



ROBIN

Industries

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Single Place For All Industrial Welding Solution



Quality and Certifications

GUARANTEE

A top commitment

Beginning from its foundation, **ROBIN** has been committed to advancing the safety of its products along with the technological developments, capitalizing on its years of experience.

Aware of the importance of Quality in an increasingly competitive market, **ROBIN** has made this one of the key elements of its activity and has obtained many certifications over the years.

The Quality Management System at **ROBIN** is ISO 9001 :2008 certified by the for the activities of design, production , marketing, maintenance and assistance of equipment, systems and plants.

ROBIN has obtained ISI certification from Bureau of Indian Standards, Govt. of India and the products are approved by Chief Controller of Explosives, Govt. of India.

The Quality and Safety Area of the company heads the Quality Management System and Company Prevention and Protection Systems. The Quality and Safety Area manages also the processes connected with testing and certification of the plants; These processes are carried out by highly trained and qualified internal personnel who are independent from the other function that construct the plants.

Thus continuous monitoring of the efficiency and efficacy of company processes represents an indispensable element that **ROBIN** provides to its clients in order to maintain the quality, safety, reliability and competitiveness of its products, with the goal of becoming one of the principal points of reference in the field of distribution and use of Welding & Cutting equipment at domestic and at international level as well.



- Ours is a company that provides total welding solution to the engineering industry. The seed was sown by its founder and the tree now you see is being nurtured by our M.D. Mr.Subhash Chander & Director Mr.Robin Bhalla & Mr.Arvind Bhalla
Our dealers and our valuable customers are proud to be part of **ROBIN** family.
- Our valves, Regulators, Cutting and H.P. Welding blow pipe need no introduction. As Products are rugged and ensure high quality backed by long experience of its founder Shri HANS RAI JI since 1960 as far as quality concerned we maintain very high quality. Our products are very much admired in the domestic field as well as other countries.
- Since we are manufacturing all the components ourselves, and have all the testing facilities in house to ensure good quality to meet the rough and tough use in the field or industry.
- Countless valves, Regulators, Cutting & HP Welding Blow Pipes are in service for a variety of application in and around the world. We serve not only industry but our products find application in Refrigerant industry, Hospitals (Where Oxygen & N₂O cylinders are used), Fire Fighting, Defense, Railways, Aviation industry, Ballooning (Hydrogen, Helium) and many more uses.
- **ROBIN** is an ISO 9001 : 2000 certified company and our valves are CCOE (Chief Controller of Explosives) and BIS approved. We also manufacture  approved Cutting blow pipes, nozzles and regulators.
- We have strong R & D section backed by highly qualified Engineers and motivated staff.
- **ROBIN** Industries manufacturer of **ROBIN** welding products is an active member of Gas Association



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Welding Your World With Progress And Prosperity

IS:7653



CM/L 3012729
GAS CUTTING
BLOW PIPE

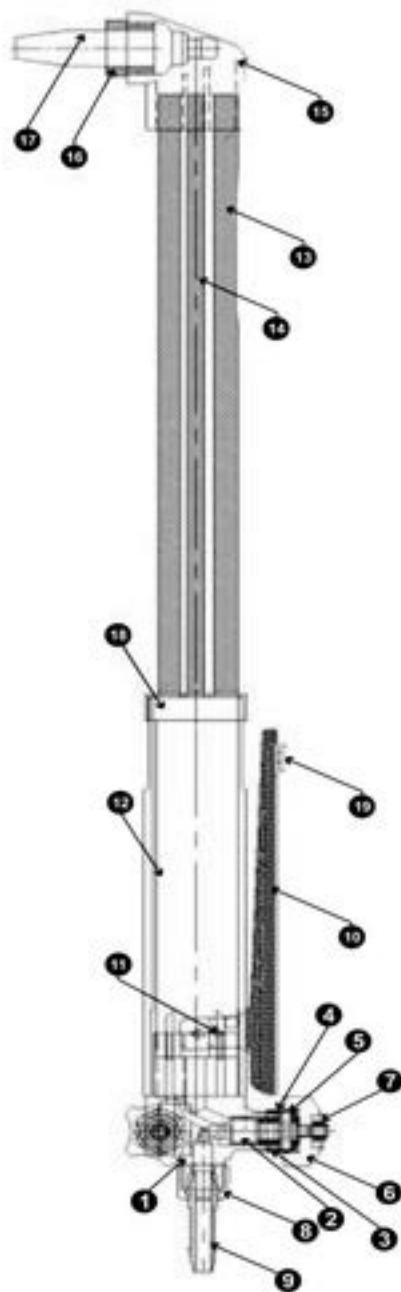
ISO 9001:2008

UNITAS CERTIFICATION SERVICES
C.E STANDARD
CERTIFICATE NO:9207

TORCHES AND NOZZLES



SKETCH OF NM CUTTING BLOW PIPE



N.M. CUTTING BLOW PIPE

BILL OF MATERIAL

SL. NO.	DESCRIPTION	DRAWING NO.	MATERIAL	QTY.
1	CUTTER BODY	JEW/NMCB/6100/01	BRASS	01
2	VALVE	JEW/NMCB/6100/02	BRASS	02
3	BRASS WASHER	JEW/NMCB/6100/03	BRASS	02
4	TEFLON WASHER	JEW/NMCB/6100/04	TEFLON	02
5	VALVE NUT	JEW/NMCB/6100/05	BRASS	02
6	KNOB	JEW/NMCB/6100/06	ALUMINIUM	02
7	LOCK NUT	JEW/NMCB/6100/07	M.S.	02
8	HOSE NUT	JEW/NMCB/6100/08	BRASS	02
9	HOSE NIPPLE	JEW/NMCB/6100/09	BRASS	02
10	LEVER	JEW/NMCB/6100/10	S.S.	01
11	LEVER PIN	JEW/NMCB/6100/11	S.S.	01
12	HANDLE	JEW/NMCB/6100/12	ALUMINIUM	01
13	BIG TUBE	JEW/NMCB/6100/13	S.S.	02
14	SMALL TUBE	JEW/NMCB/6100/14	S.S.	01
15	HEAD	JEW/NMCB/6100/15	BRASS	01
16	NOZZLE NUT	JEW/NMCB/6100/16	BRASS	01
17	NOZZLE (THREE SEAT TYPE)	JEW/NMCB/6100/17	COPPER	01
18	HANDLE CAP	JEW/NMCB/6100/18	S.S.	01
19	LEVER LOCK	JEW/NMCB/6100/19	S.S.	01



Cutting /Welding Torches

NM Gas Cutting Blow Pipe

(Item Code:-3012729-001)

Features:-

- ❖ Inlet Hose Connection G 3/8"-19 BSP
- ❖ Torch Head can be 90°
- ❖ Nozzle Mixing Technology
- ❖ No Backfire
- ❖ Angle Head Forged from brass rods provides longer life
- ❖ Tubes for O₂ & Fuel Gas :Seamless Stainless Steel
- ❖ Knobs: Metallic-better grip, longer life.



ACT-3

Model No.	Item	Head	Nozzle for Propane	Nozzle for C ₂ H ₂
ACT-3	NM Gas Cutting Blow Pipe	90°	PNME	ANME

Gas Cutting Blow Pipe

(Item Code:-3012729-002)

Features:-

- ❖ Confirms to IS 7653:1975
- ❖ Body & Head Forged Brass
- ❖ Inlet Hose Connection G 3/8"-19 BSP
- ❖ Suitable for Acetylene & Propane nozzle
- ❖ Injector Type
- ❖ Cutting up to 300 mm mild steel.
- ❖ Length of torch can be increased on customer demand.



ACT-1

Model No.	Item	Head	Nozzle for Propane	Nozzle for C ₂ H ₂
ACT-1	Hand Cutting Torch	90°	TYPE-L	TYPE-A

Pug Machine Cutting Blow Pipe

(Item Code:-3012729-003)

**ACT-2****Features:-**

- ❖ Circle Cutting: Recommended ID 50-2400 mm
- ❖ Gas Connection: M 12x1 for O₂ & C₂H₂ RH & LH respectively.
- ❖ Cutting Speed: 80-100 mm/min. (50Hz)
100-1000 mm/min. (60HZ)

Model No.	Item	Cutting Thickness (mm)	Straight Cutting (mm)	Circle Cutting (dia. mm)	Bevels	Bevel Shape
ACT-2	NM Pug Cutter	5-60	1800	30-2400	0°-45°	LV,Y

Gas Welding Torch

(Item Code:-3012729-004/005)

Features:-

- ❖ Forged Brass Shank
- ❖ Heavy Duty
- ❖ Weld mild Steel up to 8.5 mm thickness
- ❖ Control Knob Red for Acetylene & Blue for Oxygen
- ❖ Tips Swaged Copper

**AWT-1****AWT-2**



New Series

Cutting Torches/Welding Torches

NM Hand Cutting Torch

(Item Code:-3012729-024)

Features:-

- ❖ Inlet Thread Size G 3/8"-19 BSP
- ❖ Torch Head can be 90°



JW-1236

Model No.	Item	Head	Nozzle for Propane	Nozzle for C_2H_2
JW-1236	Hand cutting Torch	90°	PNME	ANME

NM Hand Cutting Torch

(Item Code:-3012729-025)

Features:-

- ❖ Light Duty Cutting up to 300 mm steel.
- ❖ Die Forged Brass Head for added Strength & Durability
- ❖ Torch can also be chrome plated on request.



JW-1231

Model No.	Item	Head	Nozzle for Propane	Nozzle for C_2H_2	Length (mm)
JW-1231	Hand Cutting Torch	90°	PNM/PNME	ANM/ANME	485

NM-250 Hand Cutting Torch

(Item Code:-3012729-026/0-27)

Features:-

- ❖ Heavy Duty Cutting up to 300 mm Steel
- ❖ Die Forged Brass Head for added Strength & Durability
- ❖ Inlet Thread Size G 3/8"-19 BSP
- ❖ Torch Head can be 75°/90°/180°



JW-1210 A



JW 1210 N

Model No.	Item	Head	Nozzle for Propane	Nozzle for C_2H_2	Length (mm)
JW-1210 A	NM-250 Hand Cutting Torch	75°/90°/180°	PNM/PNME	ANM/ANME	480
JW-1210 N	NM-250 Hand Cutting Torch	75°/90°/180°	PNM/PNME	ANM/ANME	480

(Item Code:-3012729-028)**Features:-**

- ❖ Control Knob made-up p of S.S.
- ❖ Inlet Thread Size G 3/8"-19 BSP
- ❖ Light Duty Cutting up to 300 mm steel.

**JW-247**

Model No.	Item	Head	Nozzle for Propane	Nozzle for C ₂ H ₂
JW-247	Cutting Torch	75°	Indian	Indian

(Item Code:-3012729-029)**Features:-**

- ❖ Control Knob made-up p of S.S.
- ❖ Inlet Thread Size G 3/8"-19 BSP
- ❖ Light Duty Cutting up to 300 mm steel.

**JW-250**

Model No.	Item	Head	Nozzle for Propane	Nozzle for C ₂ H ₂
JW-250	Cutting Torch	75°	PNM/PNME	ANMANME

(Item Code:-3012729-030)**Features:-**

- ❖ Control Knob made-up p of S.S.
- ❖ Inlet Thread Size G 3/8"-19 BSP
- ❖ Light Duty Cutting up to 300 mm steel.

**JW-62-3**

Model No.	Item	Head	Nozzle for Propane	Nozzle for C ₂ H ₂
JW-262-3	Cutting Torch	75°	PNM/PNME	ANMANME



Straight Cutting Machine /Pug Cutting Machine Cutter

(Item Code:-3012729-031)

Features:-

- ❖ Circle Cutting: Recommended ID 50-2400 mm
- ❖ Gas Connection: M 12x1 for O₂ & C₂H₂ RH & LH respectively.
- ❖ Cutting Speed: 80-100 mm/min. (50Hz)
100-1000 mm/min. (60HZ)



JW-1601

Model No.	Item	Cutting Thickness (mm)	Straight Cutting (mm)	Circle Cutting (dia. mm)	Bevels	Bevel Shape
JW-1601	NM Pug Cutter	5-60	1800	30-2400	0°-45°	I,V,Y

Cutting torch Two Seater/Three Seater Nozzle

(Item Code:-3012729-032)

- ❖ Heavy Duty Cutting up to 300 mm Steel
- ❖ Die Forged Brass Head for added Strength & Durability
- ❖ Inlet Thread Size G 3/8"-19 BSP
- ❖ Torch Head can be 75°



JW-02-200P

Model No.	Item	Head	Nozzle for Propane	Nozzle for C ₂ H ₂
JW-02-200P	Shank with two seat nozzle Cutting Attachment	75°	Indian	Indian

- ❖ Heavy Duty Cutting up to 300 mm Steel
- ❖ Die Forged Brass Head for added Strength & Durability
- ❖ Inlet Thread Size G 3/8"-19 BSP
- ❖ Torch Head can be 75°

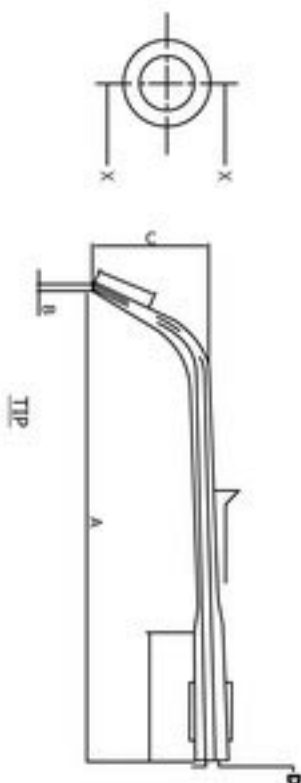


JW-02-200AP

Model No.	Item	Head	Nozzle for Propane	Nozzle for C ₂ H ₂
JW-02-200AP	Shank with NM Cutting Attachment	75°	PNM/PNME	ANM/ANME

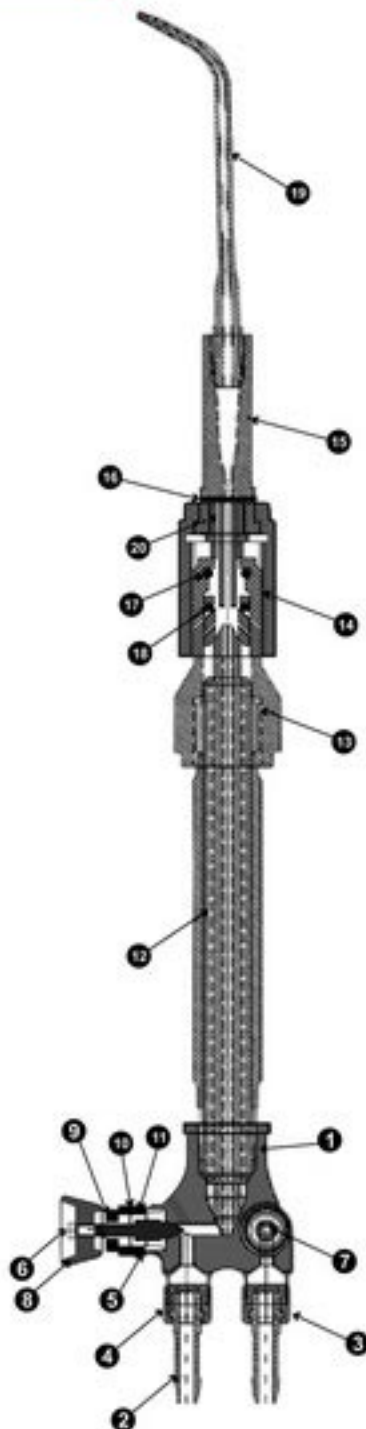
SKETCH OF HIGH PRESSURE WELDING BLOW PIPE

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NOTE : MATERIAL AS PER IS : SPECIFICATION

S.No.	Tip No.	Total
1.	2	113± 3.0
2.	3	113± 3.0
3.	6	136± 3.0
4.	13	137± 3.0
5.	20	245± 3.0
6.	30	245± 3.0



HIGH PRESSURE WELDING BLOW PIPE BILL OF MATERIAL



SL. NO.	DESCRIPTION	PART NO.	MATERIAL	QTY.
1	MAIN BODY	JEW/WB/6100/01	BRASS	01
2	HOZE NIPPLE	JEW/WB/6100/02	BRASS	02
3	HEX NUT (RH)	JEW/WB/6100/03	BRASS	01
4	HEX NUT (LH)	JEW/WB/6100/04	BRASS	01
5	CONNECTOR VALVE PIN	JEW/WB/6100/05	BRASS/S.S	02
6	LOCK NUT	JEW/WB/6100/06	BRASS	02
7	WASHER	JEW/WB/6100/07	BRASS	02
8	KNOB	JEW/WB/6100/08	ALUMINIUM	02
9	VALVE NUT	JEW/WB/6100/09	BRASS	02
10	TEFLON WASHER	JEW/WB/6100/10	TEFLON	02
11	BRASS WASHER	JEW/WB/6100/11	BRASS	04
12	HANDLE	JEW/WB/6100/12	ALUMINIUM	01
13	ADOPTER	JEW/WB/6100/13	BRASS	01
14	COUPLING NUT	JEW/WB/6100/14	BRASS	01
15	BODY CONNECTOR	JEW/WB/6100/15	BRASS	01
16	O RING FOR BODY CONNECTOR	JEW/WB/6100/16	NEOPRENE	01
17	O RING (BIG)	JEW/WB/6100/17	NEOPRENE	01
18	O RING (SMALL)	JEW/WB/6100/18	NEOPRENE	01
19	TIP	JEW/WB/6100/19	COPPER	01
20	Z FOR H.P. BLOW PIPE	JEW/WB/6100/20	BRASS	01

OPERATIONAL DATA**(HIGH PRESSURE) WELDING BLOW PIPE****• HOW TO OPERATE /**

- Use proper tip size for welding of Mild Steel plates/sheets.
- Before connecting the regulator to the cylinder clean the orifice of the cylinder valve.
- Connect the oxygen and fuel gas regulators to the respective cylinders.
- Red hose to be connected to fuel gas and blue with oxygen regulators respectively
- Tight all hose connections properly with suitable hose clips.
- Connect the suitable tips as per the job requirement and secure them tightly. Take the guidance from the operating data provided
- Ensure that the knobs of fuel and Oxygen gases of welding blow pipe are closed.
- Protect hoses from flames, spatter and hot metal.
- Open the fuel gas knob and ignite the gas and now open the oxygen gas and adjust the flow of Oxygen and fuel gas to get neutral flame.

