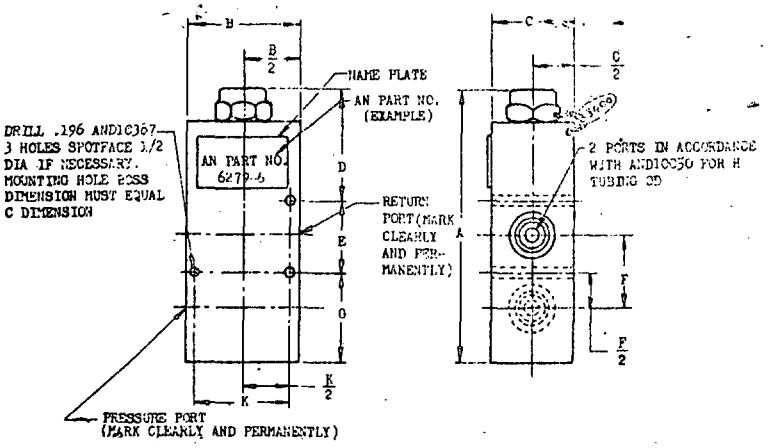
Downloaded from http://www.everyspec.com



(a)		AN PART NO.			H TUBING OD	A MAX REF	B	C	D MAX	E ±.005	F	G MAX	K ±.005	RATED FLOW GPM MIN
		PRESSURE RANGE PSI												
~~100 - 350~~	~~250 - 1000~~	100 - 1000	1000 - 2300	2300 - 3850										
~~AN6279-4Y~~	~~AN6279-4Z~~	AN6279-4YZ	AN6279-4AB	AN6279-4CD	1/4	4- 7/16	2-1/8	1-5/16	1-1/2	1.312	1-5/16	1- 5/8	1.750	1.2
~~AN6279-6Y~~	~~AN6279-6Z~~	AN6279-6YZ	AN6279-6AB	AN6279-6CD	3/8	4-15/16	2-3/8	1-3/4	1-5/8	1.500	1-1/2	1-13/16	2.000	3.5
~~AN6279-8Y~~	~~AN6279-8Z~~	AN6279-8YZ	AN6279-8AB	AN6279-8CD	1/2	5- 7/8	2-3/4	1-7/8	2	1.750	1-3/4	2- 1/8	2.375	6.0
~~AN6279-12Y~~	~~AN6279-12Z~~	AN6279-12YZ	AN6279-12AB	AN6279-12CD	3/4	7- 1/4	3-5/8	2-5/8	2-1/4	2.125	2-1/8	2- 7/8	3.250	16.0

(a) PART NUMBERS AN6279-4Y, -6Y, -8Y, -12Y, -4Z, -6Z, -8Z, -12Z CANCELED AFTER 27 AUG 1953. NO SUPERSEDING AN PART NUMBERS.

FOR CONTRACTOR'S PROCUREMENT ONLY, THE VALVE CRACKING PRESSURE AS A CODE NUMBER IN POUNDS PER SQUARE INCH, MAY BE IMPRESSED ON A LEAD SEAL, OR EQUIVALENT, ATTACHED TO THE LOCKWIRE OF THE ADJUSTING NUT, IN ORDER TO INDICATE A SPECIFIED CRACKING PRESSURE. THE RELIEF VALVE NAMEPLATE AND APPLICABLE GOVERNMENT RECORDS SUCH AS PARTS CATALOGS, SPARES, DOCUMENTS, ETC, SHALL NOT CONTAIN THIS CODED NUMBER INDICATING PRESSURE SETTING. THE SERVICES SHALL NOT PROCURE OR STOCK VALVES ADJUSTED TO ANY SPECIFIC CRACKING PRESSURE. NOTATIONS ON AIRPLANE CONTRACTOR'S ASSEMBLY AND INSTALLATION DRAWINGS SHALL CONTAIN THE PROPER AN PART NUMBER, AS SHOWN IN ABOVE TABLE, FOLLOWED BY THE PRESSURE SETTING PARENTHETICALLY LISTED.

EXAMPLE OF PART NO. FOR GOVERNMENT USE: AN6279-6CD VALVE FOR PRESSURE RANGE 2300 TO 3850 PSI, 3/8 TUBING OD.

EXAMPLE OF PART NO. PLUS CODED PRESSURE SETTING FOR CONTRACTOR'S DRAWINGS: AN6279-6CD(3400) = VALVE FOR PRESSURE RANGE 2300 TO 3850 PSI, 3/8 TUBING OD, CRACKING PRESSURE 3400 PSI.

VALVES ADJUSTABLE TO THE RANGE OF MORE THAN ONE CLASS SHALL CARRY THE DESIGNATION OF THE LOWEST AND HIGHEST CLASS IN THE PART NUMBER: FOR EXAMPLE, A VALVE ADJUSTABLE FROM 1000 TO 3850 PSI FOR 3/8 TUBING OD WOULD BE AN6279-6AD.

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: FRACTIONS ±1/64.

THE AIRPLANE OR ENGINE MANUFACTURER SHALL ALLOW CLEARANCE FOR THE MAXIMUM DIMENSIONS SHOWN ON THIS DRAWING FOR INSTALLATIONS.

ACCEPTABLE PRODUCTS ARE LISTED IN QPL-5523

FOR DEFINITION AND APPLICATION OF DRAWING STATUS NOTES, SEE MIL-STD 32

(5) INACTIVE FOR DESIGN AFTER 6 JANUARY 1961. USE MS28893

AN6279 TO BE USED FOR REPLACEMENT OF EXISTING EQUIPMENT ONLY.

APPROVED 8 Sep 47 REVISED (1) 17 Oct 49 (2) 31 May 50 (3) 21 Dec 50 (4) 27 Aug 53 (5) 6 Jan 61

PROCUREMENT SPECIFICATION	AIR FORCE-NAVY AERONAUTICAL STANDARD	AN6279
MIL-V-5523	VALVE - HYDRAULIC PRESSURE RELIEF - TWO PORT	
P.A. AF-71		

NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

NOTE: This drawing has approved by joint action of the Air Force and Navy Departments as the Air Force-Navy standard for this product. This drawing supersedes all superseded standard drawings for the same product and shall become effective for the procurement of aeronautical equipment, or for use in new designs, not later than 6 months after the initial date of approval shown.