

# KULDEP HIGH PRESSURE GAS CYLINDER VALVES

TO IS: 3224 - 2002 CCOE APPROVED

**QUALITY:** Second to None

**CONSTRUCTION:** Robust, Simple, Interchangeable Components **OUTLET THREADS:** Quality Oriented, Superior & Dependable



Mr. Suryakant Karekar - Prop

Kuldeep Engineering Works leaders in valves for high pressure gas cylinders for fire Extinguishers and others have pioneered in the manufacture and cater the needs more particularly of the Fire Protection on Scenario and automobile industry and board application and engineering industry in general. The company manufacture for CO2, N2, O2 and DCP regulation and cylinders suchas allied products for hire.

## **Our Products:**

- ◆CO2 Wheel Type Valve ISI
- **CO2** Squeeze Grip Valve ISI
- •CO2 System Valve (A.O.) ISI
- CO2 Key Type Valve ISI
- ◆CO2 Puncture Valve ISI ◆Oxygen Valve ISI
- Nitrogen Valve ISI \*DCP Squeeze Grip Valve
- ◆CO2 Applicator Valve ◆Modular Valve
- ◆Bulb Sprinkler ◆Nozzles Med. Velocity

#### MATERIAL OF CONSTRUCTION

Valve Body
Spindle
Brass IS: 319
Hand Wheel
Cast Aluminium / Nylon
Sealing Tip
Nylon

#### **TEST PRESSURE**

155 kg/cm<sup>2</sup>

#### **WORKING PRESSURE**

105 kg/cm<sup>2</sup>

#### **OUTLET THREADS**

21.8 mm Dia X 1.814 P. (M)

R.H. Whit Worth Profile

Outlet No - 7

To IS: 3224 - 2002

#### **NET WEIGHT**

0.560 kgs

#### SAFETY DEVICE

Fitted with safety disc.
With burst pressure 200 - 220 kg/cm²

# CO2 WHEEL TYPE VALVE **5**



#### MATERIAL OF CONSTRUCTION

Valve Body
Spindle
Brass IS: 319
Handle
Steel to IS: 513
Sealing Tip
Nitrile Rubber

#### **TESTING PRESSURE**

155 kg/cm<sup>2</sup>

#### **WORKING PRESSURE**

105 kg/cm<sup>2</sup>

#### **OUTLET THREADS**

21.8 mm Dia X 1.814 P. (M)

R.H. Whit Worth Profile

Outlet No - 7

To IS: 3224 - 2002

#### **NET WEIGHT**

0.575 kgs

#### SAFETY DEVICE

Fitted with safety disc.
With burst pressure 200 - 220 kg/cm²

# CO2 SQUEEZE GRIP VALVE 🔄



# CO2 SYSTEM VALVE (A.O.)



#### MATERIAL OF CONSTRUCTION

Valve Body	High Tensile Brass Forging
Spindle	Brass to IS: 319
Handle	Brass stick with nob
Sealing Tip	Nylon

#### **TEST PRESSURE**

155 kg/cm<sup>2</sup>

#### **WORKING PRESSURE**

105 kg/cm<sup>2</sup>

#### **OUTLET THREADS**

21.8 mm Dia X 1.814 P. (M)

R.H. Whit Worth Profile

Outlet No - 7

To IS: 3224 - 2002

#### **NET WEIGHT**

0.825 kgs

#### SAFETY DEVICE

Fitted with safety disc With burst pressure 200 - 220 kg/cm<sup>2</sup>

# CO2 KEY TYPE VALVE



#### MATERIAL OF CONSTRUCTION

Valve Body High Tensile Brass Forging
Spindle SS 304
Handle Steel, close ended spanner
Sealing Tip Glass filled Nylon

#### **TEST PRESSURE**

155 kg/cm<sup>2</sup>

#### **WORKING PRESSURE**

105 kg/cm<sup>2</sup>

#### **OUTLET THREADS**

21.8 mm Dia X 1.814 P. (M)

R.H. Whit Worth Profile

Outlet No - 7

To IS: 3224 - 2002

#### **NET WEIGHT**

0.565 kgs

#### SAFETY DEVICE

Fitted with safety disc.

