

NOT MEASUREMENT SENSITIVEMIL-DTL-2F
SUPPLEMENT 1
25 September 2002

DETAIL SPECIFICATION

VALVES, CYLINDER, GAS
(FOR COMPRESSED OR LIQUEFIED GASES),
GENERAL SPECIFICATION FOR

This supplement forms a part of MIL-DTL-2F, dated 25 September 2002.

SPECIFICATION SHEETS

- MIL-DTL-2/1 - VALVE, CYLINDER, GAS: ACETYLENE, OUTLET 510, INLET 0.75 INCH (PRESSURES THROUGH 500 psig (3450 kPa) AT 70 °F (21.1 °C))
- MIL-DTL-2/2 - VALVE, CYLINDER, GAS: ACETYLENE, OUTLET 510, INLET 1.00 INCH (PRESSURES THROUGH 500 psig (3450 kPa) AT 70 °F (21.1 °C))
- MIL-DTL-2/3 - VALVE, CYLINDER, GAS: ACETYLENE, OUTLET 200 (PRESSURES THROUGH 500 psig (3450 kPa) AT 70 °F (21.1 °C))
- MIL-DTL-2/5 - VALVE, CYLINDER, GAS: AIR FOR HUMAN RESPIRATION, OUTLET 346 (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/6 - VALVE, CYLINDER, GAS: AIR, OUTLET 590, OIL TOLERANT, INDUSTRIAL (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/7 - VALVE, CYLINDER, GAS: ANHYDROUS AMMONIA (DISHED-HEAD CYLINDER), OUTLET 240, INLET 0.75 INCH (PRESSURES THROUGH 500 psig (3450 kPa) AT 70 °F (21.1 °C))
- MIL-DTL-2/8 - VALVE, CYLINDER, GAS: ANHYDROUS AMMONIA (CONVEX-HEAD CYLINDER), OUTLET 240, INLET 0.75 INCH (PRESSURES UP THROUGH 500 psig (3450 kPa) AT 70 °F (21.1 °C))
- MIL-DTL-2/9 - VALVE, CYLINDER, GAS: ANHYDROUS AMMONIA (DISHED-HEAD CYLINDER), OUTLET 240, INLET 1.00 INCH (PRESSURES UP THROUGH 500 psig (3450 kPa) AT 70 °F (21.1 °C))
- MIL-DTL-2/10 - VALVE, CYLINDER, GAS: ANHYDROUS AMMONIA (CONVEX-HEAD CYLINDER), OUTLET 240, INLET 1.00 INCH (PRESSURES UP THROUGH 500 psig (3450 kPa) AT 70 °F (21.1 °C))
- MIL-DTL-2/11 - VALVE, CYLINDER, GAS: ARGON, HELIUM, NITROGEN, NEON, AND XENON (INERT-OIL FREE), OUTLET 580 (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))