SAFETY INSTRUCTIONS /

- Tight the tip properly
- Clean the tip if not getting neutral flame proper.
- First close the "FUEL GAS" knob of the welding blow pipe after completion of work and than the "OXYGEN" knob
- Close the cylinder valves.
- Tight all hose connections properly with suitable hose clips.

- Remove all inflammable materials like oils, grease, paint etc. near the vicinity of work place.

Do's

- To clear the orifice of the tip use drill one size smaller than the orifice of tip.
- In case tip is getting over heat dip in the water.
- Set Oxygen and fuel gas pressures as shown in the operational table.
- Use Aprin, hand gloves and proper safety goggles for protection.
- Keep safe distance from flames & fumes while working

Don'ts

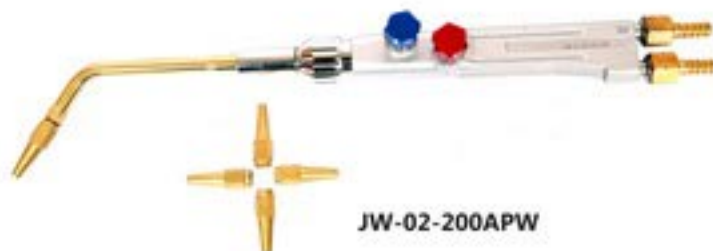
- Do not apply pressure beyond working pressure recommended in the table.
- Do not change or try to change pressure of first stage (Which is preset) in two stage regulator.
- Do not use hoses that have cracks.
- Do not touch the tip with surface of the job while working.

H.P.Welding Blow Pipe**(Item Code:-3012729-033)**

- ❖ Forged Aluminum Shank
- ❖ Heavy Duty
- ❖ Weld mild Steel up to 8.5 mm thickness
- ❖ Control Knob Red for Acetylene & Blue for Oxygen
- ❖ Tips Swaged Copper /Brass Tubes/Brass Tips
- ❖ Mixture Specially designed to avoid backfires

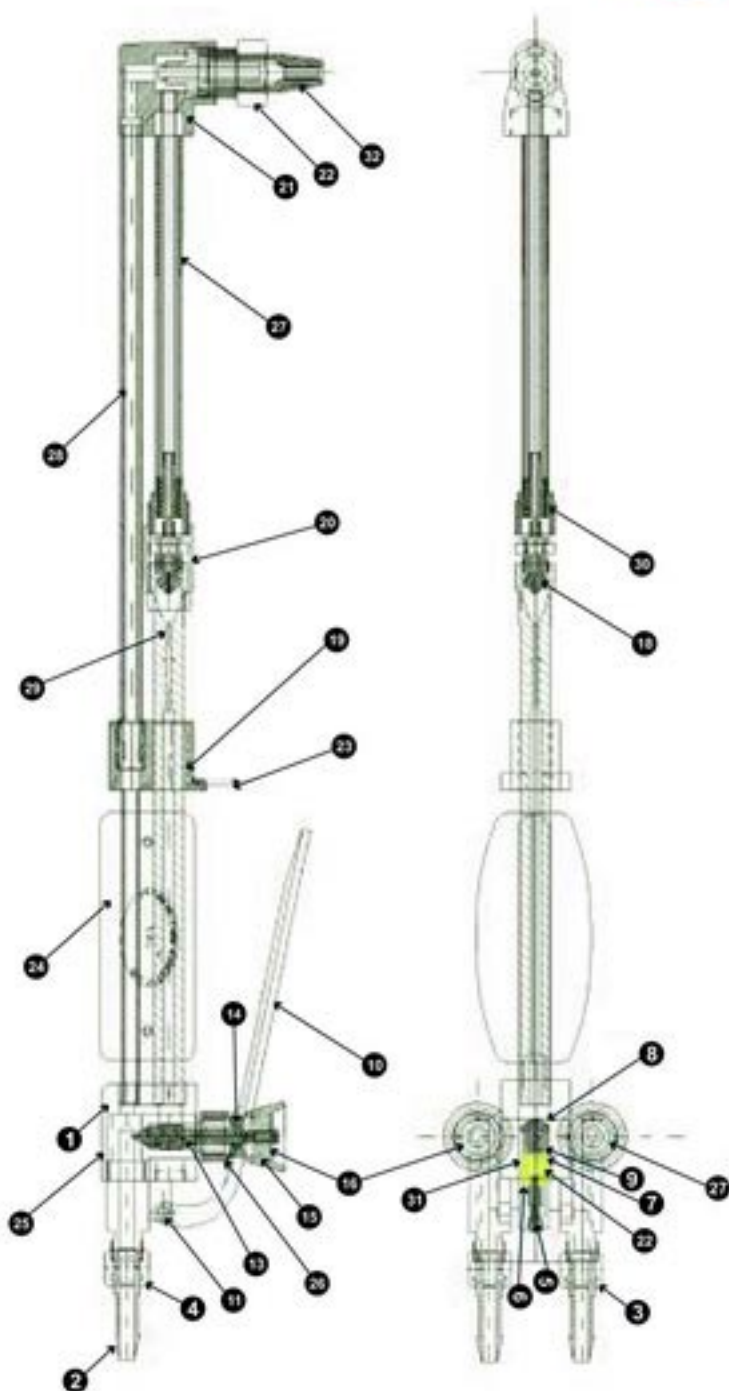


Model No.	Item	Copper TIPS (for high and low pressure)	Welding Capacity
JW-02-200APW	Shank with Welding Attachment	4	8.5 mm thickness



Model No.	Item	Brass Tips (for LPG only)	Welding Capacity
JW-02-200APW	Shank with Welding Attachment	4	8.5 mm thickness

SKETCH OF CUTTING BLOW PIPE



CUTTING BLOW PIPE

BILL OF MATERIAL

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SL. NO.	DESCRIPTION	PART NO.	MATERIAL	QTY.
1	MAIN BODY	JEW/CB/6100/01	BRASS	01
2	HOZE NIPPLE	JEW/CB/6100/02	BRASS	02
3	HEX NUT	JEW/CB/6100/03	BRASS	01
4	HEX NUT	JEW/CB/6100/04	BRASS	01
5	SPINDLE	JEW/CB/6100/05	BRASS	01
6	PLUNGER NUT (BIG)	JEW/CB/6100/06	BRASS	01
7	O RING (SMALL)	JEW/CB/6100/07	NEOPRENE	01
8	NEOPRENE WASHER	JEW/CB/6100/08	NEOPRENE	01
9	COMP. SPRING	JEW/CB/6100/09	S.S.	01
10	LEVER	JEW/CB/6100/10	ALUMINIUM	01
11	PIN FOR LEVER	JEW/CB/6100/11	BRASS	01
12	PLUNGER NUT (SMALL)	JEW/CB/6100/12	BRASS	01
13	CONNECTOR VALVE PIN	JEW/CB/6100/13	BRASS	02
14	TEFLON WASHER	JEW/CB/6100/14	TEFLON	01
15	KNOB	JEW/CB/6100/15	ALUMINIUM/ABS	02
16	LABEL FOR KNOB OXYGEN	JEW/CB/6100/16	ALUMINIUM	01
17	LABEL FOR KNOB ACETYLENE	JEW/CB/6100/17	ALUMINIUM	01
18	INJECTOR	JEW/CB/6100/18	BRASS	01
19	BODY CONNECTOR	JEW/CB/6100/19	BRASS	01
20	COUPLING NUT	JEW/CB/6100/20	BRASS	01
21	HEAD FOR CUTTING TORCH	JEW/CB/6100/21	BRASS	01
22	NOZZLE NUT	JEW/CB/6100/22	BRASS	01
23	CLAMP FOR LEVER	JEW/CB/6100/23	BRASS	01
24	GRIP	JEW/CB/6100/24	BAKELITE	01
25	LABEL (jai gopal engg. works. Pvt. Ltd)	JEW/CB/6100/25	ALUMINIUM	01
26	VALVE NUT	JEW/CB/6100/26	BRASS	02
27	6 HOLE SOCKET ASSLY	JEW/CB/6100/27	BRASS	01
28	OXYGEN TUBE FOR HEAD ASSLY	JEW/CB/6100/28	BRASS	01
29	CONNECTING TUBE (DA)	JEW/CB/6100/29	BRASS	01
30	Z FOR OUTER TUBE	JEW/CB/6100/30	BRASS	01
31	O RING (BIG)	JEW/CB/6100/31	NEOPRENE	01
32	NOZZLE	JEW/CB/6100/32	COPPER	01

OPERATIONAL DATA OF CUTTING BLOW PIPE

How to Operate

1. Use Proper nozzle size for cutting of Mild Steel Plates.
2. Before connecting the regulator to the cylinder clean the orifice of the cylinder valve.
3. Connect the oxygen and fuel gas regulators to the respective cylinders.
4. Red hose to be connected to fuel gas and blue hose with oxygen regulators & for cutting torch, connect red pipe to fuel gas nipple and blue pipe to oxygen gas nipple.
5. Tighten all hoses or hose connections properly with suitable hose clips.
6. Connect the suitable nozzle/tips as per the job requirement and secure them tightly. Take the guidance from the operating data provided.
7. Ensure that the knobs of fuel and oxygen gases of cutting torches are closed.
8. Protect hoses from flames, spatter and molten slag or hot metal.
9. Open the fuel gas knob and ignite the gas and now open the oxygen gas and adjust the flow of oxygen and fuel gas to get neutral flame.

Safety Instructions

1. Choose a correct tip/Nozzle (Refer Operational data for guidance)
2. Tighten the nozzle Properly with the head.
3. Clean the nozzle if not getting neutral flame proper.
4. First close the "Fuel Gas" knob of the cutting torch after completion of work and then close the "OXYGEN" knob.
5. Close the cylinder valves.
6. Pressure from the regulators and both hoses should be released after completion of work.
7. Remove all inflammable materials like oils, grease, paint etc. near the vicinity of work place.

OPERATING DATA

OPERATING DATA FOR MILD STEEL CUTTING WITH "ASHA" CUTTING BLOW PIPE (INJECTOR TYPE). COMPLY WITH ISI AND ISO STANDARDS

Material Thickness		Nozzle Size		Gas Pressure Oxygen		Fuel Gas Pressure			
mm	inch	mm	inch	bar	psi	Acetylene		Propane	
						bar	psi	bar	psi
6.0	1/4"	A 8 (0.8)	1/32"	1.5	20	0.15	2.0	0.20	3.0
12.0	1/2"	A 12 (1.2)	3/64"	2.0	30	0.15	2.0	0.20	3.0
25.0	1"	A 16 (1.6)	1/16"	2.5	35	0.15	2.0	0.30	4.0
50.0	2"	A 16 (1.6)	1/16"	3.0	45	.15	2.0	0.30	4.0
75.0	3"	A 16 (1.6)	1/16"	3.50	50	0.15	2.0	0.30	4.0
100	4"	A 20 (2.0)	5/64"	4.0	60	0.20	3.0	0.35	5.0
150	6"	A 24 (2.4)	3/32"	4.0	60	0.20	3.0	0.40	6.0
200	8"	A 28 (2.8)	7/64"	4.0	60	0.20	3.0	0.40	6.0
250	10"	A 32 (3.2)	1/8"	4.0	60	0.20	3.0	0.45	6.5

Above pressures are for guidance only.

Do's

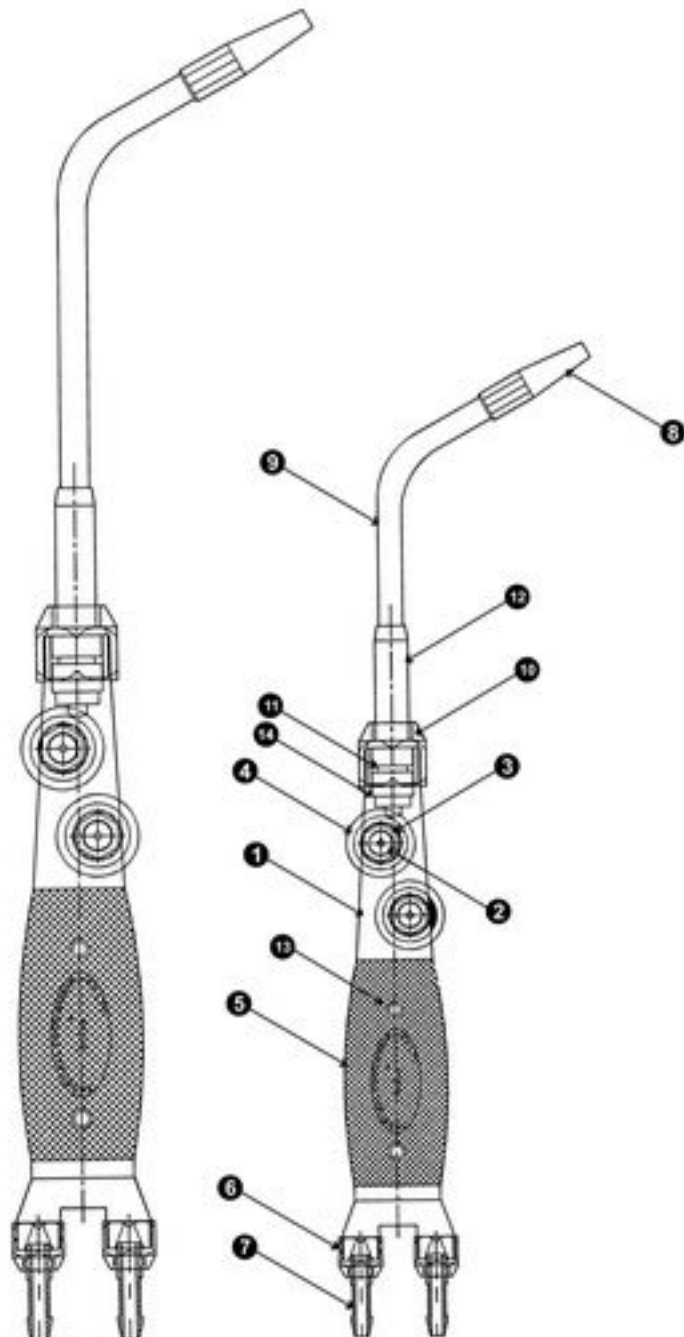
1. To clear the orifices of the nozzle use wire one size smaller than the orifice of nozzle.
2. In case nozzle / head is getting over heated dip in the water.
3. Set oxygen and fuel gas pressures as shown in the operational data.
4. Use Apron, hand gloves and proper safety goggles for protection.
5. Keep safe distance from flames & fumes while working.
6. Secure the pipe with the clamp properly.

Dont's

1. Do not use odd pieces of wire, reamers to clean the cutting orifices.
2. Do not interfere in any way with the seating surfaces either of the nozzle or the head of the cutting blow pipe.
3. Do not maltreat the nozzle.
4. Do not use hoses that have cracks.

SKETCH OF LP WELDING BLOW PIPE (BIG & SMALL)

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LP WELDING BLOW PIPE (BIG & SMALL)

BILL OF MATERIAL



SL. NO.	DESCRIPTION	DRAWING NO.	MATERIAL	QTY.
1	BODY	JEW/WBP/6100/01	BRASS	01
2	VALVE	JEW/WBP/6100/02	BRASS	02
3	VALVE NUT	JEW/WBP/6100/03	BRASS	02
4	KNOB	JEW/WBP/6100/04	BRASS	02
5	GRIP (HANDLE)	JEW/WBP/6100/05	BAKELITE	01
6	HOSE NUT	JEW/WBP/6100/06	BRASS	02
7	HOSE NIPPLE	JEW/WBP/6100/07	BRASS	02
8	TIP	JEW/WBP/6100/08	COPPER	01
9	TIP HOLDER	JEW/WBP/6100/09	BRASS	01
10	COUPLING NUT	JEW/WBP/6100/10	BRASS	01
11	O RING	JEW/WBP/6100/11	NEOPRENE	01
12	ADOPTER	JEW/WBP/6100/12	BRASS	01
13	SCREW GRIP	JEW/WBP/6100/13	S. STEEL	02
14	INJECTOR	JEW/WBP/6100/14	BRASS	01

• HOW TO OPERATE /

- Use proper tip size for welding of Mild Steel plates/sheets.
- Before connecting the regulator to the cylinder clean the orifice of the cylinder valve.
- Connect the oxygen and fuel gas regulators to the respective cylinders.
- Red hose to be connected to fuel gas and blue with oxygen regulators respectively
- Tight all hose connections properly with suitable hose clips.
- Connect the suitable tips as per the job requirement and secure them tightly. Take the guidance from the operating data provided
- Ensure that the knobs of fuel and Oxygen gases of welding blow pipe are closed.
- Protect hoses from flames, spatter and hot metal.
- Open the fuel gas knob and ignite the gas and now open the oxygen gas and adjust the flow of Oxygen and fuel gas to get neutral flame.

