

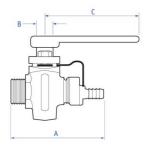
1832 Bronze Gland Cock



Bronze gland cock Male x Hose Union 10 Bar 120 deg C, ISO 228 (BS 2779), parallel thread (PT).

GENERAL INFORMATION

	Size	Pattern No.	Pack 1 Qty	Code	Barcode
	1/2	1832	5	130007	5013866014383
0	3/4	1832	4	130008	5013866014390
	1	1832	2	130009	5013866014406

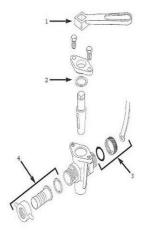


DIMENSIONS (mm)							
Code	Description	A	В	С	Kg		
130007	1/2 1832 GM HU GLAND COCK	93	10	86	0.44		
130008	3/4 1832 GM HU GLAND COCK	117	14	95	0.76		
130009	1 1832 GM HU GLAND COCK	145	16	121	1.32		

PRESSURE & TEMPERATURE

1832 Bronze Gland Cock	Minimum Operating Pressure (bar)		Maximum Hot Working Pressure (bar)
1/2 1832 GM HU GLAND COCK	No Minimum Operating Pressure	10.0 bar at temperatures up to 120oC	Not Suitable for Maximum Hot Working Pressure

Number	Component	Material
1	Body	Gunmetal
2	Plug	Gunmetal
3	Gland	Brass Bar (1/2" and 3/4") Forged Brass (1")
4	Bolt	Brass Bar
5	Gland Packing	PIFE
6	Lever	Cast Iron
7	Pipe	Brass Bar
8	Boss	Brass Bar (1/2") Forged Brass (3/4" and 1")
9	Cap	Brass Bar
10	O Ring	WRc Approved Rubber
11	O Ring or Washer	O Ring - WRc Approved Rubber (1/2") Washer - Akulon (3/4" and 1")
12	Strap	Nylon 6



Pattern / Size	Description	Code	Barcode	Date From	Date To		
1832 / 1/2	L2 LEVER	850052	5013866059377	01/01/1900	current		
1832 / 3/4	L3.1/2 LEVER	850054	5013866059391	01/01/1900	current		
1832 / 1	L4.1/2 LEVER	850056	5013866059407	01/01/1900	current		

2					
Pattern / Size	Description	Code	Barcode	Date From	Date To
1832 / 1/2	PD2 PACKING DISC	850027	5013866059315	01/01/1900	current
1832 / 3/4	PD3 PACKING DISC	850376	5013866060342	01/01/1900	current
1832 / 1	PD4 PACKING DISC	850377	5013866060359	01/01/1900	current

3					
Pattern / Size	Description	Code	Barcode	Date From	Date To
1832 / 1/2	CS1 CAP AND STRAP	855100	5013866065149	01/01/1900	current
1832 / 3/4	CS2 CAP AND STRAP	855101	5013866065156	01/01/1900	current
1832 / 1	CS3 CAP AND STRAP	851500	5013866063947	01/01/1900	current

4						
Pattern / Size	Description	Code	Barcode	Date From	Date To	
1832 / 1/2	HU4 HOSE UNION	817006	5013866058394	01/01/1900	current	
1832 / 3/4	HU9 HOSE UNION	850495	5013866061103	01/01/1900	current	
1832 / 1	HU10 HOSE UNION	850496	5013866061110	01/01/1900	current	

No regular aesthetic care is required for this product

Maintenance

A regular maintenance program is the most efficient method of ensuring longer term operational efficiency of the selected valve. Such a program would need to include a risk assessment and a planned procedure of how the maintenance will be carried out. The possibility of operational limits being exceeded and the potential hazards ensuring must be considered as part of this assessment. This should be implemented to include visual checks on the valve's condition and any development of unforeseen conditions, which could lead to failure. The correct fitting tools and equipment should be used for valve maintenance work. Separate means of draining the pipe work must be provided when carrying out any maintenance to valves. Where there may be any system debris this could be collected and /or filtered by installation of the appropriate protective device.

For further help please contact your local engineer.

If your product is under warranty please contact the Service Support Team on: 0800 1560050

THE PRESSURE EQUIPMENT DIRECTIVE 97/23/EC and CE MARKING

The Pressure Equipment Regulations 1999 (SI 1999/2001) have now been introduced into United Kingdom law.