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- MIL-DTL-2/14 - VALVE, CYLINDER, GAS: BUTANE, PROPANE, BUTANE-PROPANE MIXTURE, MAPP GAS, AND PROPYLENE (MAXIMUM 100 POUND NOMINAL CAPACITY CYLINDER), OUTLET 510 (PRESSURES THROUGH 500 psig (3450 kPa) AT 70 °F (21.1 °C))
- MIL-DTL-2/15 - VALVE, CYLINDER, GAS: CARBON DIOXIDE, OUTLET 320, INDUSTRIAL (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/16 - VALVE, CYLINDER, GAS: CARBON DIOXIDE, OUTLET 320, MEDICAL (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/17 - VALVE, CYLINDER, GAS: CARBON DIOXIDE, OUTLET 940 (PIN INDEX), MEDICAL (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/18 - VALVE, CYLINDER, GAS: CARBON MONOXIDE, OUTLET 350 (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/19 - VALVE CYLINDER, GAS: ETHYLENE OXIDE-CARBON DIOXIDE MIXTURE, OUTLET 350 (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/20 - VALVE, CYLINDER, GAS: CHLORINE, OUTLET 820 (PRESSURES THROUGH 500 psig (3450 kPa) AT 70 °F (21.1 °C))
- MIL-DTL-2/21 - VALVE, CYLINDER, GAS: CHLORINE (TON CONTAINER), OUTLET 820 (PRESSURES THROUGH 500 psig (3450 kPa) AT 70 °F (21.1 °C))
- MIL-DTL-2/22 - VALVE, CYLINDER, GAS: REFRIGERANTS, OUTLET 660 (PRESSURES THROUGH 500 psig (3450 kPa) AT 70 °F (21.1 °C))
- MIL-DTL-2/23 - VALVE, CYLINDER, GAS: ETHYL CHLORIDE, OUTLET 300 (PRESSURES THROUGH 500 psig (3450 kPa) AT 70 °F (21.1 °C))
- MIL-DTL-2/24 - VALVE, CYLINDER, GAS: ETHYLENE OXIDE, OUTLET 510 (PRESSURES THROUGH 500 psig (3450 kPa) AT 70 °F (21.1 °C))
- MIL-DTL-2/26 - VALVE, CYLINDER, GAS: HELIUM AND NITROGEN (INERT-OIL TOLERANT), OUTLET 590 (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/27 - VALVE, CYLINDER, GAS: OXYGEN-HELIUM MIXTURE (HELIUM NOT OVER 80 PERCENT), OUTLET 280, MEDICAL (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/28 - VALVE, CYLINDER, GAS: OXYGEN-HELIUM MIXTURE (HELIUM NOT OVER 80 PERCENT) OUTLET 890 (PIN-INDEX), MEDICAL (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/29 - VALVE, CYLINDER, GAS: HYDROGEN, OUTLET 350 (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/37 - VALVE, CYLINDER, GAS: NITROUS OXIDE, OUTLET 326, MEDICAL (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/38 - VALVE, CYLINDER, GAS: NITROUS OXIDE, OUTLET 910 (PIN INDEX), MEDICAL (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/39 - VALVE, CYLINDER, GAS: OXYGEN, OUTLET 540 (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))

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- MIL-DTL-2/41 - VALVE, CYLINDER, GAS: OXYGEN, OUTLET 540, MEDICAL (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/42 - VALVE, CYLINDER, GAS: OXYGEN, OUTLET 870 (PIN-INDEX), MEDICAL (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/43 - VALVE, CYLINDER, GAS: PHOSGENE, (TON CONTAINER), OUTLET 660 (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/44 - VALVE, CYLINDER, GAS: BUTANE, PROPANE, BUTANE-PROPANE MIXTURE, MAPP, AND PROPYLENE (MAXIMUM 200 POUND NOMINAL CAPACITY CYLINDER), OUTLET 510 (PRESSURES THROUGH 500 psig (3450 kPa) AT 70 °F (21.1 °C))
- MIL-DTL-2/46 - VALVE, CYLINDER, GAS: SULFUR HEXAFLUORIDE, OUTLET 590 (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/47 - VALVE, CYLINDER, GAS: AIR FOR HUMAN RESPIRATION, OUTLET 950 (PIN-INDEX), MEDICAL (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/48 - VALVE, CYLINDER, GAS: AIR FOR HUMAN RESPIRATION, OUTLET 346, MEDICAL (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/49 - VALVE, CYLINDER, GAS: CYCLOPROPANE, OUTLET 920 (PIN INDEX), MEDICAL (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/50 - VALVE, CYLINDER, GAS: METHYL BROMIDE, OUTLET 330 (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/51 - VALVE, CYLINDER, GAS: ARGON, HELIUM, NITROGEN, NEON, XENON, AND KRYPTON (INERT-OIL FREE), OUTLET 677 (PRESSURES 5501 THROUGH 7500 psig (38000 THROUGH 51700 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/52 - VALVE, CYLINDER, GAS: HALON FIRE FIGHTING MATERIALS, OUTLET 660 (PRESSURES THROUGH 500 psig (3450 kPa) AT 70 °F (21.1 °C))
- MIL-DTL-2/53 - VALVE, CYLINDER, GAS: HEXAFLUOROETHANE, OUTLET 660 (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/54 - VALVE, CYLINDER, GAS: SULFUR DIOXIDE, OUTLET 660 (PRESSURES THROUGH 500 psig (3450 kPa) AT 70 °F (21.1 °C))
- MIL-DTL-2/55 - VALVE, CYLINDER, GAS: OXYGEN, OUTLET 540 (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/56 - VALVE, CYLINDER, GAS: ARGON, HELIUM, NITROGEN, NEON, XENON, AND KRYPTON (INERT-OIL FREE), OUTLET 680 (PRESSURES 3001 THROUGH 5500 psig (20690 THROUGH 37900 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/57 - VALVE, CYLINDER, GAS: HELIUM AND NITROGEN (INERT-OIL TOLERANT), OUTLET 621 (PRESSURES 3001 THROUGH 5500 psig (20690 THROUGH 37900 kPa) AT 120 °F (48.9 °C))

