

USER ACTIVITIES

REVIEWER ACTIVITIES

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Solicitations for all new requirements and design applications and for replacement use shall be made from this document when applicable.

AMSC - N/A

AN PART NO.		PRESSURE RANGE PSI		H TUBING OD	A MAX REF	B	C	D MAX	E 1,000	F	G MAX	H 1,000	I RATED FLOW GPM MIN
100 - 1000	1000 - 2300	2300 - 3650											
AN6279-4YZ	AN6279-4AB	AN6279-4CD	1/4	4-7/8	2-1/8	1-5/8	1-1/2	1.312	1-5/8	1-5/8	1.750	1.2	
AN6279-6YZ	AN6279-6AB	AN6279-6CD	3/8	4-15/8	2-3/8	1-3/4	1-5/8	1.500	1-1/2	1-15/8	2.000	5.5	
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	2.575	10.0	
AN6279-12YZ	AN6279-12AB	AN6279-12CD	3/4	7-1/4	3-3/8	2-3/4	2-1/4	2.125	2-1/8	2-7/8	3.250	18.0	

(a) PART NUMBERS AN6279-4Y, -6Y, -8Y, -12Y, -4Z, -6Z, -8Z, -12Z CANCELED AFTER 27 AUG 1953. NO SUPERSEDING AN PART NO. FOR CONTRACTOR'S PROCUREMENT ONLY, THE VALVE CRACKING PRESSURE AS A CODE NUMBERS 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 INSTALLATIONS 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 3650 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 3650 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 3650 PSI FOR 3/8 TUBING OD WOULD BE AN6279-6AD.

DIMENSIONS IN INCHES, UNLESS OTHERWISE SPECIFIED TOLERANCES: FRACTIONS $\pm 1/64$.

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

ACCEPTABLE PRODUCTS ARE LISTED IN QPL-6523

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

(b) INACTIVE FOR DESIGN AFTER 6 JANUARY 1961. USE MS20887 AN6279 TO BE USED FOR REPLACEMENT OF EXISTING EQUIPMENT ONLY.

U.S. AIR FORCE 71 Other Govt AIR FORCE-99 NAVY - AS ARMY - AV PROCUREMENT SPECIFICATION MIL-V-8523	INTERNATIONAL INTEREST	TITLE VALVE - HYDRAULIC PRESSURE RELIEF TWO PORT	AIR FORCE - NAVY AN 6279
SHEET		OF	

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1650-0416

APPROVED 8 Sep 67
REVISED 17 Oct 49 31 MAY 50 21 Dec 50 427 Aug 53 5 6 Jan 61 60 1 JUL 1987