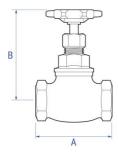


1031 Bronze Globe Valve



Bronze globe valve BS 5154 PN32 Series B, Metal Disk **GENERAL INFORMATION** Pattern No. key :Standard Thread = BS21 Taper, AT = American Thread, PT = Parallel Thread Size Pattern No. Pack 1 Qty Barcode 1/4 01/07/2003 01/07/2003 3/8 1/2 3/4 1 1/4 1 1/2 2 1/2 01/07/2003 01/07/2003 30/04/2003 1/4 1031 AT 01/07/2003 1031 AT 3/8 01/07/2003 1/2 1031 AT 08/07/2008 3/4 1031 AT 08/07/2008 1031 AT 08/07/2008 1 1/4 1031 AT 31/10/2004 1 1/2 1031 AT 21/07/2006 1031 AT 21/07/2006 1/4 1031 PT 01/07/2003 3/8 1031 PT 01/07/2003 1/2 1031 PT 21/07/2006 1031 PT 3/4 21/07/2006 1031 PT 21/07/2006 1 1/4 1031 PT 21/07/2006 1 1/2 1031 PT 21/07/2006 1031 PT 21/07/2006



DIMENSIONS	(mm)			
Code	Description	А	В	Kg
112005	1/4 1031 GM GLOBE VALVE	44	76	0.20
112006	3/8 1031 GM GLOBE VALVE	46	76	0.20
112007	1/2 1031 GM GLOBE VALVE	57	95	0.39
112008	3/4 1031 GM GLOBE VALVE	65	98	0.55
112009	1 1031 GM GLOBE VALVE	78	114	0.87
112010	1.1/4 1031 GM GLOBE VALVE	89	138	1.45
112011	1.1/2 1031 GM GLOBE VALVE	100	159	1.83
112012	2 1031 GM GLOBE VALVE	121	170	2.61
112013	2.1/2 1031 GM GLOBE VALVE	159	205	6.37
112014	3 1031 GM GLOBE VALVE	187	235	8.91
112015	4 1031 GM GLOBE VALVE	235	280	16.71
112025	1/4 1031 AT GM GLOBE VALVE	44	76	0.20
112026	3/8 1031 AT GM GLOBE VALVE	46	76	0.20
112027	1/2 1031 AT GM GLOBE VALVE	57	95	0.38
112028	3/4 1031 AT GM GLOBE VALVE	65	98	0.54
112029	1 1031 AT GM GLOBE VALVE	78	114	0.84
112030	1.1/4 1031 AT GM GLOBE VALVE	89	138	1.36
112031	1.1/2 1031 AT GM GLOBE VALVE	100	159	1.84
112032	2 1031 AT GM GLOBE VALVE	121	170	2.80
112045	1/4 1031 PT GM GLOBE VALVE	44	76	0.20
112046	3/8 1031 PT GM GLOBE VALVE	46	76	0.20
112047	1/2 1031 PT GM GLOBE VALVE	57	95	0.38
112048	3/4 1031 PT GM GLOBE VALVE	65	98	0.54
112049	1 1031 PT GM GLOBE VALVE	78	114	0.84
112050	1.1/4 1031 PT GM GLOBE VALVE	89	138	1.36
112051	1.1/2 1031 PT GM GLOBE VALVE	100	159	1.84
112052	2 1031 PT GM GLOBE VALVE	121	170	2.80

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PRESSURE & TEMPERA	TURE		
1031 Bronze Globe Valve	Minimum Operating Pressure (bar)	Maximum Cold Working Pressure (bar)	Maximum Hot Working Pressure (bar)
1/2 1031 PT GM GLOBE VALVE	No Minimum Operating Pressure	32.0 bar at temperatures up to 100oC	14.0 bar at temperatures up to 198oC
MATERIAL SPECIFICATIO	SNC		

Number	Component	Material
1	Body	Gunmetal
2	Bonnet	Forged Brass
3	Stem	Brass Bar
4	Disk Ring	Brass Bar
5	Disk	Brass Bar
6	Gland	Brass Bar
7	Gland Nut	Brass Bar
8	Packing	PTFE
9	Handwheel	Aluminium
10	Handwheel Nut	Brass Bar
11	Rating Disc	Aluminium
SDADES		



Pattern / Size	Description		Code	Barcode	Date From	Date To
1031 / 1/4	WN1 HANDWHEEL NUT BRASS (M5)		850481	5013866060977	01/01/1900	current
1031 / 3/8	WN1 HANDWHEEL NUT BRASS (M5)		850481	5013866060977	01/01/1900	current
1031 / 1/2	WN2 HANDWHEEL NUT BRASS (M6)		850482	5013866060984	01/01/1900	current