SAFETY INSTRUCTIONS /

- Tight the tip properly
- Clean the tip if not getting neutral flame proper.
- First close the "FUEL GAS" knob of the welding blow pipe after completion of work and than the "OXYGEN" knob
- Close the cylinder valves.
- Tight all hose connections properly with suitable hose clips.

- Remove all inflammable materials like oils, grease, paint etc. near the vicinity of work place.

Do's

- To clear the orifice of the tip use drill one size smaller than the orifice of tip.
- In case tip is getting over heat dip in the water.
- Set Oxygen and fuel gas pressures as shown in the operational table.
- Use Apron, hand gloves and proper safety goggles for protection.
- Keep safe distance from flames & fumes while working

Don'ts

- Do not apply pressure beyond working pressure recommended in the table.
- Do not change or try to change pressure of first stage (Which is preset) in two stage regulator.
- Do not use hoses that have cracks.
- Do not touch the tip with surface of the job while working.

IS:6901



CM/L 8978016
Pressure Regulator

ISO 9001:2008

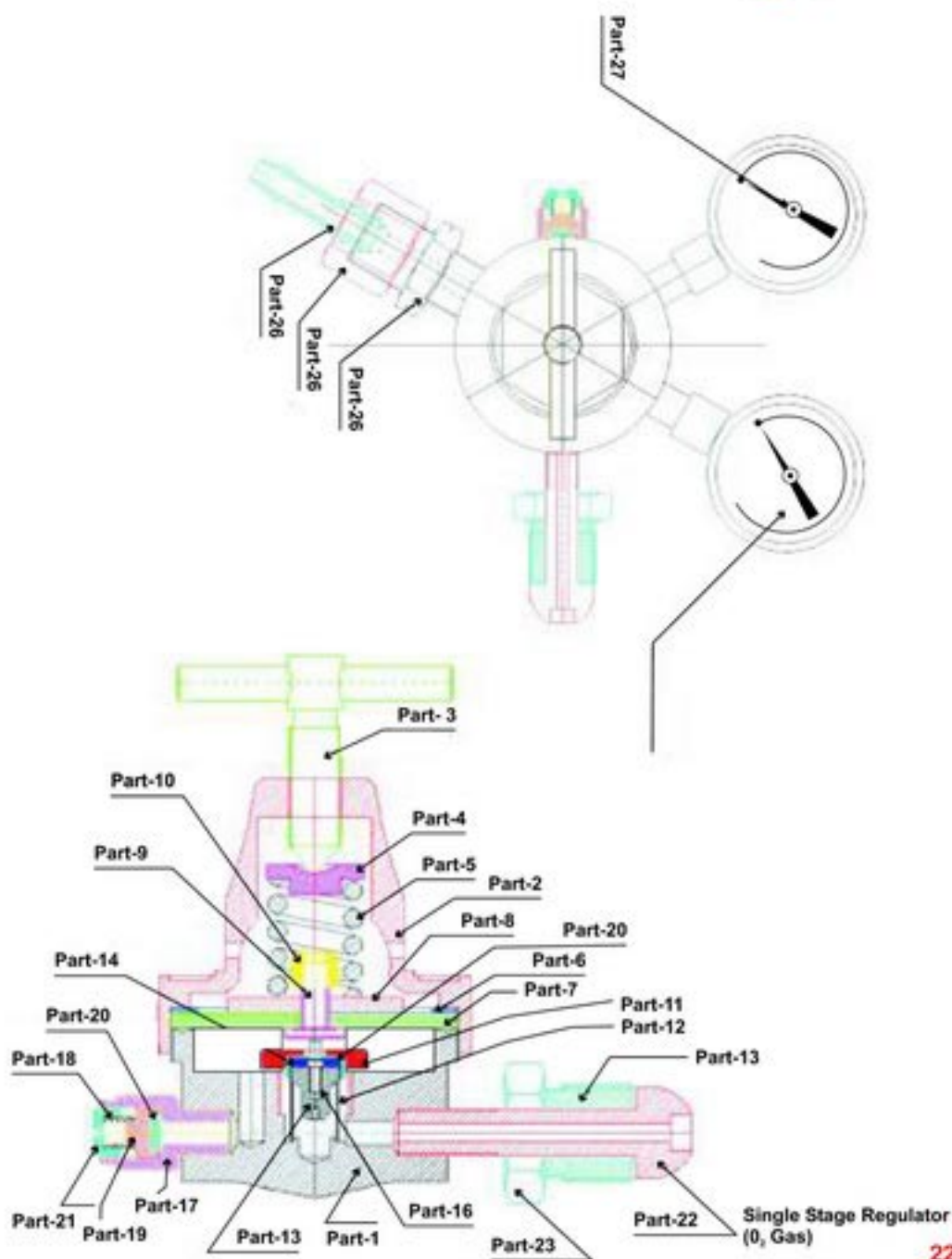
UNITAS CERTIFICATION SERVICES

C.E STANDARD
CERTIFICATE NO:9207

CYLINDER REGULATORS



SKETCH OF MINI REGULATOR

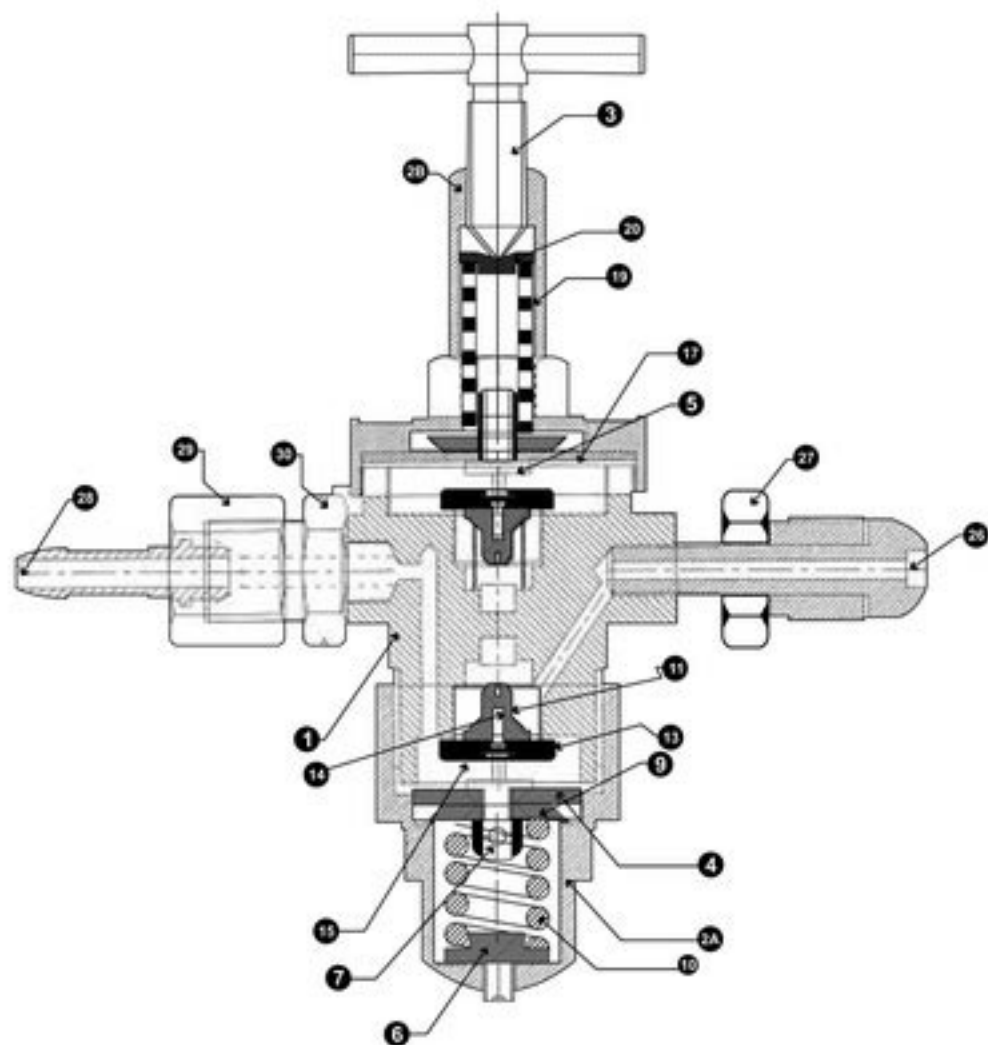


SINGLE STAGE REGULATORS

BILL OF MATERIAL

SL. NO.	DESCRIPTION	PART NO.	MATERIAL	STANDARD	QTY.
1	MAIN BODY	JEW/O/3100/AOX-2/1	BRASS	IS-6912	01
2	BONNET (S.STAGE)	JEW/O/3100/AOX-2/2	BRASS	IS-6912	01
3	PRESSURE ADJ. SCREW	JEW/O/3100/AOX-2/3	BRASS	IS-319	01
4	PRESSURE PAD	JEW/O/3100/AOX-2/4	BRASS	IS-319	01
5	COMP SPR (BONNET)	JEW/O/3100/AOX-2/5	SPRING STEEL	IS-4454 PART-2	01
6	GASKET	JEW/O/3100/AOX-2/6	FIBRE	IS-4819	01
7	DIAPHRAGM	JEW/O/3100/AOX-2/7	NEOPRENE RUBBER	IS-3400 PART-22	01
8	BRASS WASHER	JEW/O/3100/AOX-2/8	BRASS	IS-319	01
9	SCREW	JEW/O/3100/AOX-2/9	BRASS	IS-319	01
10	LOCK NUT	JEW/O/3100/AOX-2/10	BRASS	IS-319	01
11	SEAT NUT	JEW/O/3100/AOX-2/11	BRASS	IS-319	01
12	COMP. SPR(SEAT NUT)	JEW/O/3100/AOX-2/12	S.S.	IS-4454 PART-4	01
13	PIN VALVE BODY	JEW/O/3100/AOX-2/13	BRASS	IS-319	01
14	HEX NUT (PIN VALVE)	JEW/O/3100/AOX-2/14	BRASS	IS-319	01
15	RUBBER WASHER	JEW/O/3100/AOX-2/15	NEOPRENE RUBBER	IS-3400 PART-22	01
16	PIN VALVE	JEW/O/3100/AOX-2/16	S.S.	IS-319	01
17	RELIEF VALVE BODY	JEW/O/3100/AOX-2/17	BRASS	IS-319	01
18	COMP. SPR (RELIEF VAL)	JEW/O/3100/AOX-2/18	S.S.	IS-319	01
19	RUBBER GUIDE	JEW/O/3100/AOX-2/19	BRASS	IS-319	01
20	RELIEF VAL. WASHER	JEW/O/3100/AOX-2/20	NEOPRENE RUBBER	IS-319	01
21	RELIEF VAL. BUTTON	JEW/O/3100/AOX-2/21	BRASS	IS-319	01
22	INLET CONNECTOR	JEW/O/3100/AOX-2/22	BRASS	IS-319	01
23	HOSE HEX NUT (INLET)	JEW/O/3100/AOX-2/23	BRASS	IS-319	01
24	OUTLET CONNECTOR	JEW/O/3100/AOX-2/24	BRASS	IS-319	01
25	HOSE HEX NUT	JEW/O/3100/AOX-2/25	BRASS	IS-319	01
26	ADOPTER OUTLET	JEW/O/3100/AOX-2/26	BRASS	IS-319	01
27	PRESSURE GAUGE	JEW/O/3100/AOX-2/27	BRASS	IS-319	01
28	PRESSURE GAUGE	JEW/O/3100/AOX-2/28	BRASS	IS-319	01

SKETCH OF TWO STAGE REGULATOR



TWO STAGE REGULATOR BILL OF MATERIAL

ROBIN
Industries

SL. NO.	DESCRIPTION	PART NO.	MATERIAL	STANDARD
1	MAIN BODY	JEW/O/3100/AOX-5/01	BRASS	IS-6912
2A	BONNET (I.STAGE)	JEW/O/3100/AOX-5/2A	BRASS	IS-6912
2B	BONNET (II.STAGE)	JEW/O/3100/AOX-5/2B	BRASS	IS-6912
3	PRESSURE ADJ. SCREW.	JEW/O/3100/AOX-5/03	BRASS	IS-319
4	DIAPHRAGM(BONNET-I)	JEW/O/3100/AOX-5/04	NEOPRENE RUBBER	IS-3400 Part-22
5	SCREW(BONNET-II)	JEW/O/3100/AOX-5/05	BRASS	IS-319
6	P.R. PLATE-I (BONNET-I)	JEW/O/3100/AOX-5/06	BRASS	IS-319
7	LOCK NUT (BONNET-I)	JEW/O/3100/AOX-5/07	BRASS	IS-319
8	GASKET (BONNET-I)	JEW/O/3100/AOX-5/08	FIBER	IS-4819
9	PR. PAD (BONNET-I)	JEW/O/3100/AOX-5/09	BRASS	IS-319
10	COMP. SPRING(BONNET-I)	JEW/O/3100/AOX-5/10	SPRING STEEL	IS-4454/2
11	PIN VALVE BODY	JEW/O/3100/AOX-5/11	BRASS	IS-319
12	RUBBER WASHER	JEW/O/3100/AOX-5/12	NEOPRENE RUBBER	IS-3400 PART-22
13	HEX NUT (PIN VALVE)	JEW/O/3100/AOX-5/13	BRASS	IS-319
14	PIN	JEW/O/3100/AOX-5/14	S.S.	IS-6603
15	SEAT NUT	JEW/O/3100/AOX-5/15	BRASS	IS-319
16	BLANKING PLUG	JEW/O/3100/AOX-5/16	BRASS	IS-319
17	DIAPHRAGM (BONNET-II)	JEW/O/3100/AOX-5/17	NEOPRENE RUBBER	IS-3400 PART-22
18	ROUND NUT (BONNET-II)	JEW/O/3100/AOX-5/18	BRASS	IS-319
19	COMP. SPRING (BONNET-II)	JEW/O/3100/AOX-5/19	SPRING STEEL	IS-4454/2
20	PR. PLATE-III (BONNET-II)	JEW/O/3100/AOX-5/20	BRASS	IS-319
21	RELIEF VALVE BODY	JEW/O/3100/AOX-5/21	BRASS	IS-319
22	COMP. SPRING(RELIEF VAL.)	JEW/O/3100/AOX-5/22	SPRING STEEL	IS-4454/2
23	RUBBER GUIDE	JEW/O/3100/AOX-5/23	BRASS	IS-319
24	SAFETY WASHER	JEW/O/3100/AOX-5/24	NEOPRENE RUBBER	IS-319
25	RELIEF VALVE BUTTON	JEW/O/3100/AOX-5/25	BRASS	IS-4454/4
26	INLET CONNECTION	JEW/O/3100/AOX-5/26	BRASS	IS-319
27	HEX NUT INLET (LH)	JEW/O/3100/AOX-5/27	BRASS	IS-4454/4
28	HOSE NIPPLE	JEW/O/3100/AOX-5/28	BRASS	IS-319
29	HOSE HEX NUT	JEW/O/3100/AOX-5/29	BRASS	IS-3400 PART-22
30	ADOPTER OUTLET	JEW/O/3100/AOX-5/30	BRASS	IS-319
31	COMP. SPRING (SEAT NUT)	JEW/O/3100/AOX-5/31	SPRING STEEL	IS-4454 PART-4
32	GASKET (BONNET-II)	JEW/O/3100/AOX-5/32	BRASS	IS-319
33	PR. GAUGE (INLET)	JEW/O/3100/AOX-5/33	BRASS	IS-319
34	PR. GAUGE (OUTLET)	JEW/O/3100/AOX-5/34	BRASS	IS-319



Regulators

Single Stage Manifold/High Flow Regulator

Item Code:-89780160-001

- ❖ Extra High Performance
- ❖ Unique safety provision
- ❖ Applicable for High & Constant Flow demand
- ❖ Can be used in pipeline or manifold
- ❖ Max. Flow 3500 LPM
- ❖ Operating temp.(-20°C to 65°C)



AOX-14

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Oxygen	AOX-14	150	14	G 5/8"-14 A BSP RH	G 3/8"-19 BSP RH	1400

- ❖ Extra High Performance
- ❖ Unique safety provision
- ❖ Applicable for High & Constant Flow demand
- ❖ Can be used in pipeline or manifold
- ❖ Max. Flow 3500 LPM
- ❖ Operating temp.(-20°C to 65°C)



AN₂-14

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Nitrogen	AN ₂ -14	150	14	G 3/4"-14 BSP RH	G 3/8"-19 BSP RH	1400

- ❖ Extra High Performance
- ❖ Unique safety provision
- ❖ Applicable for High & Constant Flow demand
- ❖ Can be used in pipeline or manifold
- ❖ Max. Flow 3500 LPM
- ❖ Operating temp.(-20°C to 65°C)



ACO₂-14

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Carbon dioxide	ACO ₂ -14	150	14	W 21.8 x 1.814 RH Int.	G 3/8"-19 BSP RH	1400

Single Stage Extra High Pressure Regulator

Item Code:-8978016-002

- ❖Forged Brass Body
- ❖Ready to use on Manifold
- ❖The working Pressure can be set by Pressure adjusting Key.
- ❖Operating temp.(-20°C to 65°C)
- ❖Piston Type Diaphragm to with Stand High Outlet Pressure.

**AOX-7**

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Oxygen	AOX-7	150	120	G 5/8"-14 A BSP RH	G 3/8"-19 BSP RH	2600

- ❖Forged Brass Body
- ❖Ready to use on Manifold
- ❖The working Pressure can be set by Pressure adjusting Key.
- ❖Operating temp.(-20°C to 65°C)
- ❖Piston Type Diaphragm to with Stand High Outlet Pressure.