Valves with a maximum allowable pressure greater than 0.5 bar are covered by these new Regulations. Valves are categorised according to their maximum working pressure, size and rising level of hazard. The level of hazard varies according to the fluid being carried. Fluids are classified as Group 1, dangerous fluids or Group 2, all other fluids including steam. The Categories designated are SEP (sound engineering practice). Valves up to and including 25mm (1") are designated SEP regardless of the fluid group. Those identified as having increased hazard are Categorised as, I, II, III or IV. All valves designated as SEP do not bear the CE mark nor require a Declaration of Conformity. Categories I, II, III or IV carry the CE mark and require a Declaration of Conformity. Valves classified from the piping chart would not be included in Category IV.

Valves and Fittings

Pegler Yorkshire Customcare 5 Year Guarantee - Terms and Conditions

Products are subject to a 5 year guarantee that is between Pegler Yorkshire and the final purchaser of the

The guarantee is subject to proof of purchase being supplied.

This guarantee does not affect any statutory rights the consumer may have in law.

The guarantee covers manufacturing or material defects and does not cover parts subject to normal wear and

This product range has been designed for the use of homeowners, domestic and commercial applications and therefore the guarantee is subject to the product being properly selected for their intended service conditions.

The guarantee is not applicable where the product is fitted contrary to the conditions in the fitting instructions.

This is reinforced where valves are covered by the European Pressure Equipment Directive (PED97/23/EC) where Installation, Operating and Maintenance Instructions are supplied with each product and/or carton.

Provided it is installed correctly and receives adequate preventative maintenance it should give years of trouble –

Abusive behaviour and accidental damage to the product are not covered by this guarantee.

The extent of this liability is limited to the cost of the replacement of the defective item and not to fitting or consequential damages.

97/23/EC & CE MARKING

ootentially explosive atmospheres. This has been implemented in Concerning equipment and protection systems intended for use in CE MARKING & THE ATEX Directive 94/9/EC

potentially explosive atmosphere created by: valve: a) has its own potential source of ignition. b) operates in a SI2001/3766). The regulations apply to all valves where each Protective Systems (amendment) Regulations 2001 1996(31 1996/192) and amended by The Equipment and Intended for Use in Potentially Explosive Atmosphere Regulations Inited Kingdom law by the Equipment and Protective Systems

ii) the presence of gases, vapours, mists released from the valve through leakage. the presence of air/dust mixtures external to the valve.

of ignition, which operates in a dust free environment and the fluid The regulations will not apply to a valve without a potential source equisite level of protection for valves not exempt from

preventative maintenance it should give years of trouble-free being transported is cold, inert gas or non-flammable liquid. The the fluids that they are intended to carry. Interactions between service. They must be compatible with the system design conditions. Provided it is installed correctly and receives adequate regulations is defined as Group II category 2 and shall bear Valves must be properly selected for their intended service iollowing markings: ⟨Ex⟩ II 2 GD X oressure and temperature requirements and must be suitable to VALVE SELECTION Selection, Storage & Protection

Where desiccant bags are included with the valve these should be ³egler valves are supplied in cardboard cartons or are bagged as

appropriate and so adequate protection from damage is provided assemblies, suitable protective devices may be required. When Pegler valves are fitted with pressure equipment PRESSURE/TEMPERATURE RATING

and temperature does not exceed the stated rating of the valve. standards is for non-shock conditions. Water hammer and impact The maximum allowable pressure in valves as specified in the Valves must be installed in a piping system whose normal pressure

pressure for the body" to a maximum of 1.5 times the PN rating and working pressure rating, this should be within the "shell test conducted with the valve fully opened. If system testing will subject the valve to pressures in excess of the should also be avoided.

he correct application. pressure and temperature limitations and also when not used for t may be hazardous to use these valves outside of their specified

To ensure ease of operation, adjustment, maintenance and repair LOCATION/END-OF-LINE SERVICE

valve siting should be decided during the system design phase. To they must be adequately supported.

The 1072, 1070/125, 1065 and 1068 Gate valves are suitable for prevent imposing strain on the valve seat, pipe work and valves

Globe, Check, Flanged and Lever Gate valves are not suitable for blanking plug to the downstream end of the valve. Pegler Bali end of line service but we strongly recommend the fitting of a end-of-line service.