1031 / 3/4	WN2 HANDWHEEL NUT BRASS (M6)		850482	5013866060984	01/01/1900	current
1031 / 1	WN2 HANDWHEEL NUT BRASS (M6)		850482	5013866060984	01/01/1900	current
1031 / 1.1/4	WN2 HANDWHEEL NUT BRASS (M6)		850482	5013866060984	01/01/1900	current
1031 / 1.1/2	WN2 HANDWHEEL NUT BRASS (M6)		850482	5013866060984	01/01/1900	current
1031 / 2	WN14 HANDWHEEL NUT BRASS (M8)		850512	5013866061141	01/09/1999	current
1031 / 2	WN3 HANDWHEEL NUT BRASS (5/16 UN	C)	851411	5013866063923	01/01/1990	31/08/1999
1031 / 2.1/2	WN4 HANDWHEEL NUT BRASS (3/8 UNC	;)	851412	5013866063930	01/01/1900	current
1031 / 3	WN5 HANDWHEEL NUT BRASS (7/16 UN	C)	850483	5013866060991	01/01/1900	current
1031 / 4	WN6 HANDWHEEL NUT BRASS (1/2 UNC	;)	850484	5013866061004	01/01/1900	current
1031 PT / 1/4	WN1 HANDWHEEL NUT BRASS (M5)		850481	5013866060977	01/01/1900	current
1031 PT / 3/8	WN1 HANDWHEEL NUT BRASS (M5)		850481	5013866060977	01/01/1900	current
1031 PT / 1/2	WN2 HANDWHEEL NUT BRASS (M6)		850482	5013866060984	01/01/1900	current
1031 PT / 3/4	WN2 HANDWHEEL NUT BRASS (M6)		850482	5013866060984	01/01/1900	current
1031 PT / 1	WN2 HANDWHEEL NUT BRASS (M6)		850482	5013866060984	01/01/1900	current
1031 PT / 1.1/4	WN2 HANDWHEEL NUT BRASS (M6)		850482	5013866060984	01/01/1900	current
1031 PT / 1.1/2	WN2 HANDWHEEL NUT BRASS (M6)		850482	5013866060984	01/01/1900	current
1031 PT/2	WN3 HANDWHEEL NUT BRASS (5/16 UN	C)	851411	5013866063923	01/01/1990	31/08/1999
1031 PT/2	WN14 HANDWHEEL NUT BRASS (M8)		850512	5013866061141	01/09/1999	current
		2				
Pattern / Size	Description	Code	Baro	code	Date From	Date To
1031 / 1/4	RATING DISC 1031 - SIZE 1	850459	5013	3866060793	01/01/1900	current
1031 / 3/8	RATING DISC 1031 - SIZE 1	850459	5013	866060793	01/01/1900	current
1031 / 1/2	RATING DISC 1031 - SIZE 1	850459	5013	866060793	01/01/1900	current
1031 / 3/4	RATING DISC 1031 - SIZE 1	850459	5013	866060793	01/01/1900	current
1031 / 1	RATING DISC 1031 - SIZE 1	850459	5013	866060793	01/01/1900	current
1031 / 1.1/4	RATING DISC 1031 - SIZE 1	850459	5013	866060793	01/01/1900	current
1031 / 1.1/2	RATING DISC 1031 - SIZE 1	850459	5013	866060793	01/01/1900	current
1031 / 2	RATING DISC 1031 - SIZE 2	850460	5013	3866060809	01/01/1900	current
1031 / 2.1/2	RATING DISC 1031 - SIZE 3	850261	5013	866059810	01/01/1900	current
1031 / 3	RATING DISC 1031 - SIZE 3	850261	5013	866059810	01/01/1900	current
1031 / 4	RATING DISC 1031 - SIZE 3	850261	5013	866059810	01/01/1900	current
1031 PT / 1/4	RATING DISC 1031 - SIZE 1	850459	5013	866060793	01/01/1900	current
1031 PT / 3/8	RATING DISC 1031 - SIZE 1	850459	5013	866060793	01/01/1900	current
1031 PT / 1/2	RATING DISC 1031 - SIZE 1	850459	5013	866060793	01/01/1900	current
1031 PT / 3/4	RATING DISC 1031 - SIZE 1	850459	5013	3866060793	01/01/1900	current
1031 PT / 1	RATING DISC 1031 - SIZE 1	850459	5013	866060793	01/01/1900	current
