794 Series

PILOT OPERATED PRESSURE REDUCING
FOR GAS SERVICE

SPECIFICATION:

- **DESIGN:** Bronze pilot operated, bolt cover.
- **SEATING:** Integral seat, PTFE (teflon) disc, phosphor bronze disc.
- **CONSTRUCTION:** Bronze body, stainless steel and brass internals.
- **SIZES:** 1/2" through 2" Screwed
  (15mm through 50mm) Screwed
  1/2" Through 6" Flanged
  (15mm through 50mm) Flanged
- **ENDS:** Screwed female BSPT or NPT
  ANSI 150, ANSI 300
- **SERVICE:** Gas
- **TEMPERATURE RATING:**
  0°C to 200°C
- **PRESSURE RATING** (cold, non-shock):
  Screwed: 500 psig (3450 kPa)
  ANSI 150: 250 psig (1551 kPa)
  ANSI 300: 500 psig (3450 kPa)

**Manufactured in materials to meet international standards*

FEATURES AND APPLICATIONS:

Suitable for gas applications only. Pilot operated for accurate pressure control. Also available in stainless steel and cast steel material.

Degreased and packed for oxygen service.

For more information on design and pricing, contact our nearest Mack outlet.

cryogenic valves

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PILOT OPERATED PRESSURE REDUCING
FOR GAS SERVICE

Mack Valves Head Office
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Model 7948

Size		Wt lbs	Wt (kg)
1/2”	(15mm)	10.3	(4.7)
3/4”	(20mm)	10.5	(4.8)
1”	(25mm)	11.0	(5.0)
1 1/4”	(32mm)	24.2	(11.0)
1 1/2”	(40mm)	24.2	(11.0)
2”	(50mm)	37.4	(17.0)

Model 7948A

Size		Wt lbs	Wt (kg)
1/2”	(15mm)	10.3	(4.7)
3/4”	(20mm)	10.5	(4.8)
1”	(25mm)	11.0	(5.0)
1 1/4”	(32mm)	24.2	(11.0)
1 1/2”	(40mm)	24.2	(11.0)
2”	(50mm)	37.4	(17.0)

Model 7941A

Flanged Ends			
Size		Wt lbs	Wt (kg)
1/2”	(15mm)	13.2	(6.0)
3/4”	(20mm)	13.2	(6.0)
1”	(25mm)	15.6	(7.1)
1 1/4”	(32mm)	17.6	(8.0)
1 1/2”	(40mm)	19.8	(9.0)
2”	(50mm)	33.0	(15.0)
2 1/2”	(65mm)	68.2	(31.0)
3”	(80mm)	102.3	(46.5)

Ends Screwed

7948 = BSPT ends
7948A = NPT ends

Model 7943A

Flanged Ends			
Size		Wt lbs	Wt (kg)
1/2”	(15mm)	13.2	(6.0)
3/4”	(20mm)	13.2	(6.0)
1”	(25mm)	15.6	(7.1)
1 1/4”	(32mm)	17.6	(8.0)
1 1/2”	(40mm)	19.8	(9.0)
2”	(50mm)	33.0	(15.0)
2 1/2”	(65mm)	68.2	(31.0)
3”	(80mm)	102.3	(46.5)

Ends Flanged

7941A = ANSI 150
7943A = ANSI 300

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