Before starting work on any installation a risk assessment must be INSTALLATION Health & Safety

to which the valve is being installed or maintained. appropriate to the hazard presented by the nature of the process exceeded and reduction or elimination of any potential hazards. Protective clothing and safety equipment must be utilised as nade to consider the possibility of operational limits being

pumps (when fitted) must be turned off. The pipeline must be depressurised, drained and vented. Valves must be fully opened to ensure release of any pipeline or valve pressure. Fitters must be trained in manual and mechanical handling to . Before installing or removing a valve the pipeline circulating

on the valve nameplate, body or data plate. These must not be The valve selected must be suitable for the required service enable them to safely lift and install Pegler valves. conditions. The pressure and temperature limitations are indicated

metals in the pipe system and the valve must be considered as /aives snould be stored off the ground in a clean, dry, indoor area system debris. Protective devices may need to be fitted and Valve seats, seals and internal components can be damaged by

system flushing may be required.

wheels, levers or stems. . Pegler valves must not be misused by lifting them by their hand

erosive service, or for carrying fluids containing abrasive solids. conditions, fire testing, fire hazard environment, corrosive or fluids and must not be used where this could occur. Designs for this valve do not allow for decomposition of unstable There is no allowance for corrosion in the design of these valves. Pegler valves are not designed to withstand the effects of fire, Pegler valves are not suitable for fatigue loading, creep

and maintaining valves. 10. All Health and Safety Rules must be followed when installing wind, earthquakes and traffic.

valve has been selected for installation. Unpack the valve and check that the flow paths and valve threads Check the body markings and nameplate to ensure that the correc

Make sure that a gate valve is fully closed during installation. on the body. The valve will function correctly providing it is fitted so and upright". Globe valves are marked with a directional flow arrow with stem horizontal" or "Horizontal pipe work with stem vertical that the fluid transported follows the indicated flow direction. Gate valves and Globe valves may be fixed in "Vertical pipe work

correctly installed. operated from fully open to fully closed to test that it has been Fitting a gate valve in the open position may cause twisting and the gate and seating may not mate properly. The valve should be

following should be avoided: *Careless handling of the valve standards and, therefore, should not be subjected to misuse. The of system debris. Pegler Valves are manufactured to exacting 'Dirt and debris entering the valve through the end ports horizontal because full closure may be impeded by an accumulation The valve should not be installed in horizontal pipe work with stem Valves should not be lifted using the hand wheel, lever or the stem) To close the valve a clockwise rotation of the hand wheel will close

pipe upstream and 3 diameters downstream are suitable flow arrow on the body. The valve will function correctly providing i Horizontal and Vertical pattern check valves may be fitted in Ball valves may be fixed in any orientation, always leaving horizontal pipe work with the cap upper most and vertically with the enough space for the 90° operation of the lever handle velocities of 3 metres per second. If the valve is situated such that direction. Check valves having 6 diameters of straight length of low in an upwards direction. The valve is marked with a directional Excessive force during assembly and hand wheel operation. titted so that the fluid transported follows the indicated flow the valve. Closure will be confirmed when the handle can be turned

Any flushing fluid used to clean the pipeline must not cause any compound can lead to valve failure on the body ends. Threads should be engaged correctly when tightening the valve onto the explosion proof and comply with the ATEX Directive and Standards be forced outwards and will not enter the valve. Over use of the valve in order to remove stresses transmitted by the pipe Any electrical component e.g. actuators, limit switches must valves and seats by the use of hand wheels or levers larger than to the joint being made. Severe damage can occur to stems pipe only and not in the valve threads. Surplus compound will then damage. Care should be taken to apply jointing compound to the penetration of the pipe into the valve that would otherwise cause close to reciprocating pumps, then the velocity should not exceed non uniform or pulsating flow enters the valve, e.g. the valve is pipe. The wrench should always be fitted on the body end adjacent Confirm that the pipe threading length is correct to avoid excessive hose originally supplied by the manufacturer, and by wheel keys ? metres per second. Use suitable hangers close to both ends c

as listed in BS EN 1127-1 clause 6.4.5.

valve. When it will go no further return the hand wheel clockwise be turned no turther. will close the valve. Closure will be confirmed when the handle car To open - an anti-clockwise rotation of the hand wheel will open the 1/2 turn. To close the valve a clockwise rotation of the hand wheel Gate Valves

cause the wedge to become tight in the valve. The valve may be become stiff to operate in these circumstances. Suitable hand egulating and throttling service. open or fully closed position. Gate valves are not suitable protection should be worn when operating valves used in extreme Caution: Service applications with extremes of temperature may emperature applications. The valve should only be used in the fully

valve. When it will go no further return the hand wheel clockwise To open - an anti-clockwise rotation of the hand wheel will open the

valves used in extreme temperature applications. Globe valves are Caution: Suitable hand protection should be worn when operating

suitable for regulating and throttling service.