1031 PT / 1.1/4	RATING DISC 1031 - SIZE 1	850459	5013	866060793	01/01/1900	current
1031 PT / 1.1/2	RATING DISC 1031 - SIZE 1	850459	5013	3866060793	01/01/1900	current
1031 PT / 2	RATING DISC 1031 - SIZE 2	850460	5013	3866060809	01/01/1900	current

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Pattern / Size Description Code Barcode Date From Date To 1031 / 1/4 W1 HANDWHEEL (RED) 850100 5013866059513 01/01/1900 current 1031 / 3/8 W1 HANDWHEEL (RED) 850100 5013866059520 01/052000 current 1031 / 1/2 W3 HANDWHEEL (RED) 850102 5013866059537 01/01/1900 current 1031 / 1/2 W4 HANDWHEEL (RED) 850103 5013866059544 01/01/1900 current 1031 / 1/1 W5 HANDWHEEL (RED) 850104 5013866059575 01/01/1900 current 1031 / 1/12 W7 HANDWHEEL (RED) 850105 5013866059582 01/01/1900 current 1031 / 2 W8 HANDWHEEL (RED) 850106 5013866059575 01/01/1900 current 1031 / 2 W1 HANDWHEEL (RED) 850100 5013866059530 01/01/1900 current 1031 / 2 W1 HANDWHEEL (RED) 8501010 5013866059530 01/01/1900 current 1031 / 71/4 W1 HANDWHEEL (RED) 850102 5013866059537 01/01/1900				3								
1311/14MI HANDMEEL (RED)50100501380058130101/1000current1001 / 12MI HANDMEEL (RED)5010150138005805701012000current1001 / 12WI HANDMEEL (RED)8010260138005805701011000current1001 / 12WI HANDMEEL (RED)8010260138005805701011000current1001 / 13WI HANDMEEL (RED)8010260138005805701011000current1001 / 14WI HANDMEEL (RED)8010260138005805701011000current1001 / 12WI HANDMEEL (RED)801026013800580501011000current1001 / 12WI HANDMEEL (RED)801026013800580501011000current1001 / 12WI HANDMEEL (RED)8010260138005805501011000current1001 / 12WI HANDMEEL (RED)8010260138800580501011000current1001 / 17.12WI HANDMEEL (RED)8010260138800586401011000current1001 F7 / 14WI HANDMEEL (RED)8010260138800586401011000current1001 F7 / 14WI HANDMEEL (RED)8010260138800586401011000current1001 F7 / 14WI HANDMEEL (RED)8010260138800586401011900current1001 F7 / 14WI HANDMEEL (RED)8010260138800586401011900current1001 F7 / 14WI HANDMEEL (RED)8010260138800586401011900current1001 F7 / 14WI HANDMEEL (RED)80102601388005864<	Pattern / Size	Description			Baro	ode	Date	From	Dat	е То		
1031 / 38 VI HANDWHEEL (RED) 801100 601388608913 01011900 ourrent 1031 / 12 WI HANDWHEEL (RED) 80101 601386008520 010119900 0UR2000 1031 / 12 WI HANDWHEEL (RED) 80102 601386008557 01011900 ourrent 1031 / 11 WI HANDWHEEL (RED) 80104 601386008575 01011900 ourrent 1031 / 11.2 WI HANDWHEEL (RED) 80105 601386008575 01011900 ourrent 1031 / 1.14 WI HANDWHEEL (RED) 80105 601386008557 01011900 ourrent 1031 / 2 WI HANDWHEEL (RED) 80106 601386008551 01011900 ourrent 1031 / 7 WI HANDWHEEL (RED) 80100 60138600857 01011900 ourrent 1031 / 7/14 WI HANDWHEEL (RED) 80101 60138600857 01011900 ourrent 1031 / 7/14 WI HANDWHEEL (RED) 80104 60138600857 01011900 ourrent 1031 / 7/14 WI HANDWHEEL (RED) 80104 601386005851 01011900 ourrent												