**AN₂-7**

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Nitrogen	AN ₂ -7	150	120	G 3/4"-14 BSP RH	G 3/8"-19 BSP RH	2600

- ❖Forged Brass Body
- ❖Ready to use on Manifold
- ❖The working Pressure can be set by Pressure adjusting Key.
- ❖Operating temp.(-20°C to 65°C)
- ❖Piston Type Diaphragm to with Stand High Outlet Pressure.

**AH₂-7**

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Hydrogen	AH ₂ -7	150	120	G 5/8"-14 A BSP LH	G 3/8"-19 BSP LH	2600



Single Stage High Pressure Regulator

Item Code:-8978016-003

- ❖Forged Brass Body
- ❖Applicable in cartridge filling, pressure testing of vessels etc.
- ❖Ready to use on Manifold
- ❖The working Pressure can be set by Pressure adjusting Key.
- ❖Operating temp.(-20°C to 65°C)
- ❖Piston Type Diaphragm to with Stand High Outlet Pressure



AOX-6

Gas	Model No.	Rated (Max.)Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Oxygen	AOX-6	150	80	G 5/8"-14 A BSP RH	G 3/8"-19 BSP RH	2000

- ❖Forged Brass Body
- ❖Applicable in cartridge filling, pressure testing of vessels etc.
- ❖Ready to use on Manifold
- ❖The working Pressure can be set by Pressure adjusting Key.
- ❖Operating temp.(-20°C to 65°C)
- ❖Piston Type Diaphragm to with Stand High Outlet Pressure



AH₂-6

Gas	Model No.	Rated (Max.)Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Hydrogen	AH ₂ -6	150	80	G 5/8"-14 A BSP LH	G 3/8"-19 BSP LH	2000

- ❖Forged Brass Body
- ❖Applicable in cartridge filling, pressure testing of vessels etc.
- ❖Ready to use on Manifold
- ❖The working Pressure can be set by Pressure adjusting Key.
- ❖Operating temp.(-20°C to 65°C)
- ❖Piston Type Diaphragm to with Stand High Outlet Pressure



AN₂-6

Gas	Model No.	Rated (Max.)Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Nitrogen	AN ₂ -6	150	120	G 3/4"-14 BSP RH	G 3/8"-19 BSP RH	2000

Two Stage Regulators

Item Code:-8978016-004/-005

- ❖ Confirms to IS 6901:2009 & ISO 2503:1998
- ❖ Steady Flow of Gas at the outlet irrespective of Cylinder Gas valve
- ❖ Much bigger Plenum chamber ensures steady flow of Gas
- ❖ Forged Brass Body
- ❖ Inlet connection Provided with Filter
- ❖ S.S. Diaphragm /Rubber Diaphragm
- ❖ Fitted with PRV(Safety Valve)



AN₂-5

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Nitrogen	AN ₂ -5	150	10	G 3/4"-14 BSP RH	G 3/8"-19 BSP RH	500

- ❖ Confirms to IS 6901:2009 & ISO 2503:1998
- ❖ Steady Flow of Gas at the outlet irrespective of Cylinder Gas valve
- ❖ Much bigger Plenum chamber ensures steady flow of Gas
- ❖ Forged Brass Body
- ❖ Inlet connection Provided with Filter
- ❖ S.S. Diaphragm /Rubber Diaphragm
- ❖ Fitted with PRV(Safety Valve)



ADA-5

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Acetylene	ADA-5	25	<1.5	G 5/8"-14 A BSP LH	G 3/8"-19 BSP LH	83

- ❖ Steady Flow of Gas at the outlet irrespective of Cylinder Gas valve
- ❖ Much bigger Plenum chamber ensures steady flow of Gas
- ❖ Forged Brass Body
- ❖ Inlet connection Provided with Filter
- ❖ S.S. Diaphragm /Rubber Diaphragm
- ❖ Fitted with PRV(Safety Valve)
- ❖ Operating temp.(-20°C to 65°C)



AN₂O-5

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Nitrous oxide	AN ₂ O-5	150	10	W11/16"-20 RH	G 3/8"-19 BSP RH	500



- ❖ Confirms to IS 6901:2009 & ISO 2503:1998
- ❖ Steady Flow of Gas at the outlet irrespective of Cylinder Gas valve
- ❖ Much bigger Plenum chamber ensures steady flow of Gas
- ❖ Forged Brass Body
- ❖ Inlet connection Provided with Filter
- ❖ S.S. Diaphragm /Rubber Diaphragm
- ❖ Fitted with PRV(Safety Valve)



ACO₂-5

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Carbon dioxide	ACO ₂ -5	150	2	W 21.8 x 1.814 RH Int.	G 3/8"-19 BSP RH	33

- ❖ Confirms to IS 6901:2009 & ISO 2503:1998
- ❖ Steady Flow of Gas at the outlet irrespective of Cylinder Gas valve
- ❖ Much bigger Plenum chamber ensures steady flow of Gas
- ❖ Forged Brass Body
- ❖ Inlet connection Provided with Filter
- ❖ S.S. Diaphragm /Rubber Diaphragm
- ❖ Fitted with PRV(Safety Valve)



AH₂-5

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Hydrogen	AH ₂ -5	150	10	G 5/8"-14 BSP RH	G 3/8"-19 BSP RH	500

- ❖ Confirms to IS 6901:2009 & ISO 2503:1998
- ❖ Steady Flow of Gas at the outlet irrespective of Cylinder Gas valve
- ❖ Much bigger Plenum chamber ensures steady flow of Gas
- ❖ Forged Brass Body
- ❖ Inlet connection Provided with Filter
- ❖ S.S. Diaphragm /Rubber Diaphragm
- ❖ Fitted with PRV(Safety Valve)



AAr-5

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Argon	AAr-5	150	10	G 3/4"-14 BSP RH	G 3/8"-19 BSP RH	500

- ❖ Confirms to IS 6901:2009 & ISO 2503:1998
- ❖ Steady Flow of Gas at the outlet irrespective of Cylinder Gas valve
- ❖ Much bigger Plenum chamber ensures steady flow of Gas
- ❖ Forged Brass Body
- ❖ Inlet connection Provided with Filter
- ❖ S.S. Diaphragm /Rubber Diaphragm
- ❖ Fitted with PRV(Safety Valve)



AAir-5

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Air	AAir-5	150	10	G 7/8"-14 BSP RH	G 3/8"-19 BSP RH	500

- ❖ Confirms to IS 6901:2009 & ISO 2503:1998
- ❖ Steady Flow of Gas at the outlet irrespective of Cylinder Gas valve
- ❖ Much bigger Plenum chamber ensures steady flow of Gas
- ❖ Forged Brass Body
- ❖ Inlet connection Provided with Filter
- ❖ S.S. Diaphragm /Rubber Diaphragm
- ❖ Fitted with PRV(Safety Valve)



AHe-5

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Helium	AHe-5	150	10	G 3/4"-14 BSP RH	G 3/8"-19 BSP RH	500

- ❖ Confirms to IS 6901:2009 & ISO 2503:1998
- ❖ Steady Flow of Gas at the outlet irrespective of Cylinder Gas valve
- ❖ Much bigger Plenum chamber ensures steady flow of Gas
- ❖ Forged Brass Body
- ❖ Inlet connection Provided with Filter
- ❖ S.S. Diaphragm /Rubber Diaphragm
- ❖ Fitted with PRV(Safety Valve)



AOX-5

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Oxygen	AOX-5	150	10	G 5/8"-14 BSP RH	G 3/8"-19 BSP RH	500



Item Code:-8978016-039



AOX-5N

Gas	Model No.	Max. Inlet Pressure (bar)	Max. Outlet Pressure (bar)	Size Inlet	Size Outlet	Flow Rate (LPM)
Oxygen*	AOX-5N	150	10	G 5/8" -14 A BSP RH	G3/8"-19 BSP RH	950
Acetylene	ADA-5N	25	<1.5	G 5/8" -14 A BSP LH	G3/8"-19 BSP LH	100
Nitrogen*	AN ₂ -5N	150	10	G 3/4" -14 BSP RH	G3/8"-19 BSP RH	950
Nitrous Oxide*	AN ₂ O-5N	150	10	W 11/16" -20 RH	G3/8"-19 BSP RH	950
Carbon dioxide*	ACO ₂ -5N	150	4	W 21.8 x 1.814 RH Int.	G3/8"-19 BSP RH	600
Argon*	AAr-5N	150	10	G 3/4" -14 BSP RH	G3/8"-19 BSP RH	950
Hydrogen*	AH ₂ -5N	150	10	G 5/8" -14 A BSP LH	G3/8"-19 BSP LH	950
Helium*	AHe-5N	150	10	G 3/4" -14 BSP RH	G3/8"-19 BSP RH	950
Air*	AAir-5N	150	10	G 7/8" -14 BSP RH	G3/8"-19 BSP RH	950

Two Stage Chrome Plated Regulator

- ❖ Confirms to IS 6901:2009 & ISO 2503:1998
- ❖ Steady Flow of Gas at the outlet irrespective of Cylinder Gas valve
- ❖ Much bigger Plenum chamber ensures steady flow of Gas
- ❖ Chrome plated for medical use
- ❖ Inlet connection Provided with Filter
- ❖ S.S. Diaphragm /Rubber Diaphragm
- ❖ Fitted with PRV(Safety Valve)



AMOX-5

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Oxygen	AMOX-5	150	10	G 5/8"-14 BSP RH	G 3/8"-19 BSP RH	500

Single Stage Double Meter Regulator

Item Code:-8978016-007

- ❖ Confirms to IS 6901:2009 & ISO 2503:1998
- ❖ Forged Brass Body
- ❖ Fitted with PRV (Safety Valve)
- ❖ Desired working Pressure can be set by Pressure adjusting Key.
- ❖ Two Pressure Gauges for indicating Inlet & Outlet Pressure



AOX-2

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Oxygen	AOX-2	150	10	G 5/8"-14 A BSP RH	G 3/8"-19 BSP RH	500

- ❖ Confirms to IS 6901:2009 & ISO 2503:1998
- ❖ Forged Brass Body
- ❖ Desired working Pressure can be set by Pressure adjusting Key.
- ❖ Two Pressure Gauges for indicating Inlet & Outlet Pressure
- ❖ Operating temp. (-20°C to 65°C)



ADA-2

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Acetylene	ADA-2	25	<1.5	G 5/8"-14 BSP LH	G 3/8"-19 BSP LH	83

- ❖ Confirms to IS 6901:2009 & ISO 2503:1998
- ❖ Forged Brass Body
- ❖ Fitted with PRV (Safety Valve)
- ❖ Desired working Pressure can be set by Pressure adjusting Key.
- ❖ Two Pressure Gauges for indicating Inlet & Outlet Pressure



AN₂-2

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Nitrogen	AN ₂ -2	150	10	G 3/4"-14 BSP RH	G 3/8"-19 BSP RH	500



- ❖ Forged Brass Body
- ❖ Fitted with PRV (Safety Valve)
- ❖ Desired working Pressure can be set by Pressure adjusting Key.
- ❖ Two Pressure Gauges for indicating Inlet & Outlet Pressure
- ❖ Operating temp. (-20°C to 65°C)



Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Nitrous oxide	AN ₂ -2	150	10	W11/16"-20 RH	G 3/8"-19 BSP RH	500

- ❖ Confirms to IS 6901:2009 & ISO 2503:1998
- ❖ Forged Brass Body
- ❖ Fitted with PRV (Safety Valve)
- ❖ Desired working Pressure can be set by Pressure adjusting Key.
- ❖ Two Pressure Gauges for indicating Inlet & Outlet Pressure



Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Carbon dioxide	ACO ₂ -2	150	4	W 21.8 x 1.814 RH Int.	G 3/8"-19 BSP RH	33

- ❖ Confirms to IS 6901:2009 & ISO 2503:1998
- ❖ Forged Brass Body
- ❖ Fitted with PRV (Safety Valve)
- ❖ Desired working Pressure can be set by Pressure adjusting Key.
- ❖ Two Pressure Gauges for indicating Inlet & Outlet Pressure



Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Argon	AAr-2	150	10	G 3/4"-14 BSP RH	G 3/8"-19 BSP RH	500

- ❖ Confirms to IS 6901:2009 & ISO 2503:1998
- ❖ Forged Brass Body
- ❖ Fitted with PRV (Safety Valve)
- ❖ Desired working Pressure can be set by Pressure adjusting Key.
- ❖ Two Pressure Gauge for Inlet & Outlet Pressure
- ❖ Operating temp.(-20°C to 65°C)



AH₂-2

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Hydrogen	AH ₂ -2	150	10	G 5/8"-14 BSP LH	G 3/8"-19 BSP LH	500

- ❖ Confirms to IS 6901:2009 & ISO 2503:1998
- ❖ Forged Brass Body
- ❖ Fitted with PRV (Safety Valve)
- ❖ Desired working Pressure can be set by Pressure adjusting Key.
- ❖ Two Pressure Gauge for Inlet & Outlet Pressure
- ❖ Operating temp.(-20°C to 65°C)



AHe-2

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Helium	AHe-2	150	10	G 3/4"-14 BSP RH	G 3/8"-19 BSP RH	500

- ❖ Confirms to IS 6901:2009 & ISO 2503:1998
- ❖ Forged Brass Body
- ❖ Fitted with PRV (Safety Valve)
- ❖ Desired working Pressure can be set by Pressure adjusting Key.
- ❖ Two Pressure Gauge for Inlet & Outlet Pressure
- ❖ Operating temp.(-20°C to 65°C)



AAir-2

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Air	AAir-2	150	10	G 7/8"-14 BSP RH	G 3/8"-19 BSP RH	500



Single Stage Chrome Plated Regulator

- ❖ Confirms to IS 6901:2009 & ISO 2503:1998
- ❖ Steady Flow of Gas at the outlet irrespective of Cylinder Gas valve
- ❖ Much bigger Plenum chamber ensures steady flow of Gas
- ❖ Chrome plated for medical use
- ❖ Inlet connection Provided with Filter
- ❖ S.S. Diaphragm /Rubber Diaphragm
- ❖ Fitted with PRV(Safety Valve)



AMOX-2

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Oxygen	AMOX-2	150	10	G 5/8"-14 BSP RH	G 3/8"-19 BSP RH	500

Single Stage Double Meter Regulator(New)

Item Code:-8978016-006

- ❖ Forged brass body; bonnet for maximum strength
- ❖ Safety relief valve is set for safe operation*
- ❖ Sintered metal inlet filters to trap impurities.
- ❖ Operating temp.(-20 °C to 65 °C)



AOX-2N

Gas	Model No.	Max. Inlet Pressure (bar)	Max. Outlet Pressure (bar)	Size Inlet	Size Outlet	Flow Rate (LPM)
Oxygen*	AOX-2N	150	10	G 5/8" 14 A BSP RH	G3/8"-19 BSP RH	500
Acetylene	ADA-2N	25	<1.5	G 5/8" 14 A BSP LH	G3/8"-19 BSP LH	83
Nitrogen*	AN ₂ -2N	150	10	G 3/4"-14 BSP RH	G3/8"-19 BSP RH	500
Nitrous Oxide*	AN ₂ O-2N	150	10	W 11/16"-20 RH	G3/8"-19 BSP RH	500
Carbon dioxide*	ACO ₂ -2N	150	2	W 21.8 x 1.814 RH Int.	G3/8"-19 BSP RH	33
Argon*	AAr-2N	150	10	G 3/4"-14 BSP RH	G3/8"-19 BSP RH	500
Hydrogen*	AH ₂ -2N	150	10	G 5/8" 14 A BSP LH	G3/8"-19 BSP LH	500
Helium*	AHe-2N	150	10	G 3/4"-14 BSP RH	G3/8"-19 BSP RH	500
Air*	AAir-2N	150	10	G 7/8"14 BSP RH	G3/8"-19 BSP RH	500

Single Stage Double Meter Regulator(S.S.Diaphragm)

Item Code:-8978016-007A



- ❖ Forged brass body; bonnet for maximum strength
- ❖ Safety relief valve is set for safe operation*
- ❖ Sintered metal inlet filters to trap impurities.
- ❖ Operating temp.(-20 °C to 65 °C)

Gas	Model No.	Max. Inlet Pressure (bar)	Max. Outlet Pressure (bar)	Size Inlet	Size Outlet	Flow Rate (LPM)
Oxygen*	AOX-2A	150	10	G 5/8" -14 A BSP RH	G3/8"-19 BSP RH	1370
Acetylene	ADA-2A	25	<1.5	G 5/8" -14 A BSP LH	G3/8"-19 BSP LH	250
Nitrogen*	AN ₂ -2A	150	10	G 3/4" -14 BSP RH	G3/8"-19 BSP RH	1370
Nitrous Oxide*	AN ₂ O-2A	150	10	W 11/16"-20 RH	G3/8"-19 BSP RH	1370
Carbon dioxide*	ACO ₂ -2A	150	2	W 21.8 x 1.814 RH Int.	G3/8"-19 BSP RH	60
Argon*	AAr-2A	150	10	G 3/4" -14 BSP RH	G3/8"-19 BSP RH	1370
Hydrogen*	AH ₂ -2A	150	10	G 5/8" -14 A BSP LH	G3/8"-19 BSP LH	1370
Helium*	AHe-2A	150	10	G 3/4" -14 BSP RH	G3/8"-19 BSP RH	1370
Air*	AAir-2A	150	10	G 7/8" -14 BSP RH	G3/8"-19 BSP RH	1370



Pipe Line Natural Gas Regulator

Item Code: 8978016-035

Key Features:-

- ❖ Aluminum Body
- ❖ Applicable for Pipeline due to constant & high flow rate
- ❖ Outlet Pressure can be adjusted using pressure key
- ❖ Compact design and reliable smooth operation



Model No.	Gas	Inlet Pressure	Outlet Pressure	Gas flow rate	End Connection
APNG-1	Natural Gas/LPG	1-17 bar	0.5-10 bar	1600	1"-14 BSP RH

BIOGAS PANEL

Item Code: 08978016-036

Key Features:-

- ❖ 1st stage regulator reduces cylinder inlet pressure 200kgf/cm².
- ❖ Electric heater with thermostat provided to avoid freezing of biogas.
- ❖ 2nd stage regulator reduces pressure from 0-20 kgf/cm² to 0-6 kgf/cm².
- ❖ Electric heater coupled with thermostat to avoid freezing of biogas.
- ❖ Manual electric on/off switch is provided for heater.
- ❖ Three pressure gauges to indicate pressure at different stages.
- ❖ Digital temperature indicator to show gas temperature.