With burst pressure 200 - 220 kg/cm²

#### MATERIAL OF CONSTRUCTION

Valve Body High Tensile Brass Forging
Puncture Devices Brass IS - 319
Handle Brass Forged
Sealing Tip Nylon

#### TEST PRESSURE WORKING PRESSURE

155 kg/cm<sup>2</sup>

105 kg/cm<sup>2</sup>

#### **OUTLET THREADS**

21.8 mm Dia X 1.814 P (M)

R. H. Whit Worth Profile

Outlet No - 7

To IS: - 3224 - 2002

#### **NET WEIGHT**

0.655 kgs

#### SAFETY DEVICE

Fitted with safety disc
With burst pressure 200 - 220 kg/cm²

#### NOTE

Puncture device is optional Supplied on request only

# CO2 PUNCTURE VALVE **5**



#### **MATERIAL OF CONSTRUCTION**

Valve Body

High Tensile Brass Forging

Spindle

S. S. - 304

Handle

Steel, close ended spanner

#### **TEST PRESSURE**

161 kg/cm<sup>2</sup>

#### **WORKING PRESSURE**

161 kg/cm<sup>2</sup>

#### **OUTLET THREADS**

5 / 8 BSP Female (R.H)

Outlet No - 3

To IS: 3224 - 2002

#### **NET WEIGHT**

0.645 kgs.

#### NOTE

No. Oil or Grease to be used as lubricant Use of oil cause serious explosion.

# KEW-06



OXYGEN VALVE **5** 

# NITROGEN VALVE 🔄



#### MATERIAL OF CONSTRUCTION

Valve Body

High Tensile Brass Forging

Spindle

S. S. - 304

Handle

Steel, close ended spanner

#### TEST PRESSURE

161 kg/cm<sup>2</sup>

#### **WORKING PRESSURE**

161 kg/cm<sup>2</sup>

#### **OUTLET THREADS**

3/4 BSP Dia Male Threads (R.H.)

Outlet No - 20

To IS: 3224 - 2002

#### **NET WEIGHT**

0.570 kgs

#### NOTE

No. Oil or Grease to be used as lubricant

# NEW-08

#### MATERIAL OF CONSTRUCTION

Valve Body High Tensile Brass Forging
Puncture Pin S. S. - 304
Handle Steel Sheet to IS: 513

#### **TEST PRESSURE**

25 kgs/cm<sup>2</sup>

#### WORKING PRESSURE

15 kgs/cm<sup>2</sup>

#### **INLET THREADS**

Dia 75 X 11 P.R.H. V threads

#### **NET WEIGHT**

0.890 kgs

#### PERFORMANCE

Cap. Kgs Duration Jet Throw

10 23 Sec. Min
30 Sec. Mix
Discharge 85% by mass

#### NOTE

Cartridge type, with puncturing device

#### MATERIAL OF CONSTRUCTION

Valve Body High Tensile Brass Forging

Spindle Brass IS: 319

Handle Steel to IS: 513

Sealing Tip Nitrile Rubber

#### **TEST PRESSURE**

155 kg/cm<sup>2</sup>

#### **WORKING PRESSURE**

105 kg/cm<sup>2</sup>

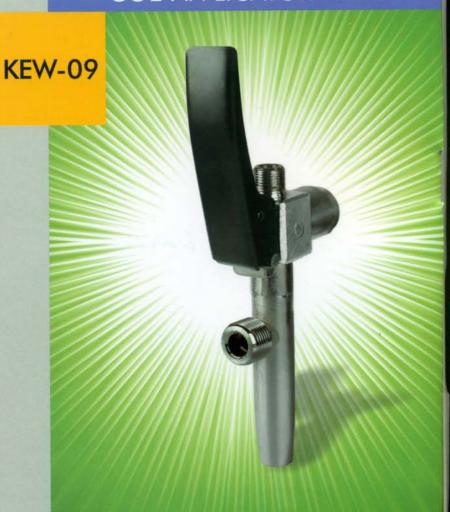
#### **OUTLET THREADS**

Dia 3/8 BSP Male Threads

#### **NET WEIGHT**

0.765 kgs

# CO2 APPLICATOR VALVE



#### **MATERIAL OF CONSTRUCTION**

Valve Body

High Tensile Brass Forging

Heat

Quartzoid Bulb (Dia 8 mm)