112 V31NND/MEEL (RED) 850101 501386058520 01/05/2000 0.04/2000 1031 / J4 V41HAM/MEEL (RED) 850102 50138605857 01/01/900 ourrent 1031 / J4 V41HAM/MEEL (RED) 850103 60138605857 01/01/900 ourrent 1031 / J1 V51HAM/MEEL (RED) 850105 601386058580 01/01/900 ourrent 1031 / J2 V71HAM/MEEL (RED) 850105 601386058575 01/01/900 ourrent 1031 / J2 V71HAM/MEEL (RED) 850105 601386058580 01/01/900 ourrent 1031 / J2 V71HAM/MEEL (RED) 850105 601386058513 01/01/900 ourrent 1031 / J7 V71HAM/MEEL (RED) 850105 601386058513 01/01/900 ourrent 1031 PT / J2 V1HAM/MEEL (RED) 850105 601386058513 01/01/900 ourrent 1031 PT / J2 V1HAM/MEEL (RED) 850105 601386058513 01/01/900 ourrent 1031 PT / J2 VH HAM/MEEL (RED) 850105 601386058513 01/01/900 ourrent 1031 PT / J2 VH HAM/MEEL (RED) 850105 601386058513 01/01/900 ourrent 1031 PT / J2 VH HAM/MEEL (RED) 850105 60138605957 01/01/900 <td></td> <td>. ,</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		. ,										
1031 / 1/2VI HANDWHEE (RED)80102501386058370101/1900000420001031 / 1VI HANDWHEE (RED)80102601386058410101/19000urrent1031 / 1.14VI HANDWHEE (RED)80105601386058540101/19000urrent1031 / 1.14VI HANDWHEE (RED)80105601386058570101/1900ourrent1031 / 2VI HANDWHEE (RED)801056013860595750101/1900ourrent1031 / 2VI HANDWHEE (RED)801006013860595750101/1900ourrent1031 / 3VI HANDWHEE (RED)801006013860595750101/1900ourrent1031 / 4VI HANDWHEE (RED)801006013860595750101/1900ourrent1031 / 71 / 14VI HANDWHEE (RED)801026013860595750101/1900ourrent1031 F7 / 14VI HANDWHEE (RED)801016013860595750101/1900ourrent1031 F7 / 14VI HANDWHEE (RED)801016013860595750101/1900ourrent1031 F7 / 14VI HANDWHEE (RED)801046013860595750101/1900ourrent1031 F7 / 14VI HANDWHEE (RED)801046013886059570101/1900ourrent1031 F7 / 14VI HANDWHEE (RED)80104 </td <td></td> <td>× 7</td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td>		× 7					-					
1031/34VI4 HAND/YHEEL (RED)80102601386059530101/1900current1031/1.14VI5 HAND/YHEEL (RED)80105601386059540101/1900current1031/1.2VIF HAND/YHEEL (RED)80105601386059550101/1900current1031/2.12VI5 HAND/YHEEL (RED)80105601386059550101/1900current1031/2.12VIF HAND/YHEEL (RED)80105601386059550101/1900current1031/14VIF HAND/YHEEL (RED)80105601386059530101/1900current1031 F17 /14VIF HAND/YHEEL (RED)80105601386059530101/1900current1031 F17 /13VIF HAND/YHEEL (RED)80102601386059530101/1900current1031 F17 /14VIF HAND/YHEEL (RED)80102601386059530101/1900current1031 F17 /14VIF HAND/YHEEL (RED)80105601386059510101/1900current1031 F17 /12VIF HAND/YHEEL (RED)80105601386059510101/1900current1031 F17 /12 <td< td=""><td></td><td>. ,</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>		. ,										