Single Stage Single Meter Regulator

Item Code:-8978016-008

- ❖ Confirms to IS 6901:2009 & ISO 2503:1998
- ❖ Forged Brass Body
- ❖ Fitted with PRV (Safety Valve)
- ❖ Desired working Pressure can be set by Pressure adjusting Key.
- ❖ Pressure Gauge shows Inlet Pressure
- ❖ Operating temp.(-20°C to 65°C)



AOX-1

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Oxygen	AOX-1	150	10	G 5/8"-14 A BSP RH	G 3/8"-19 BSP RH	500

- ❖ Confirms to IS 6901:2009 & ISO 2503:1998
- ❖ Forged Brass Body
- ❖ Desired working Pressure can be set by Pressure adjusting Key.
- ❖ Pressure Gauge shows Inlet Pressure
- ❖ Operating temp.(-20°C to 65°C)



ADA-1

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Acetylene	ADA-1	25	<1.5	G 5/8"-14 BSP LH	G 3/8"-19 BSP LH	83

Item Code:-8978016-009A

- ❖ Forged Brass Body
- ❖ Fitted with PRV (Safety Valve)
- ❖ Desired working Pressure can be set by Pressure adjusting Key.
- ❖ Pressure Gauge shows Inlet Pressure
- ❖ Operating temp.(-20°C to 65°C)



AOX-3A

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Oxygen	AOX-3A	150	10	G 5/8"-14 A BSP RH	G 3/8"-19 BSP RH	1200



Single Stage Single Meter Mini Regulator

Item Code:-8978016-009

- ❖ Precise regulation & measurement of Gas Flow.
- ❖ Suitable for wide variety of Industrial uses.
- ❖ Fitted with PRV (Safety Valve)
- ❖ Operating temp.(-20°C to 65°C)



AOX-3

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Oxygen	AOX-3	150	10	G 5/8"-14 A BSP RH	G 3/8"-19 BSP RH	500

Single Stage Single Meter Medical Regulator

Item Code:-8978016-010

- ❖ Precise regulation & measurement of Gas Flow.
- ❖ Suitable for wide variety of Medical uses.
- ❖ Preset Type, specific value of Gas Pressure to the flow meter.
- ❖ Artistic outlook, stable & specific flow control.
- ❖ The reductor is adjustable; the structure is unique, and the performance is reliable.
- ❖ The international standard connect way, is suitable for all kinds of gas bottle installation.
- ❖ Fitted with PRV



AMOX-11

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Oxygen	AMOX-11	150	10*	G 5/8"-14 A BSP RH	G 3/8"-19 BSP RH	0-25

- ❖ Precise regulation & measurement of Gas Flow.
- ❖ Suitable for wide variety of Medical uses.
- ❖ Preset Type, specific value of Gas Pressure to the flow meter.
- ❖ Artistic outlook, stable & specific flow control.
- ❖ The reductor is adjustable; the structure is unique, and the performance is reliable.
- ❖ The international standard connect way, is suitable for all kinds of gas bottle installation.
- ❖ Fitted with PRV



AMN,0-11

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Nitrous oxide	AMN,0-11	150	10	W11/16"-20 RH	G 3/8"-19 BSP RH	500

Single Stage Double Meter Regulator

Item Code:-8978016-010A

- ❖ Precise regulation & measurement of Gas Flow.
- ❖ The reductor is adjustable; the structure is unique, and the performance is reliable.
- ❖ Fitted with PRV
- ❖ Operating temp.(-20°C to 65°C)
- ❖ Chrome plated for medical use



Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Oxygen	MOX-11A	150	2	Yoke Type	G 3/8"-19 BSP RH	0-25

Item Code:-8978016-010B

- ❖ Precise regulation & measurement of Gas Flow.
- ❖ The reductor is adjustable; the structure is unique, and the performance is reliable.
- ❖ Fitted with PRV
- ❖ Operating temp.(-20°C to 65°C)
- ❖ Chrome plated for medical use



Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Oxygen	MOX-11B	150	2	Yoke Type	G 3/8"-19 BSP RH	0-25

Single Stage Double Meter Regulator with Humidifier

Item Code:-8978016-010C

- ❖ Precise regulation & measurement of Gas Flow.
- ❖ Suitable for wide variety of Medical uses.
- ❖ Preset Type, specific value of Gas Pressure to the flow meter.
- ❖ Artistic outlook, stable & specific flow control.
- ❖ The reductor is adjustable; the structure is unique, and the performance is reliable.
- ❖ The international standard connect way, is suitable for all kinds of gas bottle installation.
- ❖ Fitted with PRV



Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Oxygen	MOX-11C	150	0-10	Yoke Type	G 3/8"-19 BSP RH	0-25



Pin Type Cooking Gas Regulator

Item Code:-8978016-011

- ❖ Forged brass body; bonnet for maximum strength
- ❖ Provided with check nut for desired pressure
- ❖ Neoprene (Nylon reinforced synthetic) diaphragm



ACG-8

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate
LPG	ACG-8	8	1.5	Pin Index	G 3/8" -19 BSP RH	1m ³ /hr

Item Code:-8978016-012

- ❖ Forged brass body; bonnet for maximum strength
- ❖ Provided with check nut for desired pressure
- ❖ Neoprene (Nylon reinforced synthetic) diaphragm



ACG-1

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate
LPG	ACG-1	8	1.5	Pin Index	G 3/8" -19 BSP RH	1m ³ /hr

Item Code:-8978016-013

- ❖ Forged brass body; bonnet for maximum strength
- ❖ Provided with check nut for desired pressure
- ❖ Neoprene (Nylon reinforced synthetic) diaphragm



ACG-2

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated (Max.) Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate
LPG	ACG-2	8	1.5	Pin Index	G 3/8" -19 BSP RH	1m ³ /hr

Single Stage Stainless Steel Regulator

Item Code:-8978016-018

- ❖ Made up of Stainless Steel
- ❖ Completely corrosion resistant
- ❖ Adjustable Pressure Key for desired outlet pressure

**ANH,-25**

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated Max. Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Ammonia	ANH,-25	40	10	G 1/2"-14 BSP RH	G3/8"-19 BSP RH	800

- ❖ Made up of Stainless Steel
- ❖ Completely corrosion resistant
- ❖ Adjustable Pressure Key for desired outlet pressure

**AETO-25**

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated Max. Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Ethylene Oxide	AETO-25	20	10	G 5/8"-14 BSP LH	G3/8"-19 BSP RH	800

- ❖ Made up of Stainless Steel
- ❖ Completely corrosion resistant
- ❖ Adjustable Pressure Key for desired outlet pressure

**ASF,-25**

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated Max. Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Sulphur Hexafluoride	ASF,-25	160	10	G 5/8"-14 BSP	G3/8"-19 BSP RH	500



Two Stage Stainless Steel Regulator

Item Code:-8978016-019

- ❖ Made up of Stainless Steel
- ❖ Widely used for Gas cutting & Welding Purpose
- ❖ Completely corrosion resistant
- ❖ Adjustable Pressure Key for desired outlet pressure



ANH-55

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated Max. Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Ammonia	ANH-55	40	10	G 1/2" -14 BSP RH	G3/8"-19 BSP RH	500

- ❖ Made up of Stainless Steel
- ❖ Widely used for Gas cutting & Welding Purpose
- ❖ Completely corrosion resistant
- ❖ Adjustable Pressure Key for desired outlet pressure



AETO-25

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated Max. Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Ethylene Oxide	AETO-25	20	10	G 5/8" -14 BSP LH	G3/8"-19 BSP RH	800

- ❖ Made up of Stainless Steel
- ❖ Widely used for Gas cutting & Welding Purpose
- ❖ Completely corrosion resistant
- ❖ Adjustable Pressure Key for desired outlet pressure



ASF-55

Gas	Model No.	Rated (Max.) Inlet Pressure (bar)	Rated Max. Outlet Pressure (bar)	Inlet Connection	Outlet Connection	Flow Rate (LPM)
Sulphur Hexafluoride	ASF-55	160	10	G 5/8" -14 BSP	G3/8"-19 BSP RH	500

Emergency Breathing Unit Valve cum Regulator

Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Coating
Oxygen	8978016-38	JMV5013	Double Plug	200	Chrome

Note: - 1. Inlet Thread Size: 3/4" - 16 UNF Parallel
2. Outlet connections



Material of Construction

Description	Material
Valve Body Forged/Extruded	H.T. Brass
Plug Primary	Brass
Plug Secondary	Brass
Seat(Plug Secondary)	Nylon
Washer	Brass
Knob	Aluminium
Nipple outlet	Brass
Spring	S.S
Packing Nut	Free cutting Brass (IS:319)
O-Ring	Rubber

Product Features:-

- ❖ Chrome Plated.
- ❖ Extruded/ Forged Brass Body.
- ❖ O-Ring seal technology assures no leakage



New Series

Aluminium Body Regulator

(Item Code: 8978016-025)

- ❖ Single Stage Construction.
- ❖ Two Pressure Gauges for indicating Inlet & Outlet Pressure
- ❖ Integrated Safety valve and shut-off valve.
- ❖ Economy Style
- ❖ Connections for other gases can be requested.



JW-1427

Model No.	Gas	Max. Inlet Pressure(bar)	Max. Outlet Pressure(bar)	Size	
				Inlet	Outlet
JW-1427	O ₂	150	25	G-5/8" x 14 BSP	G-3/8" x 14 BSP
	C ₂ H ₂ (Acetylene)	25	<1.5	G-5/8" x 14 BSP LH	G-3/8" x 14 BSP LH

Aluminium Body Regulator

(Item Code: 8978016-026)

- ❖ Single Stage Construction.
- ❖ Two Pressure Gauges for indicating Inlet & Outlet Pressure
- ❖ Integrated Safety valve and shut-off valve.
- ❖ Economy Style
- ❖ Connections for other gases can be requested.



JW-1427 A

Model No.	Gas	Max. Inlet Pressure(bar)	Max. Outlet Pressure(bar)	Size	
				Inlet	Outlet
JW-1427 A	O ₂	150	10	G-5/8" x 14 BSP	G-3/8" x 19 BSP
	C ₂ H ₂ (Acetylene)	25	<1.5	G-5/8" x 14 BSP LH	G-3/8" x 19 BSP LH

Aluminium Body Regulator

(Item Code: 8978016-033)

- ❖ Forged Aluminum body; bonnet for maximum strength
- ❖ Oxygen safety relief valve is set for safe operation.
- ❖ Sintered metal inlet filters to trap impurities.
- ❖ No soldered joints, for easy maintenance.
- ❖ Models are available for 200 Bar Max. Inlet Pressure



JW-96-O₂

Model No.	Gas	Max. Inlet Pressure(bar)	Max. Outlet Pressure(bar)	Size	
				Inlet	Outlet
JW-96- O ₂	O ₂	150	10	G-5/8" x 14 BSP RH	G-3/8" x 19 BSP RH

Aluminium Body Regulator

(Item Code: 8978016-034)

- ❖ Single Stage Construction
- ❖ Forged Aluminum Body for Maximum Strength
- ❖ Neoprene reinforced Diaphragms
- ❖ Two Pressure Gauges for indicating Inlet & Outlet Pressure
- ❖ Integrated safety valve and shut-off valve.
- ❖ Connection for other gases can be requested



O₂



C₂H₂

Model No.	Gas	Max. Inlet Pressure(bar)	Max. Outlet Pressure(bar)	Size		Flow m ³ /h
				Inlet	Outlet	
JW-07L	O ₂	150	0-10	G-5/8" x 14	G-3/8" x 19 BSP	40
	C ₂ H ₂ (Acetylene)	25	0-1.5	Frame work	G-3/8" x 19 BSP LH	5



Single Stage Double Meter Regulator

(Item Code: 8978016-027A&B)



JW-1442A



JW-1442B

- ❖ Brass bonnet
- ❖ Forged brass body for maximum strength
- ❖ Two Pressure Gauges for indicating Inlet & Outlet Pressure
- ❖ Heated with PRV
- ❖ Connections for other gases can be requested.

Gas	Model No.	Max. Inlet Pressure (bar)	Max. Outlet Pressure (bar)	Size Inlet	Size Outlet	Flow Rate (LPM)
Oxygen*	JW-1442AO ₂	150	10	G 5/8" 14 A BSP RH	G3/8"-19 BSP RH	1200
Acetylene	JW-1442AC ₂ H ₂	25	<1.5	G 5/8" 14 A BSP LH	G3/8"-19 BSP LH	100
Nitrogen*	JW-1442AN	150	10	G 3/4"-14 BSP RH	G3/8"-19 BSP RH	1200
Nitrous Oxide*	JW-1442AN ₂ O	150	10	W 11/16"-20 RH	G3/8"-19 BSP RH	1200
Carbon dioxide*	JW-1442ACO ₂	150	2	W 21.8 x 1.814 RH Int.	G3/8"-19 BSP RH	600
Argon*	JW-1442AAr	150	10	G 3/4"-14 BSP RH	G3/8"-19 BSP RH	900
Hydrogen*	JW-1442AH ₂	150	10	G 5/8" 14 A BSP LH	G3/8"-19 BSP LH	1200
Helium*	JW-1442AHe	150	10	G 3/4"-14 BSP RH	G3/8"-19 BSP RH	1200
Air*	JW-1442AAir	150	10	G 7/8" 14 BSP RH	G3/8"-19 BSP RH	1200

Single Stage Double Meter Regulator

(Item Code: 8978016-027)

- ❖ Chrome bonnet
- ❖ Forged brass body for maximum strength
- ❖ Two Pressure Gauges for indicating Inlet & Outlet Pressure
- ❖ Integrated safety valve and shut-off valve.
- ❖ Connections for other gases can be requested.



JW-1442

Model No.	Gas	Max. Inlet Pressure(bar)	Max. Outlet Pressure(bar)	Size	
				Inlet	Outlet
JW-1442	O ₂	150	10	G-5/8" x 14 BSP	G-3/8" x 19 BSP
	C ₂ H ₂ (Acetylene)	25	<1.5	G-5/8" x 14 BSP	G-3/8" x 19 BSP LH

Flowmeter Regulator

(Item Code: 8978016-028/30)

- ❖ Full brass body, single stage.
- ❖ Flow meter with easy to read tube and virtually unbreakable transparent polycarbonate outer
- ❖ Combination of regulator and flow meter as one unit
- ❖ No soldered joint, for easy maintenance
- ❖ Side entry
- ❖ Connections for other gases can be requested
- ❖ Chrome plated for medical use



JW-1405

JW-1406

Model No.	Gas	Max. Inlet Pressure(bar)	Max. Outlet Pressure(bar)	Size	
				Inlet	Outlet
JW-1405	Ar	150	25	G-5/8" x 14 BSP RH	G-3/8" x 19 BSP RH
JW-1406	CO ₂	150	25	W 21.8x1.814	G-3/8" x 19 BSP RH

Soda Fountain Regulator

(Item Code: 8978016-044)

- ❖ Brass bonnet
- ❖ Forged brass body for maximum strength
- ❖ Two Pressure Gauges for indicating Inlet & Outlet Pressure
- ❖ Fitted with PRV



ASF-01



Flowmeter Regulator with Heater (Item Code: 8978016-029)

- ❖ Full brass body, single stage.
- ❖ Flow meter with easy to read tube and virtually unbreakable transparent polycarbonate outer
- ❖ Combination of regulator, heater and flow meter as one unit
- ❖ No soldered joint, for easy maintenance
- ❖ Side entry
- ❖ Connections for other gases can be requested.



JW-1406A

Model No.	Gas	Max. Inlet Pressure(bar)	Max. Outlet Pressure(bar)	Size	
				Inlet	Outlet
JW-1406A	CO ₂	150	-	W21.8x1.814	G-3/8" x 19 BSP

(Item Code: 8978016-029A)

- ❖ Full brass body, single stage.
- ❖ Heater coupled with thermostat to avoid over heating
- ❖ Combination of regulator and heater as one unit
- ❖ No soldered joint, for easy maintenance
- ❖ Side entry
- ❖ Connections for other gases can be requested.



JW-1406B

Model No.	Gas	Max. Inlet Pressure(bar)	Max. Outlet Pressure(bar)	Size	
				Inlet	Outlet
JW-1406B	CO ₂	150	-	W21.8x1.814	G-3/8" x 19 BSP

(Item Code: 8978016-029B)

- ❖ Full brass body, single stage.
- ❖ Heater coupled with thermostat to avoid over heating
- ❖ Combination of regulator and heater as one compact unit
- ❖ No soldered joint, for easy maintenance
- ❖ Side entry
- ❖ Connections for other gases can be requested.



