar)	3/8"	3/8"								
AA110-3/8-700	700 (48 bar)										
AA110-3/8-300	300 (20 bar)										
AA110-3/8-1000	1000 (70 bar)	1/4"	1/4"					HARDENED STAINLESS STEEL	HARDENED STAINLESS STEEL		
AA110-1/4-HSS-700	700 (48 bar)										
AA110-1/4-HSS-300	300 (20 bar)										
AA110-1/4-HSS-1000	1000 (70 bar)										
AA110-3/8-HSS-700	700 (48 bar)										
AA110-3/8-HSS-300	300 (20 bar)										
AA110-3/8-HSS-1000	1000 (70 bar)										
AA110-3/8-HSS-1200	1200 (83 bar)										

*TO BE USED WITH SMALL DIAPHRAGM PUMPS AND OTHER LOW PRESSURE SYSTEMS.

ORDERING INFORMATION EXAMPLE



MATERIAL CODE

NO MATERIAL CODE = BRASS
HSS = 416 HARDENED STAINLESS STEEL

COMPLETE VALVE - AA110-1/4-HSS-700

WHILE THE BASIC AA110-- PRESSURE RELIEF VALVES ARE MADE IN BRASS. THE AA110--HSS PRESSURE RELIEF VALVES HAVE THE BEST WEAR CHARACTERISTICS BY UTILIZING HARDENED STAINLESS STEEL SEATING.

MODEL NO.	MAXIMUM FLOW RATES IN GPM THROUGH VALVES AT VARIOUS PRESSURES (WITH VALVES FULLY OPEN)											
	10 PSI	15 PSI	20 PSI	25 PSI	30 PSI	35 PSI	40 PSI	50 PSI	60 PSI	70 PSI	80 PSI	100 PSI
AA110-1/4--** AA110-3/8--**	5.3	6.5	7.5	8.4	9.2	10	11	12	13	14	15	17
AA110-3/8-1200	4.0	5.0	5.7	6.3	6.9	7.5	8.0	9.0	9.5	10.5	11.0	12.5

- METER UNITS-

MODEL NO.	MAXIMUM FLOW RATES IN l/min THROUGH VALVES AT VARIOUS PRESSURES (WITH VALVES FULLY OPEN)											
	0.7 bar	1.0 bar	1.4 bar	1.7 bar	2.1 bar	2.4 bar	2.8 bar	3.5 bar	4.1 bar	4.8 bar	5.5 bar	6.9 bar
AA110-1/4--** AA110-3/8--**	20.0	24.6	28.4	31.8	34.8	37.9	41.6	45.4	49.2	53	56.8	64.3
AA110-3/8-1200	15.1	18.9	21.6	23.8	26.1	28.4	30.3	34.1	36	39.7	41.6	47.3

** FOR MODELS WITH 300 PSI (20 bar), 700 PSI (48 bar) AND 1000 PSI (69 bar) MAXIMUM ADJUSTMENTS.

DESCRIPTION:
AA110-1/4-- & AA110-3/8--
PRESSURE RELIEF VALVES



Spraying Systems Co.

Spray Nozzles and Accessories
P.O. Box 7900 - Wheaton, IL 60189-7900

Rev. No. 2

Data Sheet No.

Ref.

20091

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