1031 / 1.1VIS HAND/MEEL (RED)8501035013860589540101/1900aurrent1031 / 1.12VIS HAND/MEEL (RED)8501046013880058550101/1900aurrent1031 / 2VIS HAND/MEEL (RED)8501056013880058950101/1900aurrent1031 / 2VIS HAND/MEEL (RED)8501076013880058950101/1900aurrent1031 / 3VIZ HAND/MEEL (RED)8501096013880058950101/1900aurrent1031 / 4VIT HAND/MEEL (RED)85010060138800589530101/1900aurrent1031 F/ 1/14VIT HAND/MEEL (RED)85010260138800585301001/1900aurrent1031 F/ 1/12VIT HAND/MEEL (RED)85010260138800585301001/1900aurrent1031 F/ 1/12VIT HAND/MEEL (RED)85010360138800585501001/1900aurrent1031 F/ 1/12VIT HAND/MEEL (RED)85010560138800585501001/1900aurrent1031 F/ 1/12VIT HAND/MEEL (RED)8501056013880058550101/1900aurrent1031 F/ 1/12VIT HAND/MEEL (RED)8501056013880058550101/1900aurrent1031 F/ 1/12VIT HAND/MEEL (RED)8501056013880058550101/1900aurrent1031 F/ 1/12VIT HAND/MEEL (RED)8501056013880058570101/1900aurrent1031 F/ 1/12VIT HAND/MEEL (RED)8501065013880058570101/1900aurrent1031 F/ 1/14GN1 GAAD NUT85010550138800585850101/1900aurrent		× 7										
1031 / 1.14VIE HAND/VHEEL (RED)8010461338668955101.01/1900ourrent1031 / 1.2VIT MAND/WHEEL (RED)8010561338608958601.01/1900ourrent1031 / 2VIS MAND/WHEEL (RED)8010761338605958501.01/1900ourrent1031 / 3VIZ HAND/WHEEL (RED)8010861338605958501.01/1900ourrent1031 / 4VIT HAND/WHEEL (RED)801006133860595301.01/1900ourrent1031 PT / 14VIT HAND/WHEEL (RED)801006133860595301.01/1900ourrent1031 PT / 14VIT HAND/WHEEL (RED)8010161338605953701.01/1900ourrent1031 PT / 14VIT HAND/WHEEL (RED)8010261338605953701.01/1900ourrent1031 PT / 14VIT HAND/WHEEL (RED)8010261338605953701.01/1900ourrent1031 PT / 14VIT HAND/WHEEL (RED)8010261338605953701.01/1900ourrent1031 PT / 14VIS HAND/WHEEL (RED)801056133860595701.01/1900ourrent1031 PT / 14VIS HAND/WHEEL (RED)8010561338605958901.01/1900ourrent1031 PT / 14VIS HAND/WHEEL (RED)8010550138605958901.01/1900ourrent1031 PT / 14VIS HAND/WHEEL (RED)801055013860598901.01/1900ourrent1031 PT / 14VIS HAND/WHEEL (RED)801055013860598901.01/1900ourrent1031 PT / 14VIS HAND/WHEEL (RED)8010450138605989901.01/1900ourrent <td></td> <td>. ,</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		. ,										
1031 / 1.12 W7 HANDWHEEL (RED) 850165 501386059562 01/01/1900 current 1031 / 2.12 W10 HANDWHEEL (RED) 850107 601386059523 01/01/1900 current 1031 / 2.12 W10 HANDWHEEL (RED) 850109 601386059523 01/01/1900 current 1031 / 4 W1 HANDWHEEL (RED) 850109 6013860595313 01/01/1900 current 1031 PT / 14 W1 HANDWHEEL (RED) 850102 601386059537 01/01/1900 current 1031 PT / 12 W1 HANDWHEEL (RED) 850101 601386059527 01/01/1900 current 1031 PT / 1.12 W1 HANDWHEEL (RED) 850104 601386059557 01/01/1900 current 1031 PT / 1.14 W6 HANDWHEEL (RED) 850105 501386059875 01/01/1900 current 1031 PT / 1.14 W6 HANDWHEEL (RED) 850105 501386059875 01/01/1900 current 1031 PT / 1.14 W6 HANDWHEEL (RED) 850105 501386059875 01/01/1900 current 1031 PT / 1.24 W6 HANDWHEEL (RED) 850105 50138		. ,					_		-			