JW-1406C

Model No.	Gas	Max. Inlet Pressure(bar)	Max. Outlet Pressure(bar)	Size	
				Inlet	Outlet
JW-1406C	CO ₂	150	-	W21.8x1.814	G-3/8" x 19 BSP

medical Regulator

(Item Code: 8978016-031)

- ❖ Full Brass Body, Pin Type out Connection
- ❖ Flow meter 0-25 LPM
- ❖ Yoke Type Inlet



JW-1469

Model No.	Item	Max. Inlet Pressure(bar)	Max. Outlet Pressure(bar)	Size		Flow m ³ /h
				Inlet	Outlet	
JW-1469	Medical Regulator	150	2	5/8"-14 A BSP RH	Hose Type	0-25 LMP

Medical Regulator

(Item Code: 8978016-032)

- ❖ Full Brass Body
- ❖ Flow meter 0-25 LPM
- ❖ Hose Connection Outlet



JW-1470

Model No.	Item	Max. Inlet Pressure(bar)	Max. Outlet Pressure(bar)	Size		Flow m ³ /h
				Inlet	Outlet	
JW-1470	Medical Regulator	150	2	Yoke Type	Pin Type	0-25 LMP

Extra High Pressure Regulator

(Item Code: 8978016-035)

- ❖ Forged Brass Body
- ❖ Applicable in cartridge filling, pressure testing of vessels etc.
- ❖ Ready to use on Manifold
- ❖ The working Pressure can be set by Pressure adjusting Key.



JW-1407

Model No.	Gas	Max. Inlet Pressure(bar)	Max. Outlet Pressure(bar)	Size	
				Inlet	Outlet
JW-1407	O ₂	150	150	G-5/8" x 14 BSP	1/4" NPT



Notes





ISO 9001:2008

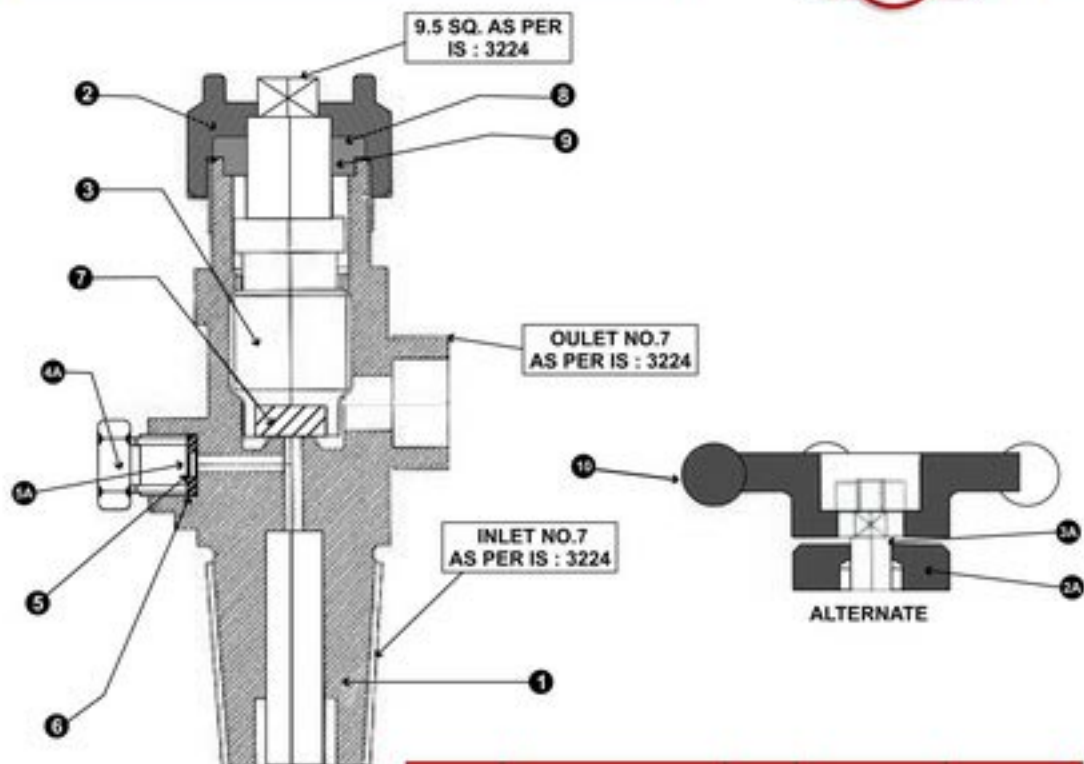
UNITAS CERTIFICATION SERVICES

C.E STANDARD

CERTIFICATE NO:9207

GAS CYLINDER VALVES

SKETCH OF CO₂ VALVE



SL. NO.	DESCRIPTION	QTY.	MATERIAL	STANDARD
1	VALVE HOUSING	01	BRASS	IS-6912
2	GLAND NUT	01	BRASS	IS-319
3	SPINDLE	01	S.S.	IS-6603
4	DISC RETAINER NUT	01	BRASS	IS-319
5	COPPER DISC	01	COPPER	
5A	DISC RETAINER	01	BRASS	IS:319
6	NYLON WASHER	01	NYLON	
7	SPINDLE SEAT	01	NYLON	
8	TEFLON WASHER	01	TEFLON	
9	BRASS WASHER	01	BRASS	IS-319
10	HAND WHEEL	01	ALUMINIUM	

SL. NO.	DESCRIPTION	QTY.	MATERIAL	STANDARD
4 A	DISC RETAINER NUT	01	BRASS IS-319	AS PER CUSTOMER REQUIREMENT
5 A	DISC RETAINER	01	BRASS IS-319	

NOTE ALL DIMENSIONS IN MM

DO'S AND DON'TS OF VALVES

ROBIN
Industries

DO'S

It is you who should be careful before using the valve, a little care would give you a long life and trouble free service.

Visual inspection any damage during transit may be brought to the notice of our dealer.

Check for inlet thread and outlet threads if damaged please do not insert the valve in the cylinder. Get the valve repaired/ replaced.

Check name of gas before use (use same gas for which the valve is designed, the use pipe. name of gas is marked on the valve)

(Pressure Relief Device) is designed as per IS: 3224, if you have to change ask for ASHA burst disc only any variation in thickness would change the parameters of its

Never retighten the retainer nut of PRD, as these are tightened as per ISI standard norms. But consult your seller.

Valve repairs of any type may please be carried out by trained personnel only.

We provide adequate assistance for any of your queries, regarding tightening of inlet or outlet threads tightening torques are given in our literature please adhere to it strictly.

Use proper torque wrenches, (do not use adjustable wrench) and spanners only.

DON'TS

It is you who should be careful before using the valve, a little care would give you a long life and trouble free service.

It is strongly recommended not to reuse the valve that have less than two threads above the cylinder neck after it is tightened to the replaced. Cylinder.

To obtain extra torque never use pipe.

Never use repaired/ reconditioned valve until unless it is tested as per IS specifications.

Discontinue to use the valve if its performance during use. harder or you hear some sound while operating.



Industrial Valves

Gas	Item Code	Model No.	Type	Working Pr. (Kgf/cm ²)	Outlet No.	Outlet Thread Size
Oxygen	8538590-015	JIVSR5814	Single Spindle	200	3	G5/8" BSP-RH

Note: - Inlet Thread Size: 0.715"-14 Full form, 1"-14 Full form, 1.25"-11 Full form & 1.25"-11 BSPT

0.715"-14 Full form	1"-14 Full form	1.25"-11 Full form	1.25"-11 BSPT
			

Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Confirms to IS 3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 200Kgf/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.
- ❖ Available in Two robust design i.e. Key & Wheel Operated.

Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Oxygen	8538590-015	JIVSR5814K	Single Spindle	200	3	GS/8" BSP-RH

Note: - Inlet Thread Size: 0.715"-14 Full form, 1"-14 Full form, 1.25"-11 Full form & 1.25"-11 BSPT



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle-1/Spindle-2	S.S. 304/Brass

Product Features:-

- ❖ Vertical Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 200Kg/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.
- ❖ Available in Two robust design i.e. Key & Wheel Operated.



Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Oxygen*	8538590-016	JTVSR5814	Single Spindle	200	3	G5/8" BSP-RH

Note: - Inlet Thread Size: 0.715"-14 Full form & 1"-14 Full form

*Chrome Plated For Medical Use



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Confirms to IS 3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 200Kg/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.
- ❖ Available in Two robust design i.e. Key & Wheel Operated.

Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Acetylene	8538590-017	JVSRS814	Single Spindle	200	2	G5/8" BSP-LH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Confirms to IS 3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 200Kg/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.
- ❖ Available in Two robust design i.e. Key & Wheel Operated.



Gas	Item Code	Model No.	Type	Working Pr. (Kgf/cm ²)	Outlet No.	Outlet Thread Size
Butadiene	8538590-018	JIVSR5814	Single Spindle	200	2	G5/8" BSP-LH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Confirms to IS 3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 200Kgf/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.
- ❖ Available in Two robust design i.e. Key & Wheel Operated.

Gas	Item Code	Model No.	Type	Working Pr. (Kgf/cm ²)	Outlet No.	Outlet Thread Size
Carbon monoxide	8538590-019	JIVSR5814	Single Spindle	200	2	G5/8" BSP-LH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Confirms to IS 3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 200Kgf/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.
- ❖ Available in Two robust design i.e. Key & Wheel Operated.



Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Coal gas	8538590-020	JIVSR5814	Single Spindle	200	2	G5/8" BSP-LH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Confirms to IS 3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 200Kg/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.
- ❖ Available in Two robust design i.e. Key & Wheel Operated.

Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Ethylene	8538590-021	JVSRS814	Single Spindle	200	2	G5/8" BSP-LH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Confirms to IS 3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 200Kg/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.
- ❖ Available in Two robust design i.e. Key & Wheel Operated.



Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Hydrogen	8538590-022	JIVSR5814	Single Spindle	200	2	G5/8" BSP-LH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Confirms to IS 3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 200Kg/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.
- ❖ Available in Two robust design i.e. Key & Wheel Operated.

Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Dimethyl ether	8538590-024	JIVSR5814	Single Spindle	200	2	G5/8" BSP-LH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Confirms to IS 3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 200Kg/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.
- ❖ Available in Two robust design i.e. Key & Wheel Operated.



Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Dimethyl ether	8538590-024	JVSRS814	Single Spindle	200	2	G5/8" BSP-LH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Confirms to IS 3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 200Kg/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.
- ❖ Available in Two robust design i.e. Key & Wheel Operated.

Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Nitrous oxide*	8538590-025	JVSR1746	Single Spindle	200	12	EXT.W17.46X1.27-RH

Note: - Inlet Thread Size: 1"-14 Full form

***Chrome Plated For Medical Use**



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Confirms to IS 3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 200Kg/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.
- ❖ Available in Two robust design i.e. Key & Wheel Operated.



Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Argon	8538590-026	JIVSR3414A	Single Spindle	175	20	G 3/4" A BSP -RH

Note: - Inlet Thread Size: 1"14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Confirms to IS 3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 175Kg/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.
- ❖ Available in Two robust design i.e. Key & Wheel Operated.

Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Nitrogen	8538590-027	JVSR3414A	Single Spindle	175	20	G 3/4" A BSP -RH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Confirms to IS 3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 175Kg/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.
- ❖ Available in Two robust design i.e. Key & Wheel Operated.



Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Helium	8538590-028	JIVSR3414A	Single Spindle	175	20	G 3/4" A BSP -RH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Confirms to IS 3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 175Kg/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.
- ❖ Available in Two robust design i.e. Key & Wheel Operated.

Gas	Item Code	Model No.	Type	Working Pr. (Kgf/cm ²)	Outlet No.	Outlet Thread Size
Neon	8538590-029	JIVSR3414A	Single Spindle	175	20	G 3/4" A BSP -RH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Confirms to IS 3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 175Kgf/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.
- ❖ Available in Two robust design i.e. Key & Wheel Operated.



Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Krypton	8538590-030	JVSR3414A	Single Spindle	175	20	G 3/4" A BSP -RH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Confirms to IS 3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 175Kg/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.
- ❖ Available in Two robust design i.e. Key & Wheel Operated.

Gas	Item Code	Model No.	Type	Working Pr. (Kgf/cm ²)	Outlet No.	Outlet Thread Size
Xenon	8538590-031	JIVSR3414A	Single Spindle	175	20	G 3/4" A BSP -RH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Confirms to IS 3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 175Kgf/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.
- ❖ Available in Two robust design i.e. Key & Wheel Operated.



Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Carbon dioxide	8538590-032	JIVSR21814A	Wheel Type	160	7	EXT.W 21.8X1.814-RH

Note: - Inlet Thread Size: 0.715"-14 Full form, 1"-14 Full form & 1.25"-11 Full form

THIS WHEEL IS ALSO
AVAILABLE



0.715"-14 Full form	1"-14 Full form	1.25"-11 Full form
		

Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304
Wheel	Aluminium (ABS)
Safety	Copper

Product Features:-

- ❖ Confirms to IS3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 160Kg/cm²
- ❖ Gland Packing fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.

Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Carbon dioxide	8538590-033	JIVSR21814A	Wheel Type	160	7	EXT.W 21.8X1.814-RH

Note: - Inlet Thread Size: 0.715"-14 Full form, 1"-14 Full form, 1.25"-11 Full form & 1.25"-11 BSPT

0.715"-14 Full form	1"-14 Full form	1.25"-11 Full form	1.25"-11 BSPT
			

Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304
Safety	Copper

Product Features:-

- ❖ Confirms to IS3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 160Kg/cm²
- ❖ Gland Packing fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.



Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Air	8538590-034	JVSR7814A	Single Spindle	175	19	G 7/8" A BSP-RH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Confirms to IS 3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 175Kg/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.

Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Chlorine	8538590-035	JIVSR5814A	Single Spindle	50	5	G 5/8" A BSP-RH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Confirms to IS 3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 50Kg/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.



Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Chloro difluoro methane	8538590-036	JIVSR5814A	Single Spindle	50	5	G 5/8" A BSP-RH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Confirms to IS 3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 50Kg/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.

Gas	Item Code	Model No.	Type	Working Pr. (Kgf/cm ²)	Outlet No.	Outlet Thread Size
Chloro trifluoro methane	8538590-037	JIVSR5814A	Single Spindle	50	5	G 5/8" A BSP-RH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Confirms to IS 3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 50Kgf/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.



Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Dichloro difluoro methane	8538590-038	JIVSR5814A	Single Spindle	50	5	G 5/8" A BSP-RH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Confirms to IS 3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 50Kg/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.

Gas	Item Code	Model No.	Type	Working Pr. (Kgf/cm ²)	Outlet No.	Outlet Thread Size
Dichloro fluoro methane	8538590-039	JVSR5814A	Single Spindle	50	5	G 5/8" A BSP-RH

Note: - Inlet Thread Size: 1"-14 Full form

1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Confirms to IS 3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 50Kgf/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.



Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Hydrogen fluoride	8538590-040	JIVSR5814A	Single Spindle	50	5	G 5/8" A BSP-RH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Confirms to IS 3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 50Kg/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.

Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Sulphur hexafluoride	8538590-041	JIVSR5814A	Single Spindle	50	5	G 5/8" A BSP-RH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Confirms to IS 3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 50Kg/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.



Gas	Item Code	Model No.	Type	Working Pr. (Kgf/cm ²)	Outlet No.	Outlet Thread Size
Trichlorofluoro methane	8538590-042	JIVSR5814A	Single Spindle	50	5	G 5/8" A BSP-RH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Confirms to IS 3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 50Kgf/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.

Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Chlorine	8538590-043	JIVSR3819A	Single Spindle	50	13	G 3/8" A BSP-RH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Confirms to IS 3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 50Kg/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.



Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Dichloro difluoro methane	8538590-044	JIVSR3819A	Single Spindle	50	13	G 3/8" A BSP-RH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Confirms to IS 3224:2002
- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 50Kg/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.

Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Chlorine trifluoride	8538590-045	JVSR5814A	Single Spindle	50	5	G 5/8" A BSP-RH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	S.S.
Gland Packing	Teflon
Gland Packing Washer	S.S.
Gland Nut	S.S.
Spindle	S.S.

Product Features:-

- ❖ Long Life.
- ❖ Applicable for Toxic Gases.
- ❖ Raw Material Highly corrosion resistant.



Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Hydrogen chloride	8538590-046	ZVSR5814A	Single Spindle	50	5	G 5/8" A BSP-RH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	S.S.
Gland Packing	Teflon
Gland Packing Washer	S.S.
Gland Nut	S.S.
Spindle	S.S.

Product Features:-

- ❖ Long Life.
- ❖ Applicable for Toxic Gases.
- ❖ Raw Material Highly corrosion resistant.

Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Phosgene	8538590-047	JVSRS814A	Single Spindle	50	5	G 5/8" A BSP-RH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	S.S.
Gland Packing	Teflon
Gland Packing Washer	S.S.
Gland Nut	S.S.
Spindle	S.S.

Product Features:-

- ❖ Long Life.
- ❖ Applicable for Toxic Gases.
- ❖ Raw Material Highly corrosion resistant.



Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Biogas	8538590-048	JIVSR3819	Single Spindle	200	-	G 3/8" A BSP-RH

Note: - Inlet Thread Size: 0.715"-14 Full form

**THIS WHEEL IS ALSO
AVAILABLE**



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Packing Washer	Free Cutting Brass (IS 319)
Gland Nut	Free Cutting Brass (IS 319)
Spindle	S.S. 304

Product Features:-

- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 200Kg/cm²
- ❖ Gland Packing Fitted with Brass Washer followed by Teflon Washer to avoid leakage during long run.
- ❖ Available in Two robust design i.e. Key & Wheel Operated.

Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Oxygen	8538590-049	JIVDR5814	Double Spindle	175	3	G5/8" BSP-RH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Nut	Free Cutting Brass (IS 319)
Spindle-I	Free Cutting Brass (IS 319/S.S.)
Spindle-II	Free Cutting Brass (IS 319/S.S.)