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- MIL-DTL-2/58 - VALVE, CYLINDER, GAS: ARGON, HELIUM, NITROGEN, NEON, XENON, AND KRYPTON (INERT-OIL FREE), OUTLET 677 (PRESSURES 5501 THROUGH 7500 psig (38000 THROUGH 51700 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/59 - VALVE, CYLINDER, GAS: AIR, OUTLET 347 (PRESSURES 3001 THROUGH 5500 psig (20690 THROUGH 37900 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/60 - VALVE, CYLINDER, GAS: OXYGEN-HELIUM MIXTURE (HELIUM OVER 80 PERCENT), OUTLET 500, MEDICAL (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/61 - VALVE, CYLINDER, GAS: OXYGEN-HELIUM MIXTURE (HELIUM NOT OVER 80 PERCENT), OUTLET 930 (PIN-INDEX), MEDICAL (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/62 - VALVE, CYLINDER, GAS: METHANE, OUTLET 350 (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/63 - VALVE, CYLINDER, GAS: NATURAL GAS, OUTLET 350 (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/64 - VALVE, CYLINDER, GAS: HYDROGEN CHLORIDE, OUTLET 330 (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/65 - VALVE, CYLINDER, GAS: HYDROGEN SULFIDE, OUTLET 330 (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/66 - VALVE, CYLINDER, GAS: MILDLY OXIDIZING MIXTURES (5 TO 23 PERCENT OXYGEN), OUTLET 590 (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/67 - VALVE, CYLINDER, GAS: LOW PRESSURE, FLAMMABLE OR TOXIC MIXTURE, OUTLET 510 (PRESSURES THROUGH 500 psig (3450 kPa) AT 70 °F (21.1 °C))
- MIL-DTL-2/68 - VALVE, CYLINDER, GAS: INERT-OIL FREE MIXTURES, OUTLET 580 (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/69 - VALVE, CYLINDER, GAS: CORROSIVE (ACIDIC) MIXTURES, OUTLET 330 (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/70 - VALVE, CYLINDER, GAS: HIGH PRESSURE, FLAMMABLE OR TOXIC MIXTURES, OUTLET 350 (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/71 - VALVE, CYLINDER, GAS: HIGH PRESSURE, TOXIC AND OXIDIZING MIXTURES, OUTLET 660 (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/72 - VALVE, CYLINDER, GAS: FLUORINATING COMPOUND MIXTURES, OUTLET 670 (PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))
- MIL-DTL-2/73 - VALVE, CYLINDER, GAS: CORROSIVE (BASIC) MIXTURES, OUTLET 705 (PRESSURES THROUGH 500 psig (3450 kPa) AT 70 °F (21.1 °C))
- MIL-DTL-2/74 - VALVE, CYLINDER, GAS: LOW PRESSURE, TOXIC AND OXIDIZING MIXTURES, OUTLET 660 (PRESSURES THROUGH 500 psig (3450 kPa) AT 70 °F (21.1 °C))
- MIL-DTL-2/75 - VALVE, CYLINDER, GAS: OXYGEN, OUTLET 577 (PRESSURES 3001 THROUGH 4000 psig (20690 THROUGH 27580 kPa) AT 120 °F (48.9 °C))

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MIL-DTL-2/76 - VALVE, CYLINDER, GAS: OXIDIZING MIXTURES, OUTLET 296
(PRESSURES THROUGH 3000 psig (20680 kPa) AT 120 °F (48.9 °C))

MIL-DTL-2/77 - VALVE, CYLINDER, GAS: METHYL CHLORIDE, OUTLET 660
(PRESSURES THROUGH 500 psig (3450 kPa) AT 70 °F (21.1 °C))

Preparing Activity:
DLA - GS3