1031 / 2 WH HANDWHEEL (RED) 850106 501 388005875 01/01/1900 current 1031 / 2.12 WH HANDWHEL (RED) 850107 501 3880058950 01/01/1900 current 1031 / 3 W12 HANDWHEL (RED) 850100 501 3880058950 01/01/1900 current 1031 / 1 W1 HANDWHEL (RED) 850100 501 3880059513 01/01/1900 current 1031 PT / 34 W1 HANDWHEL (RED) 850102 501 3880059537 01/01/1900 current 1031 PT / 12 W1 HANDWHEL (RED) 850101 501 3880059537 01/01/1900 current 1031 PT / 12 W1 HANDWHEL (RED) 850104 501 3880059555 01/01/1900 current 1031 PT / 12 W1 HANDWHEL (RED) 850105 501 3880059556 01/01/1900 current 1031 PT / 12 W1 HANDWHEL (RED) 850105 501 3880059568 01/01/1900 current 1031 PT / 12 W1 HANDWHEL (RED) 850105 501 3880059568 01/01/1900 30/04/2000 1031 PT / 134 Description Code Barcole												
1031 / 2.1/2 W10 HANDWHEEL (RED) 850107 501 3860059682 01/01/1900 current 1031 / 4 W14 HANDWHEEL (RED) 850108 671 3860059690 01/01/1900 current 1031 / 4 W14 HANDWHEEL (RED) 850100 671 38600596373 01/01/1900 current 1031 PT / 1/2 W14 HANDWHEEL (RED) 850102 671 3860059637 01/01/1900 current 1031 PT / 1/2 W14 HANDWHEEL (RED) 850102 671 3860059637 01/01/1900 current 1031 PT / 1/2 W14 HANDWHEEL (RED) 850102 671 3860059654 01/01/1900 current 1031 PT / 1.1/2 W1 HANDWHEEL (RED) 850105 501 38600596564 01/01/1900 current 1031 PT / 1.1/2 W5 HANDWHEEL (RED) 850105 501 3860059678 01/01/1900 current 1031 PT / 1.1/2 W5 HANDWHEEL (RED) 850105 501 3860059679 01/01/1900 current 1031 PT / 1.1/2 W5 HANDWHEEL (RED) 850105 501 3860059679 01/01/1900 current 1031 PT / 1.1/2 W6 HANDWHEEL (RED) <		. ,					-					
1031/3 W12 HANDWHEEL (RED) 850108 5013860596509 010011900 current 1031 /4 W1 HANDWHEEL (RED) 850109 5013860596513 01011900 current 1031 PT /14 W1 HANDWHEEL (RED) 850109 5013860596513 01011900 current 1031 PT /12 W1 HANDWHEEL (RED) 850101 5013860596527 01011900 current 1031 PT /12 W1 HANDWHEEL (RED) 850102 5013860596537 01011900 current 1031 PT /1.14 W1 HANDWHEEL (RED) 850104 5013860596587 01011900 current 1031 PT /1.14 W1 HANDWHEEL (RED) 850105 5013860596989 01011900 current 1031 PT /1.14 W1 HANDWHEEL (RED) 850105 501386059917 01011900 current 1031 PT /1.14 W1 HANDWHEEL (RED) 850105 501386059917 01011900 current 1031 PT /1.14 W1 HANDWHEEL (RED) 850105 50138605917 01011990 30042000 1031 /14 GN GLAND NUT 85010 501386059917 01011990 <td></td>												
1031 / 4 VI 4 HANDWHEEL (RED) 80109 501386009800 01011900 current 1031 PT / 1/4 VI HANDWHEEL (RED) 80100 501386009813 01/011900 current 1031 PT / 1/2 VI HANDWHEEL (RED) 80100 5013860098537 01/011900 current 1031 PT / 1/2 VI HANDWHEEL (RED) 80102 501386009857 01/011900 current 1031 PT / 1/2 VI HANDWHEEL (RED) 80103 501386009857 01/011900 current 1031 PT / 1.1/2 VI HANDWHEEL (RED) 80103 501386009857 01/011900 current 1031 PT / 1.1/2 VI HANDWHEEL (RED) 80105 501386009868 01/011900 current 1031 PT / 1.1/2 VI HANDWHEEL (RED) 80105 501386009889 01/011900 current 1031 /1/2 GNI GLAND NUT 80204 501386009889 01/011900 30/04/2000 1031 /1/2 GNI GLAND NUT 812046 5013860098917 01/011900 30/04/2000 1031 /1/2 GNI GLAND NUT 851205 5013860098917 01/011		W10 HANDWHEEL (RED)		850107	7 5013	866059582	01/0	1/1900	curi	rent		