Product Features:-

- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 175Kg/cm²
- ❖ Easily operated.



Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Carbon dioxide	8538590-050	JIVDR21814A	Double Spidle	175	7	EXT.W 21.8X1.814-RH

Note: - Inlet Thread Size: 1"-14 Full form

**THIS WHEEL IS ALSO
AVAILABLE**



1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Nut	Free Cutting Brass (IS 319)
Spindle-I	Free Cutting Brass (IS 319/S.S.)
Spindle-II	Free Cutting Brass (IS 319/S.S.)

Product Features:-

- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 175Kg/cm²
- ❖ Easily operated.

Gas	Item Code	Model No.	Type	Working Pr. (Kgf/cm ²)	Outlet No.	Outlet Thread Size
Sulphur hexafluoride	8538590-051	JIVDR5814A	Double Spindle	175	5	G5/8" BSP-RH

Note: - Inlet Thread Size: 1"-14 Full form

THIS WHEEL IS ALSO AVAILABLE



1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Gland Packing	Teflon
Gland Nut	Free Cutting Brass (IS 319)
Spindle-I	Free Cutting Brass (IS 319/S.S.)
Spindle-II	Free Cutting Brass (IS 319/S.S.)

Product Features:-

- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working Pressure up to 175Kgf/cm²
- ❖ Easily operated.



Squeeze Valve

Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Carbon dioxide	8538590-052	JISVR21814A	Single Spindle	160	7	EXT.W 21.8X1.814-RH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Spring	S.S.
Seat Holder	Free Cutting Brass (IS 319)
Soft Seating	Nitrile Rubber
Spindle	Free cutting brass (IS 319)
Lever- Bottom	MS Sheet (Powder coated)
Lever - Top	MS Sheet (Powder coated)
O-Ring	Nitrile Rubber
Split Dowel/ Rivet	M.S./Al.
Retainer Plug	Free Cutting Brass (IS 319)
Safety Disc	Copper
Safety Disc washer	Copper
O-Ring	Nitrile Rubber

Product Features:-

- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working pressure up to 160Kg/cm²

Puncture Type Valve

Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Carbon dioxide	8538590-053	JIVPUR21814A	Single Spindle	160	7	EXT.W 21.8X1.814-RH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Retainer Plug	Free Cutting Brass (IS 319)
Safety Disc	Copper
Safety Disc Washer	Copper
Rupture Disc Holder	Free Cutting Brass (IS 319)
Soft Seating	Hylam
Rupture Disc	Copper

Product Features:-

- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working pressure up to 160Kg/cm²



CO₂ System Valve (Manual/Pneumatic Operated)

Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Outlet No.	Outlet Thread Size
Carbon dioxide	8538590-054	JIVPR21814A	Single Spindle	160	7	Ext. W21.8X1.814RH

Note: - Inlet Thread Size: 1"-14 Full form



Material of Construction

Description	Material
Valve Body-Forged	H.T. Brass
Handle	S.S./Brass
Gland Nut	Brass
O-Ring	Nitrile/Neoprene
Safety Plug	Brass
Spindle	Brass
Actuating Lever	Brass
Tie	PVC/Rubber

Product Features:-

- ❖ Horizontal Outlet.
- ❖ Forged High Tensile Brass Body.
- ❖ Working pressure up to 160Kg/cm²

Manifold

Item code: 8538590-055

Gas Cylinder Manifold is a high pressure structure specially fabricated for interconnecting two or more numbers of cylinders to a common gas supply line when consumption of gas is high. Manifold interconnects two or more number of cylinders for the purpose of availability of more gas at source. The Gas Manifold pressure can be reduced to operatable pressure by a pressure regulator. The pressure regulators can be connected to two manifolds resulting in changeover of manifolds. The changeover can happen manually or automatically changing the gas supply from one bank of cylinders to the other bank without interrupting the continuity of the supply. Manifolds comprise a control panel, manifold racks, tailpipes and an isolation valve and a pressure relief valve.



High Pressure Manifold Control Valve

Item code: 8538590-056

Key Features:-

- ❖ Brass Body
- ❖ Working Pressure up to 500 Kg/cm²
- ❖ Inlet & Outlet Connection 1.25"-11 BSP
- ❖ Orifice Dia.10.00 mm
- ❖ Thrust washer Nylon (PA-66)

**THIS WHEEL IS ALSO
AVAILABLE**





Compressed Natural Gas Valve(CNG)

Item code: 8538590-057

Key Features:-

- ❖ Brass Body
- ❖ Working Pressure 204 Kg/cm²
- ❖ Safety provided at two level i.e. combination of bursting disk & fusible plug.
- ❖ Inlet thread as per customer requirement.



Manifold Control Valve

Item code: 8538590-012

Key Features:-

- ❖ Brass Body
- ❖ Working Pressure up to 200 Kg/cm²
- ❖ Inlet & Outlet Connection 5/8" 14 BSP RH



THIS WHEEL IS ALSO
AVAILABLE



Gas	Item Code	Model No.	Type	Working Pr. (Kgf/cm ²)	Coating
Oxygen	8819501-001	JMVS001	Single Spindle	175	Chrome

Note: - 1. Inlet Thread Size: 1"-14 Full form

2. Outlet - Pin Type



Material of Construction

Description	Material
Valve Body Forged/Extruded	H.T. Brass
Spindle	Brass/S.S.
Packing	Nylon
Washer	Nylon
Knob	Nylon
Nut	Free cutting Brass (IS:319)
Spring	S.S.
Packing Nut	Free cutting Brass (IS:319)
Back-up Ring	Nylon
O-Ring	EPDM

Product Features:-

- ❖ Confirms to IS 3745:2006
- ❖ Chrome Plated.
- ❖ Extruded/ Forged Brass Body.
- ❖ O-Ring seal technology assures no leakage



Gas	Item Code	Model No.	Type	Working Pr. (Kgf/cm ²)	Coating
Oxygen	8819501-001A	JMV5001	Single Spindle	175	Chrome

Note: - 1. Inlet Thread Size: 1"-14 Full form

2. Outlet - Pin Type



Material of Construction

Description	Material
Valve Body Forged/Extruded	H.T. Brass
Spindle	Brass/S.S.
Packing	Nylon
Washer	Nylon
Knob	Nylon
Nut	Free cutting Brass (IS:319)
Spring	S.S.
Packing Nut	Free cutting Brass (IS:319)
Back-up Ring	Nylon
O-Ring	EPDM

Product Features:-

- ❖ Confirms to IS 3745:2006
- ❖ Chrome Plated.
- ❖ Extruded/ Forged Brass Body.
- ❖ O-Ring seal technology assures no leakage

Gas	Item Code	Model No.	Type	Working Pr. (Kgf/cm ²)	Coating
Air	8819501-003	JMVS003	Single Spindle	175	Chrome

Note: - 1. Inlet Thread Size: 1"-14 Full form

2. Outlet - Pin Type



Material of Construction

Description	Material
Valve Body Forged/Extruded	H.T. Brass
Spindle	Brass/S.S.
Packing	Nylon
Washer	Nylon
Knob	Nylon
Nut	Free cutting Brass (IS:319)
Spring	S.S.
Packing Nut	Free cutting Brass (IS:319)
Back-up Ring	Nylon
O-Ring	EPDM

Product Features:-

- ❖ Confirms to IS 3745:2006
- ❖ Chrome Plated.
- ❖ Extruded/ Forged Brass Body.
- ❖ O-Ring seal technology assures no leakage



Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Coating
Carbon Dioxide	8819501-002	JMVS002	Single Spindle	175	Chrome

Note: - 1. Inlet Thread Size: 1"-14 Full form

2. Outlet - Pin Type



Material of Construction

Description	Material
Valve Body Forged/Extruded	H.T. Brass
Spindle	Brass/S.S.
Packing	Nylon
Washer	Nylon
Knob	Nylon
Nut	Free cutting Brass (IS:319)
Spring	S.S.
Packing Nut	Free cutting Brass (IS:319)
Back-up Ring	Nylon
O-Ring	EPDM

Product Features:-

- ❖ Confirms to IS 3745:2006
- ❖ Chrome Plated.
- ❖ Extruded/ Forged Brass Body.
- ❖ O-Ring seal technology assures no leakage

Gas	Item Code	Model No.	Type	Working Pr. (Kgf/cm ²)	Coating
Nitrogen	8819501-004	JMVS004	Single Spindle	175	Chrome

Note: - 1. Inlet Thread Size: 1"-14 Full form
2. Outlet - Pin Type



Material of Construction

Description	Material
Valve Body Forged/Extruded	H.T. Brass
Spindle	Brass/S.S.
Packing	Nylon
Washer	Nylon
Knob	Nylon
Nut	Free cutting Brass (IS:319)
Spring	S.S.
Packing Nut	Free cutting Brass (IS:319)
Back-up Ring	Nylon
O-Ring	EPDM

Product Features:-

- ❖ Confirms to IS 3745:2006
- ❖ Chrome Plated.
- ❖ Extruded/ Forged Brass Body.
- ❖ O-Ring seal technology assures no leakage



Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Coating
Nitrous Oxide	8819501-005	JMVS005	Single Spindle	175	Chrome

Note: - 1. Inlet Thread Size: 0.715" -14 Full form, 1" -14 Full form

2. Outlet - Pin Type



Material of Construction

Description	Material
Valve Body Forged/Extruded	H.T. Brass
Spindle	Brass/S.S.
Packing	Nylon
Washer	Nylon
Knob	Nylon
Nut	Free cutting Brass (IS:319)
Spring	S.S.
Packing Nut	Free cutting Brass (IS:319)
Back-up Ring	Nylon
O-Ring	EPDM

Product Features:-

- ❖ Confirms to IS 3745:2006
- ❖ Chrome Plated.
- ❖ Extruded/ Forged Brass Body.
- ❖ O-Ring seal technology assures no leakage

Gas	Item Code	Model No.	Type	Working Pr. (Kgf/cm ²)	Coating
Ethylene	8819501-006	JMVS006	Single Spindle	175	Chrome

Note: - 1. Inlet Thread Size: 1"-14 Full form
2. Outlet - Pin Type



Material of Construction

Description	Material
Valve Body Forged/Extruded	H.T. Brass
Spindle	Brass/S.S.
Packing	Nylon
Washer	Nylon
Knob	Nylon
Nut	Free cutting Brass (IS:319)
Spring	S.S.
Packing Nut	Free cutting Brass (IS:319)
Back-up Ring	Nylon
O-Ring	EPDM

Product Features:-

- ❖ Confirms to IS 3745:2006
- ❖ Chrome Plated.
- ❖ Extruded/ Forged Brass Body.
- ❖ O-Ring seal technology assures no leakage



Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Coating
Oxygen	8819501-007	JMV5007	Double Spindle	175	Chrome

Note: - 1. Inlet Thread Size: 3/4"-16 UNF Parallel

2. Outlet - Pin Type



Material of Construction

Description	Material
Valve Body Forged/Extruded	H.T. Brass
Bottom Spindle	Brass/S.S
Top Spindle	Brass/S.S
Packing	Nylon
Washer	Nylon
Knob	Nylon
Nut	Free cutting Brass (IS:319)
Spring	S.S
Packing Nut	Free cutting Brass (IS:319)
Back-up Ring	Nylon
O-Ring	EPDM

Product Features:-

- ❖ Confirms to IS 3745:2006
- ❖ Chrome Plated.
- ❖ Extruded/ Forged Brass Body.
- ❖ O-Ring Seal Technology assures no leakage

Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Coating
Carbon Dioxide	8819501-008	JMVS008	Double Spindle	175	Chrome

Note: - 1. Inlet Thread Size: 0.715"-14 Full form & 3/4"-16 UNF Parallel

2. Outlet - Pin Type



Material of Construction

Description	Material
Valve Body Forged/Extruded	H.T. Brass
Bottom Spindle	Brass/S.S
Top Spindle	Brass/S.S
Packing	Nylon
Washer	Nylon
Knob	Nylon
Nut	Free cutting Brass (IS:319)
Spring	S.S
Packing Nut	Free cutting Brass (IS:319)
Back-up Ring	Nylon
O-Ring	EPDM

Product Features:-

- ❖ Confirms to IS 3745:2006
- ❖ Chrome Plated.
- ❖ Extruded/ Forged Brass Body.
- ❖ O-Ring Seal Technology assures no leakage



Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Coating
Air	8819501-009	JMVS009	Double Spindle	175	Chrome

Note: - 1. Inlet Thread Size: 0.715"-14 Full form
2. Outlet - Pin Type



Material of Construction

Description	Material
Valve Body Forged/Extruded	H.T. Brass
Bottom Spindle	Brass/S.S
Top Spindle	Brass/S.S
Packing	Nylon
Washer	Nylon
Knob	Nylon
Nut	Free cutting Brass (IS:319)
Spring	S.S
Packing Nut	Free cutting Brass (IS:319)
Back-up Ring	Nylon
O-Ring	EPDM

Product Features:-

- ❖ Confirms to IS 3745:2006
- ❖ Chrome Plated.
- ❖ Extruded/ Forged Brass Body.
- ❖ O-Ring Seal Technology assures no leakage

Gas	Item Code	Model No.	Type	Working Pr. (Kgf/cm ²)	Coating
Nitrogen	8819501-010	JMVS010	Double Spindle	175	Chrome

Note: - 1. Inlet Thread Size: 3/4"-16 UNF Parallel
2. Outlet - Pin Type



Material of Construction

Description	Material
Valve Body Forged/Extruded	H.T. Brass
Bottom Spindle	Brass/S.S
Top Spindle	Brass/S.S
Packing	Nylon
Washer	Nylon
Knob	Nylon
Nut	Free cutting Brass (IS:319)
Spring	S.S
Packing Nut	Free cutting Brass (IS:319)
Back-up Ring	Nylon
O-Ring	EPDM

Product Features:-

- ❖ Confirms to IS 3745:2006
- ❖ Chrome Plated.
- ❖ Extruded/ Forged Brass Body.
- ❖ O-Ring Seal Technology assures no leakage



Gas	Item Code	Model No.	Type	Working Pr. (Kg/cm ²)	Coating
Nitrous Oxide	8819501-011	JMVS011	Double Spindle	175	Chrome

Note: - 1. Inlet Thread Size: 3/4"-16 UNF Parallel
2. Outlet - Pin Type



Material of Construction

Description	Material
Valve Body Forged/Extruded	H.T. Brass
Bottom Spindle	Brass/S.S
Top Spindle	Brass/S.S
Packing	Nylon
Washer	Nylon
Knob	Nylon
Nut	Free cutting Brass (IS:319)
Spring	S.S
Packing Nut	Free cutting Brass (IS:319)
Back-up Ring	Nylon
O-Ring	EPDM

Product Features:-

- ❖ Confirms to IS 3745:2006
- ❖ Chrome Plated.
- ❖ Extruded/ Forged Brass Body.
- ❖ O-Ring Seal Technology assures no leakage

Gas	Item Code	Model No.	Type	Working Pr. (Kgf/cm ²)	Coating
Ethylene	8819501-012	JMVS012	Double Spindle	175	Chrome

Note: - 1. Inlet Thread Size: 3/4"-16 UNF Parallel
2. Outlet - Pin Type



Material of Construction

Description	Material
Valve Body Forged/Extruded	H.T. Brass
Bottom Spindle	Brass/S.S
Top Spindle	Brass/S.S
Packing	Nylon
Washer	Nylon
Knob	Nylon
Nut	Free cutting Brass (IS:319)
Spring	S.S
Packing Nut	Free cutting Brass (IS:319)
Back-up Ring	Nylon
O-Ring	EPDM

Product Features:-

- ❖ Confirms to IS 3745:2006
- ❖ Chrome Plated.
- ❖ Extruded/ Forged Brass Body.
- ❖ O-Ring Seal Technology assures no leakage



Notes





ELECTRIC WELDING



INVERTER MIG -250 **INVERTER MIG -400** **INVERTER MIG -600**

- Portable, Compact and Light welding.
- Excellent Arc Characteristics on both solid and Flux Cored wires.
- Delivers Smooth and stable arc even at Lower Current
- Save Electricity Cost.
- Unique integrated Adjustment control offer automatic Control in.
- Welding current when arc voltage is Changed due to hand movement
- Very low spatters due to inverter based power source.
- Fresh Arc Start, Smooth and optimum bead Shape.
- 100% indigenous & service Possible up to component level in Printed circuit Boards.
- Capable of welding all types of metal like SS, MS & Al etc.
- An excellent machine for Mig Brazing application also.
- Digital Amps and Volts Meter For accurate and Precise Setting.

WIRE FEEDER

- LOW inertia and high Torque Printed Circuit Motor allows very Smooth wire feeding
- Dynamic braking is controlled through Transistor switching ensures the longer life of motor with min overrun of wire.
- Very Light Weight Wire Feeder weight only 9 Kgs.
- Aluminum cast Feed roll block with single pressure touch system for various dia of wires.
- Remote Control mounted on the wire feeder eliminates the use of remote control cable thus increased reliability and min. chance of breakdown.