Sensitive Unit
Deflector

Brass sheet

#### TEST PRESSURE

**WORKING PRESSURE** 

30 kgs/cm<sup>2</sup>

15 kgs/cm<sup>2</sup>

#### **BULB TEMP. RANGE & COLOUR**

57 Degree C / 135 Degree F - Orange

68 Degree C / 155 Degree F - Red

79 Degree C / 175 Degree F - Yellow

93 Degree C / 200 Degree F - Green

141 Degree C / 266 Degree F - Blue

#### **INLET THREADS**

Dia M 30 X 1.5 P

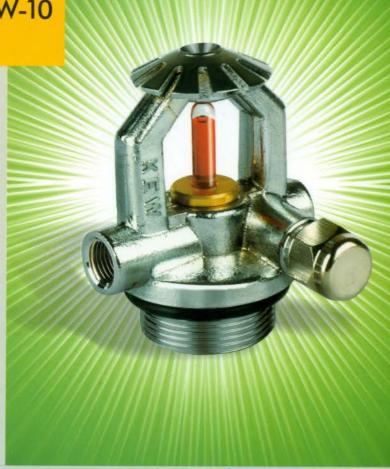
#### **NET WEIGHT**

0.215 Kgs

#### NOTE

Deflectors can be supplied on customers requirement also.

# **KEW-10**



MODULAR VALVE

# **BULB SPRINKLER**



**KEW-11** 

#### **MATERIAL OF CONSTRUCTION**

Body

High Tensile Brass Forging

Heat

Sensitive Bulb

Quartzoid Bulb (Dia 8 mm)

Deflector

Brass sheet

#### TEST PRESSURE

WORKING PRESSURE

30 kgs/cm<sup>2</sup>

12.4 kgs/cm<sup>2</sup> - Max

#### **BULB TEMP. RANGE & COLOUR**

57 Degree C / 135 Degree F - Orange

68 Degree C / 155 Degree F - Red

79 Degree C / 175 Degree F - Yellow

93 Degree C / 200 Degree F - Green

141 Degree C / 266 Degree F - Blue

#### INLET THREADS

1/2 BSPT (1/2 NPT Optional)

#### FINISH

Brass / Nickel & Chrome Plated

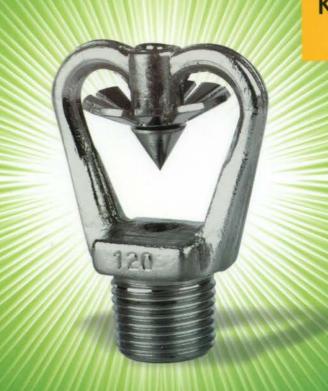
#### **NET WEIGHT**

0.080 kgs

#### NOTE

Specify finish & temp. rating while ordering

# NOZZLES MED. VELOCITY



**KEW-12** 

#### MATERIAL OF CONSTRUCTION

Body

High Tensile Brass Forging

Deflector

Brass sheet

**TEST PRESSURE** 

30 kgs/cm<sup>2</sup>

#### **WORKING PRESSURE**

Max - 7 Kgs/cm<sup>2</sup> / 100 PSI

Min - 1.4 Kgs/cm2 / 20 PSI

#### K FACTOR = FLOW IN LPM

V PR in kgs/cm<sup>2</sup>

24, 28, 31, 36, 41, 45, 51, 57, 61, 66

#### SPRAY ANGLE

60°, 75°, 80°, 90°, 100°, 110°, 120°, 140°

#### **NET WEIGHT**

0.108 kgs

#### NOTE

Nozzles are available in any combination of K Factor & Spray Angles

U.S.K. Factor =

metric K Factor

14.2745

### Our Esteem Clients:





Medical Engineers (India) Limited











































Reach Us:

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