Check Valves

operation. the flow within the pipeline and there is no external method c The Horizontal/vertical pattern check valves operate according to

so that it is across the line of the pipe in which it is installed. Full with the pipe work. To lock the valve in the open position a hexagor PB T Models have lockable handles for use in both open and opening and closing is completed when a full 90° is achieved and closed positions. In the fully open position the T handle is in line with the pipe run in which it is installed. To close - turn the lever 90°

pipe insulation is being used. This version is only available with lifts the lever away from the body and is particularly useful when ensuring the handle slot engages on to the body lug. Insert the then be rotated through 180° and refitted on to the valve spindle **PB EL** models are fitted with an extended spindle mechanism that screw. The T handle can then be lifted from the valve. This should key of the appropriate size can be used to remove the securing securing screw and re-tighten with the hexagon key.

standard lever handle.

open or fully closed position. Ball valves are not suitable temperature applications. The valve should only be used in the fully cause the ball to become tight in the valve. The valve may be Caution: Service applications with extremes of temperature may orotection should be worn when operating valves used in extreme become stiff to operate in these circumstances. Suitable hand

egulating or throttling applications. MAINTENANCE

this should be collected and/or tiltered by installation of the be used for valve maintenance work. Separate means of draining the pipe work must be provided when carrying out any appropriate protective device. maintenance to valves. Where there may be any system debris could lead to failure. The correct fitting tools and equipment should nazards ensuing must be considered as part of this assessment possibility of operational limits being exceeded and the potentia ensuring longer term operational efficiency of the selected valve condition and any development of unforeseen conditions, which This should be implemented to include visual checks on the valve's Such a program would need to include a risk assessment and a blanned procedure of how the maintenance will be carried out. The \ regular maintenance program is the most efficient method o

installation and then periodically thereafter to maintain a sterr giand seal. Gland Adjustment. - The gland may need adjustment during

necessary

gate and globe valves do not normally require any maintenance Gland Replacement - Under normal working conditions Pegle nspected at 3 monthly intervals to check for gland leakage. NOTE: It is recommended that within the 1st year the gland

however, in the event of maintenance being necessary, following procedure should be followed:

any

lechnical Department for further information available from Sales Office.

PB LEVER HANDLE To open - turn the lever 90° so that it is in line Before starting work, de-pressurise the system, turn off

tightness should be made, further adjust the gland nut as Tighten the gland nut and confirm stem resistance while the valve. Once line pressure is re-established a check Re-attach the handwheel, nameplate and nut. Re-assemble the gland ring and gland nut.

necessary to achieve a satisfactory seal. operating ck for leak required

NB. Permanent removal of the gland nut and /or Ball valves and Check valves are generally NOT suitable for Plate will invalidate the CE compliance of this valve. Pegler the Data.

commissioning the system as this would help extend the valve life

protective level defined as Group II catergory 2 will operate in Zone 1 (gases/vapours) or Zone 21 (dust) designated in BS1127-1 permitted in Zones 1 & 21. Tools causing showers of sparks are e.g. screwdriver, spanner, impact screwdriver or "shower of Explosion prevention and protection. Tools are either "single spark" be subject to a "permit to work" system. present. The use of tools on equipment in Zones 1 and present. b) dust deposits have been removed and no dust cloud is only permissible if: a) no hazarous explosive atmosphere is sparks" e.g. sawing or grinding. Only steel "single spark" According to valve type, gland packing and valve discs may be replaced. Valves within the scope of the ATEX Directive with a tools are

Before starting work de-pressurise the system, turn off any circulating pumps, and ensure the valve is empty of fluid. Using a suitable wrench remove the complete bonnet assembly from the valve. Care should be taken to ensure the pipework is held failure. Slacken and remove disc nut and disc. securely during this process so that there is no distortion to the valve threads. Any damage to the threads could lead 1029 Renewable Valve Disc Replacement. to valve

Re-assemble the bonnet in to the valve body, checking for damage. Ensure the valve bonnet is joined securely to body and will not leak. type as appropriate. Re-attach a replacement disc and disc nut. The valve disc can be replaced with an equivalent size disc and Assess damage to valve seat replacing the whole valve if export@pegler.co.uk