1031 PT / 1/4 VI 1 HANDWHEEL (RED) 850100 501 3886059513 01/01/1900 current 1031 PT / 1/2 VI HANDWHEEL (RED) 850100 601 3866059537 01/01/1900 30/04/2000 1031 PT / 1/2 VI HANDWHEEL (RED) 850102 601 3866059537 01/01/1900 current 1031 PT / 1.4 VI HANDWHEEL (RED) 850102 601 3866059544 01/01/1900 current 1031 PT / 1.4 VI HANDWHEEL (RED) 850104 501 3866059555 01/01/1900 current 1031 PT / 1.4 WI HANDWHEEL (RED) 850105 501 3866059858 01/01/1900 current 1031 PT / 1.4 WI HANDWHEEL (RED) 850105 501 3866059859 01/01/1900 current 1031 PT / 1.4 WI HANDWHEEL (RED) 850105 501 3866059889 01/01/1900 30/04/2000 1031 / 1.12 GN GLAND NUT 850210 501 3866059889 01/01/1990 30/04/2000 1031 / 1.14 GN GLAND NUT 850210 501 3866059174 01/01/1990 30/04/2000 1031 / 1.14 GN GLAND NUT 850246	1031/3	W12 HANDWHEEL (RED)		850108	3 5013	866059599	01/0	1/1900	curi	rent		
N31 PT /38 W1 HANDWHEEL (RED) 850100 5013866056513 01/01/1900 current 1031 PT /12 W3 HANDWHEEL (RED) 850101 501386056537 01/01/1900 current 1031 PT /12 W3 HANDWHEEL (RED) 850101 501386056537 01/01/1900 current 1031 PT /14 W5 HANDWHEEL (RED) 850104 5013866058551 01/01/1900 current 1031 PT /14 W5 HANDWHEEL (RED) 850105 5013866058551 01/01/1900 current 1031 PT /14 W6 HANDWHEEL (RED) 850105 5013866058689 01/01/1900 current 1031 PT /12 W7 HANDWHEEL (RED) 850105 5013866058869 01/01/1900 30/04/2000 1031 /11/2 GN1 GLAND NUT 850310 5013866058917 01/01/1900 30/04/2000 1031 /12 GN1 GLAND NUT 842046 5013866058917 01/01/1900 current 1031 /12 GN1 GLAND NUT 842045 5013866058917 01/01/1900 current 1031 /12 GN1 GLAND NUT 85010 5013866053957 01/01/1900	1031/4	W14 HANDWHEEL (RED)		850109	5013	866059605	01/0	1/1900	curi	rent		
1031 PT / 1/2 W4 HANDWHEEL (RED) 850102 5013866058537 01011990 3004/2000 1031 PT / 1/2 W3 HANDWHEEL (RED) 850102 5013866058537 01011900 current 1031 PT / 1 W5 HANDWHEEL (RED) 850102 5013866058551 01011900 current 1031 PT / 1.12 W5 HANDWHEEL (RED) 850105 5013866058651 01011900 current 1031 PT / 1.12 W5 HANDWHEEL (RED) 850105 5013866058658 01011900 current 1031 PT / 1.12 W7 HANDWHEEL (RED) 850105 5013866058689 01011900 current 1031 /14 GNI GLAND NJT 850310 501386605889 01011990 3004/2000 1031 /14 GNI GLAND NJT 850416 5013866058989 01011990 3004/2000 1031 /14 GNI GLAND NJT 842046 5013866058989 01011990 3004/2000 1031 /12 GNI GLAND NJT 842045 5013866058989 01011990 3004/2000 1031 /1.12 GNI GLAND NJT 85107 5013866058986 01011990	1031 PT / 1/4	W1 HANDWHEEL (RED)		850100	5013	866059513	01/0	1/1900	curi	rent		