Technical specification

Model	MIG - 250	MIG - 400	MIG - 600
Mains Voltage	415+ 10%, 50Hz, 3P	415+ 10%, 50Hz, 3P	415+ 10%, 50Hz, 3P
Input power	7.0 KVA	10.0 KVA	15.0 KVA
Input Current (Max)	12 A	17 A	25A
Open Current Voltage	10.0 V	12-44 V	12-55 V
Consumption at 60% (max)			
Welding current range	50-250 A	50-400A	50-600A
Welding Current at 60% duty cycle	250 A	400A	600A
100% duty cycle	195 A	310 A	465 A
Insulation class	'H'	'H'	'H'
Cooling	Fan	Fan	Fan
Dimension (LxWxH)	475x310x425	525x310x475	600x350x500
Wire Feeder	250	400	600
Type of Motor	36 V DC	36 V DC	36 V DC
Wire Feed Mechanism Type	Printed Armature Pancake Type	Printed Armature Pancake Type	Printed Armature Pancake Type
Drive System	2 Roll Quick Release Pulse Width Control DC Drive	2 Roll Quick Release Pulse Width Control DC Drive	2 Roll Quick Release Pulse Width Control DC Drive
Wire Size (dia)	0.8-12mm	0.8-1.6mm	0.8-2.0mm
Weight	9Kg.	9Kg.	9Kg.
Torch			
Rated Current	250 A	400 A	600 A
Cooling	GC	GC	GC
Cable Length	3Mtr.	3Mtr.	3Mtr.

INVERTER TIG WELDING



MODEL	GE 200	GE 300	GE 400	GE 600
INPUT				
Input Supply	195 V - 265 V	365 V - 465 V	365 V - 465 V	365 V - 465 V
Phase/Freq	1/50 - 60 Hz	3/50 - 60 Hz	3/50 - 60 Hz	3/50 - 60 Hz
Input KVA @ 60%	4.8 KVA	6.4 KVA	10.4 KVA	15.3 KVA
@ 100%	3.7 KVA	5.3 KVA	7.9 KVA	13.6 KVA
OUTPUT				
OCV - DC	75 - 85 V	75 - 85 V	75 - 85 V	75 - 85 V
Current Range Amps	5 - 200 A	5 - 300 A	5 - 400 A	10 - 600 A
Current @ 60%	200 A	300 A	400 A	600 A
@ 100%	155 A	231 A	308 A	600 A
Dynamic Arc Force	0 - 100%	0 - 100%	0 - 100%	0 - 100%
Pulse Frequency	1 - 10 Hz	1 - 10 Hz	1 - 10 Hz	1 - 10 Hz
OTHERS				
Class of Protection	IP 23	IP 23	IP-22	IP-23
Class of insulation	H	H	H	H
Cooling	Forced Air	Forced Air	Forced Air	Forced Air
Dimensions	90 x 381 x 304	260 x 680 x 360	340 x 700 x 500	420 x 540 x 720
W x L x H in mm				
Weight in Kgs.	5.5	20	35	60
Above Models are also available with built - in high frequency and solenoid valve Full fledged D.C TIG pulsing models are available with following additional specifications				
MODEL	GE 200 HF / PULSE	GE 300 HF / PULSE	GE 400 HF / PULSE	GE 600 HF / PULSE
Pre Flow	1 - 10 Sec	1 - 10 Sec	1 - 10 Sec	1 - 10 Sec
Post Flow	1 - 10 Sec	1 - 10 Sec	1 - 10 Sec	1 - 10 Sec
Up Slope	1 - 10 Sec	1 - 10 Sec	1 - 10 Sec	1 - 10 Sec
Down Slope	1 - 10 Sec	1 - 10 Sec	1 - 10 Sec	1 - 10 Sec
Pulse Time	10% - 100%	10% - 100%	10% - 100%	10% - 100%
Pulse Frequency	1 - 10 Hz	1 - 10 Hz	1 - 10 Hz	1 - 10 Hz



INVERTER ARC WELDING



MODEL	GE 200	GE 300	GE 400	GE 600
INPUT				
Input Supply	195 V - 265 V	365 V - 465 V	365 V - 465 V	365 V - 465 V
Phase/Freq	1/50 - 60 Hz	3/50 - 60 Hz	3/50 - 60 Hz	3/50 - 60 Hz
Input KVA@ 60%	4.8 KVA	6.4 KVA	10.4 KVA	15.3 KVA
@ 100%	3.7 KVA	5.3 KVA	7.9 KVA	13.6 KVA
OUTPUT				
OCV - DC	75 - 85 V	75 - 85 V	75 - 85 V	75 - 85 V
Current Range Amps	5 - 200 A	5 - 300 A	5 - 400 A	10 - 600 A
Current @ 60%	200 A	300 A	400 A	600 A
@ 100%	155 A	231 A	308 A	480 A
Dynamic Arc Force	0 - 100%	0 - 100%	0 - 100%	0 - 100%
Pulse Frequency	1 - 10 Hz	1 - 10 Hz	1 - 10 Hz	1 - 10 Hz
OTHERS				
Class of Protection	IP 23	IP 23	IP-22	IP-23
Class of insulation	H	H	H	H
Cooling	Forced Air	Forced Air	Forced Air	Forced Air
Dimensions	90 x 381 x 304	260 x 680 x 360	340 x 700 x 500	420 x 540 x 720
W x L x H in mm				
Weight in Kgs.	5.5	20	35	60

MIG/MAG WELDING MACHINE

TECHNICAL SPECIFICATIONS:

POWER SOURCE	MODEL	264	462
Static Characteristics			
Input Supply			
Voltage	V	415	415
Phase	Nos	3	3
Frequency	HZ	50	50
Rating 100% Duty Cycle	KVA	10	20
Max. Input Current at Rated			
Output With 415V Supply	Amps	14	28
Open Circuit Voltage	V	16-42	18 - 54
Maximum Welding Current	Amps	250	400
Maximum Welding Current/ Load @ 100% Duty Cycle	Amps/Volts	250	400
Type of Cooling		Forced Air Cooling	
Class of Insulation		Class F	Class F

WIRE FEEDER	MODEL	264	462
Wire Diameter			
Mild Steel	mm	0.8 - 1.2	0.8 - 1.2
Stainless Steel	mm	0.8 - 1.2	1.2
Aluminium	mm	1.2 - 1.6	1.6
Wire Drive Motor			
Type		Permanent Magnet DC Motor	
Drive System			
Type		2 - Roll Quick Release	
Wire Feed Speed			
M/Min		0 to 20	0 to 20

TORCH (Benzel make)	MODEL	MTG-250	MTG-400
Rated Current at 100% Duty Cycle Co.			
Amps		250	400
Cable House Length			
Mtr.		3	3
Cooling			
Type		Gas	Gas/Water

Power Source	L	W	H
MIG/MAG 462	720mm	460mm	610mm
MIG/MAG 262	560mm	460mm	610mm
Wire Feeder Unit	600mm	290mm	400mm

Optional Accessories
 * Co. Regulator cum Flow Meter
 * Remote with gas
 * Pair of Hand Switch
 * Wire Brush
 * Apron & Tongs



WELDING POSITIONER (ROTARY TYPE)

The Positioner of Model GT, M.S fabrication with taper rolling bearings, this construction has loading capacity from 30 Kg up to 500 Kg. The standard equipments can be provided with special accessories like foot or hand control for rotating function, clamping devices, centering devices, 3 jaw chucks and other special drives.

Note:-AC or DC drive can provided on request
 Dimension:- RPM:-As per your requirement. Max.
 Loading Capacity:-30 Kg.
 Height: 230 mm. Length: 670mm.
 Width: 375mm Table diameter : 300mm.
 RPM : 0.5-20. Angular Movement : 30°



**RI 21**

ARC WELDING SETS (Single Holder)

SPECIFICATIONS:

Maximum Welding Current				
100% Duty Cycle	70/250	70/400	70/500	70/600
Primary Voltage	380/415	380/415	380/415	380/415
Open circuit Voltage	65	65	70	70
Rating @ 100% Duty Cycle	250	400	500	600 Amps.
K.V.A	16	22	29	44
Insulation	H	H	H	H
Cooling	Natural Air.... Forced Air Cooling....			



ENERGY EFFICIENT



ARC WELDING SETS (Double Holder)

SPECIFICATIONS:

Maximum Welding Current			
100% Duty cycle	70/300	70/400	70/600
Primary Voltage	380/415	380/415	380/415
Open Circuit voltage	75	75	80
Rating @ 100% Duty Cycle	300	400	600
K.V.A.	20	28	40
Insulation	H	H	H
Cooling	Natural Air..... Forced Air Cooling		

RI 22

PROJECTION WELDING MACHINE (AUTOMATIC, PNEUMATIC & MANUAL)

DESIGN:

The Spot cum Projection Welding passes a high current at low Voltage through the electrodes to the welding area. As the machine cycles, exert pressure on the metal, a joint is formed and coalescence occurs. All the parameters are precisely controlled: Pressure by the air regulator. Time by electronic circuit and Current by transformer taps to ensure a perfect welding joint.

SALIENT FEATURES:

- Six models between 30 KVA to 200 KVA.
- All operational controls- Air, Water and Electronics are machine mounted for easy access, Safe and Simple maintenance.
- Sturdy ram assembly permits high speed operation.
- Weld sequence controller, sophisticated timer with squeeze, weld, hold and off timings with single/ repeat cycle facility, weld timing being controlled by thyristorized circuit heat controllable from 5% to 95%.

Technical Specifications (PROJECTION WELDING MACHINE)							
Nominal Primary Current	I	70	120	180	240	360	480
Nominal Main Frequency	Hz	50	50	50	50	50	50
Standard Stroke	mm	75	75	75	100	100	100
Minimum - Maximum Force	Kgf	160-480	160-480	360-1080	360-1080	360-1080	640-1920
Air Supply Maximum Pressure	Kg/cm ²	5.5	5.5	5.5	5.5	5.5	5.5
Water Supply Maximum base Pressure	Kg/cm ²	2.5	2.5	2.5	3.5	3.5	3.5



AC TIG WELDING MACHINE

AC TIG welding machine, current rating : 200-600 Amps. 100 Volt AC, current adjustable Step less control with HF unit DC suppressor water and with all standard accessories, Application: Aluminum welding, Copper welding, Brass welding and other non-ferrous metals.



SPOT WELDING MACHINE PNEUMATIC

5 K.V.A. to 35 K.V.A.

Note: S.C.R.can be provided on request.



SPOT WELDING MACHINE MANNUAL

5 K.V.A. to 30 K.V.A.

Note: S.C.R.can be provided on request.





METAL GATHERING MACHINE

KVA range:15-150 KVA.

Application Engine valves, half shaft for motor vehicles, torsion, spring rod, spline shaft ends for half shaft, gear shift lever, high tensile bolts and special fasteners,

Max. bar length : 800mm

Note: Hydraulic and pneumatic control.

SEAM WELDING MACHINE

Silver bearing for electrode heads DC drive for lower wheel stroke adjustable welding cylinder. Easy to use digital programme logic control, fifteen memories.



Technical Specifications (SEAM WELDING MACHINE)

Nominal Capacity	KVA	30	50	75	100	150	200
Nominal Primary Voltage 2 Phase	V	415	415	415	415	415	415
Nominal Main Frequency	Hz	50	50	50	50	50	50
Standard Stroke	mm	75	75	75	100	100	100
Minimum - Maximum Force	Kgf	160-480	160-480	360-1080	360-1080	360-1080	640-1920
Air Supply Maximum Pressure	Kg/cm ²	5.5	5.5	5.5	5.5	5.5	5.5
Water Supply Maximum base Pressure	Kg/cm ²	2.5	2.5	2.5	3.5	3.5	3.5



SCAFFOLDING WELDING FIXTURE

- Cup Lock Welding
- Ledger Welding
- Prop Welding
- Base Jack Welding





OUR PRODUCT RANGE:

- 1) BUTT WELDING MACHINE
- 2) SEAM WELDING MACHINE
- 3) METAL GATHERING MACHINE
- 4) U- BOLT RESISTANCE HEATING MACHINE
- 5) TIG WELDING MACHINE
- 6) SPOT WELDING MACHINE
- 7) PROJECTION WELDING MACHINE

- 8) S.P.M. WELDING MACHINE
ACCORDING TO JOB REQUIREMENT
- 9) AUTOMATIC WELDING FIXTURE
- 10) WELDING POSITIONER etc.
- 11) SUBMERGED ARC WELDING MACHINE

BUTT WELDING MACHINE

1 KVA TO 75 KVA

415 Volts, 2 Phase, Manual & Pneumatic
Frequency 50Hz. Suitable for Harden Steel
and M.S Butt Welding.



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WELDING SETS (Single Holder)

SPECIFICATIONS:

Maximum Welding Current						
100%Duty Cycle	70/150	70/200	70/250	70/300	70/400	70/450
Primary Voltage	380/415	380/415	380/415	380/415	380/415	380/415
Rating @ 100% Duty Cycle	150	200	250	300	400	450 Amps.
Insulation	H	H	H	H	H	H
Cooling	Natural Air.... Forced Air Cooling....					



RI 10



Cutting Nozzles

Item Code:3012729-014-017

Nozzle Type-L	
Sl.No.	Nozzle Size
01	L-8(0.8mm) 1/32"
02	L-12(1.2mm) 3/64"
03	L-16(1.6mm) 1/16"
04	L-20(2.0mm) 5/64"
05	L-24(2.4mm) 3/32"
06	L-28(2.8mm) 7/64"
07	L-32(3.2mm) 1/8"

Model No.
ANMN-3
ACN-1



Acetylene Nozzle for NM 250/NM 400		
Sl.No.	Nozzle Size	
01	1/32"	0.8 mm
02	3/64"	1.2 mm
03	1/16"	1.6 mm
04	5/64"	2.0 mm
05	3/32"	2.4 mm
06	1/8"	3.2 mm

Nozzle Type-A	
Sl.No.	Nozzle Size
01	A-8(0.8mm) 1/32"
02	A-12(1.2mm) 3/64"
03	A-16(1.6mm) 1/16"
04	A-20(2.0mm) 5/64"
05	A-24(2.4mm) 3/32"
06	A-28(2.8mm) 7/64"
07	A-32(3.2mm) 1/8"



LPG Nozzle for NM 250/NM 400		
Sl.No.	Nozzle Size	
01	1/32"	0.8 mm
02	3/64"	1.2 mm
03	1/16"	1.6 mm
04	5/64"	2.0 mm
05	3/32"	2.4 mm
06	1/8"	3.2 mm



Accessories

Welding & Cutting Hose

Item Code: 3012729-019

Available in single Layer & Double Layer (ISI MARK)

- ❖ Highly Flexible
- ❖ Excellent electric Resistant
- ❖ Light in weight
- ❖ High Abrasion Resistant
- ❖ PROPANE/BUTANE (ORANGE)
- ❖ OXYGEN (BLUE)
- ❖ ACETYLENE (RED)
- ❖ ARGON (BLACK)



According to standards the rubber hoses do not expire.
It's reasonable to replace them periodically according to their wear and the common sense.

Cylinder Trolley

Item Code: 8538590-007

Features:-

- ❖ Smooth Functioning & Easy Transportation of Gas Cylinders
- ❖ Wheels are made up of High Strength Polymer Material
- ❖ Long Life



Flash Back Arrestor for Oxygen /Acetylene (Regulator)**Item Code: 8978016-024**

- ❖ Brass Body
- ❖ Thread Size Inlet 3/8"-19 BSP
- ❖ Thread Size Outlet 3/8"A-19 BSP

**Flash Back Arrestor for Oxygen /Acetylene (Torch)****Item Code: 3012729-036**

- ❖ Brass Body
- ❖ Thread Size Inlet 3/8"A-19 BSP
- ❖ Thread Size Outlet 3/8"-19 BSP

**Cylinder Key****Item Code: 3012729-036**

- ❖ Made up of High Grade Iron Alloy
- ❖ Available for Oxygen, Carbon dioxide Cylinders



121

122

123

Spindle (Std.Size & O/S)**Item Code: 8538590-008-013**

- ❖ Made up of SS-304
- ❖ Readily available for Oxygen, Carbon dioxide Gas Cylinders valve (Key Type/ Wheel Type)

Note:-Spindle of other Gases can be made on request.





Welding Helmet

Item Code:30127729-037



Key Features:-

- ❖ Full Face Protection – Offering protection to the face, chin, throat & head area, providing complete facial coverage from sparks, heat and radiation
- ❖ Flat Top Brow – This allows for easy put downs, and will help to reduce scratching of the outer lens

GOOGLES



VISUAL ROUND combines comfort with practicality. The 50mm round lenses are replaceable items.

Hose Pipe Clip



Electrode Holder

Item Code:3012729-038

Key Features:-

- ❖ Reliability
- ❖ Fine Quality
- ❖ Cost effective
- ❖ Made of brass/copper body for high conductivity
- ❖ Works continuously on 1000 amps



Electrode holder for all welding applications, available for high current values. High impact resistance and very easy to use.

**EXCELLENT VALUE
FOR MONEY**
M.S Metal



Holder



GLOVES

MUJ-SOLO is one of the best glove when it comes to protection and comfort at work. No other glove offers such a combination of softness (by grain leather), durability (by the special type of leather) and the additional „heat protection“ offered by the innovative insert.

Cable

Hofr(HEAT ,OIL,AND FIRE RESISTANCE) Cable (ISI MARK)



Size

Qt.

10 mm² 100 m

16 mm² 100 m

25 mm² 100 m

35 mm² 50 m

50 mm² 50 m

70 mm² 50 m

95 mm² 50 m

120 mm² 50 m

Earth clamp



Earth clamps designed for professional & general use with welding machines Cable fixing directly at the point of contact.

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TIP CLEANER



LIGHTER



STEELWIRE BRUSH

CADDYPAK

- TORCH HANDLE
- CUTTING ATTACHMENT
- OXYGEN REGULATOR
- MIXER
- 3 WELDING NOZZLES
- 1 CUTTING NOZZLE
- TWIN HOSE: 15FT x $\frac{1}{4}$ " C/W FITTINGS
- GOGGLES
- SPARK LIGHTER
- ACETYLENE REGULATOR





Notes





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