Installation, Operating & Maintenance Instructions are N.B. The 1029 Globe valves have non-metallic PTFE valve discs. egler recommended spares must be used. Ö Pegler

ring. Using a suitable tool, lift out the existing packing nut, nameplate and hand wheel. Remove the gland nut must be taken not to damage the valve stem. sure the stem and stuffing box are clean & free from debris. Care circulating pumps. Slacken the hand wheel nut and remove the and gland and make

and push down firmly. Fit a replacement Pegler packing gland into the stuffing box

considering the compatibility of the system design and the

When a valve is properly selected for its service conditions it should

PRODUCT LIFE SPAN

years of trouble-free service provided it is installed corrective receives adequate preventative maintenance. By

valves can be adversely affected and valve failure may occur. The pressure and temperature requirements the life expectancy of the

and the valve which need to be considered. Appropriate flushing and cleaning of the plpe work Installation should take place when There may also be interactions between metals in the pipe system the valve performance as this could lead to premature valve failure nature of the fluid being carried through the valve could also affect

Reference Material: Pegler Valves Package Brochure, Pegle

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QUALITY • RELIABILITY • INNOVATION

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Yorkshire DN4 8DF England www.pegler.co.uk

Head Office PRIOR NOTICE

Engineers Valves Installation, Operating & Maintenance Instructions Pressure Equipment Directive

PED 97/23/EC Compliant A Watertight Guarantee Of Quality

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PB 700

28500 RED

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Product

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Gas Gas Oxygen Product 1/4 3/8

PB700

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3/4 16.7

PB500 RED

Thread Depths (mm)

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11/2	
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26.0 21/2

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30.5

39.5

33.5

39.5

33.5 39.5

PB500 YELLOW

25*

25 Bar - 10°C to 100°C 25 Bar - 10°C to 100°C 40 Bar - 10°C to 110°C

16.5 Bar at 150°C 16.5 Bar at 150°C

S.E.P S.E.P **1/4**

S.E.P

S.E.P S.E.P **1/2**"

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S.E.P Cat 1

S.E.P Cat 1 S.E.P Cat 1 ı

S.E.P

6

25

40*

OPERATIONAL LIMITS

Non- Shock Pressure @ Temp. Range Non- Shock Pressure @ Max. Range

10 Bar at 180°C

PB 700

3/8∥

3/4" 1" 1.1/4" 1.1/2" S.E.P S.E.P Cat 1

PED Categorisation Table

PB500 RED

PB300 RED/BLUE

PB300 YELLOW

PB100

28 100 100

1070/125

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1072 1068 **6**5

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1832

Pressure limited to 10 bar for Air & Gas applications. ** Pressure limited to 5 bar for Air applications

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833GM, GMLS

1832 **6**4

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1062 1060A

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25 Bar - 10°C to 100°C 25 Bar - 10°C to 100°C 32 Bar - 10°C to 100°C 32 Bar - 10°C to 100°C 32 Bar - 10°C to 100°C

10.5 Bar at 186 10.5 Bar at 186°C

1062 1060/ 1039

14 Bar at 198°

14 Bar at 198°

5 Bar at 120° 5 Bar at 120°

14 Bar at 198°

1029 GM63 63

S.E.P

S.E.P

S.E.P

S.E.P

S.E.P

S.E.P

Cat 1

Cat 1 S.E.P

S.E.P

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S.E.P S.E.P

1063 1064

10.3

12.8 12.8 15.9 15.0

14.2

15.0 15.0

15.2 15.2

16.4 16.4

17.2 17.2

19.8 19.8

26.0 26.0

26.6 26.6

10 bar for Gas

833GM, GM 1832

5 5

20 Bar - 10°C to 100°C

13 Bar at 120°

Category 1 and Category 2 carry the CE mark

10 Bar at 120

1832

S.E.P

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1064 **1063**

10 Bar - 0°C to 120°C

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PB300 RED/BLUE PB500 YELLOW

PB300 YELLOW

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PB300 RED/BLUE

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1072

1068 1065

17.5

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25 Bar - 10°C to 100°C

16 Bar - 10°C to 30°C 16 Bar - 10°C to 30°C

5 Bar at 120°

Bar at 120°

PB 100

PB300 YELLOW

S.E.P

5 bar at 120°0

20

20 Bar - 10°C to 100°C

17.5 Bar - 0°C to 25°C

17.5 Bar at 93°

1070/125

21.4

25.7

8 16

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20 Bar - 10°C to 100°C 20 Bar - 10°C to 100°C 32 Bar - 10°C to 100°C

16 Bar - 10°C to 30°C

16 Bar - 10°C to 30°C

9 Bar at 180° 9 Bar at 180°

14 Bar at 198°

1072

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9 Bar at 180°

1070/125 P81M

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S.E.P SEP S.E.P S.E.P S.E.P S.E.P S.E.P S.E.P S.E.P S.E.P Cat 1 S.E.P S.E.P

Cat 2

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S.E.P S.E.P

S.E.P S.E.P

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