N31 PT / 1/2 W3 HANDWHEEL (RED) 850101 5013866056520 01/05/2000 current 1031 PT / 1/4 W4 HANDWHEEL (RED) 850102 5013866056537 01/01/1900 current 1031 PT / 1.1/4 W6 HANDWHEEL (RED) 850104 501386605657 01/01/1900 current 1031 PT / 1.1/2 W6 HANDWHEEL (RED) 850106 5013866059575 01/01/1900 current 1031 PT / 1.2 W6 HANDWHEEL (RED) 850106 5013866059875 01/01/1900 current 1031 PT / 1.4 W6 HANDWHEEL (RED) 850106 5013866059889 01/01/1900 current 1031 /14 GNI GLAND NUT 850310 5013866059174 01/01/1900 20/04/2000 1031 /12 GNI GLAND NUT 842046 5013866059174 01/01/1990 30/04/2000 1031 /14 GNI GLAND NUT 842045 5013866058879 01/01/1990 30/04/2000 1031 /1 GNI GLAND NUT 851025 501386605897 01/01/1990 30/04/2000 1031 /2 GNI GLAND NUT 851025 5013866053879 <td< td=""><td>1031 PT / 3/8</td><td>W1 HANDWHEEL (RED)</td><td></td><td>850100</td><td>) 5013</td><td>866059513</td><td>01/0</td><td>1/1900</td><td>curi</td><td>rent</td></td<>	1031 PT / 3/8	W1 HANDWHEEL (RED)		850100) 5013	866059513	01/0	1/1900	curi	rent		
1031 PT / 34W4 H4NDWHEEL (RED)85010250138605563701.01/1900current1031 PT / 1.14W6 HANDWHEEL (RED)85010350138605565601.01/1900current1031 PT / 1.12W7 HANDWHEEL (RED)85010550138605565701.01/1900current1031 PT / 1.12W7 HANDWHEEL (RED)85010550138605568501.01/1900current1031 PT / 1.12W7 HANDWHEEL (RED)85010550138605586501.01/1900current1031 / 14CM GLAND NUT85010550138605586501.01/1900current1031 / 34GN1 GLAND NUT84204650138605987901.01/1900current1031 / 34GN3 GLAND NUT84204650138605987201.01/1900current1031 / 34GN3 GLAND NUT84204650138605987201.01/1900current1031 / 14GN3 GLAND NUT8510750138605386501.01/190030.0422001031 / 1.14GN3 GLAND NUT8510750138605386501.01/1900current1031 / 2.12GN3 GLAND NUT8510750138605386501.01/1900current1031 / 2.12GN3 GLAND NUT8510250138605386501.01/1900current1031 / 2.12GN3 GLAND NUT8510750138605386501.01/1900current1031 / 2.12GN3 GLAND NUT8501050138605386501.01/1900current1031 / 2.12GN3 GLAND NUT8501050138605386501.01/1900current1031 / 1.12GN3 GLAND NUT850115<	1031 PT / 1/2	W4 HANDWHEEL (RED)		850102	2 5013	866059537	01/0	1/1990	30/0	04/2000		
N31 PT / 1 W5 HANDWHEEL (RED) 850103 5013866059544 01/01/1900 current 1031 PT / 1.12 W7 HANDWHEEL (RED) 850104 5013866059568 01/01/1900 current 1031 PT / 1.12 W7 HANDWHEEL (RED) 850105 5013866059575 01/01/1900 current 1031 PT / 1.12 W7 HANDWHEEL (RED) 850105 5013866059589 01/01/1900 20/04/2000 1031 / 12 Description Code Barcode Date From Date To 1031 / 14 GN1 GLAND NUT 850310 5013866059889 01/01/1900 20/04/2000 1031 / 12 GN3 GLAND NUT 842046 5013866059117 01/01/1900 20/04/2000 1031 / 1.1 GN4 GLAND NUT 842046 5013866059124 01/01/1900 20/04/2000 1031 / 1.12 GN5 GLAND NUT 851025 5013866059385 01/01/1900 20/04/2000 1031 / 1.12 GN5 GLAND NUT 851025 5013866053855 01/01/1900 20/04/2000 1031 / 2 GN7 GLAND NUT 850310 5013866053879 01/01/1900 </td <td>1031 PT / 1/2</td> <td>W3 HANDWHEEL (RED)</td> <td></td> <td>850101</td> <td>5013</td> <td>866059520</td> <td>01/0</td> <td>5/2000</td> <td>curi</td> <td>rent</td>	1031 PT / 1/2	W3 HANDWHEEL (RED)		850101	5013	866059520	01/0	5/2000	curi	rent		
1031 PT / 1.1/4 W6 HANDWHEEL (RED) 850104 5013866059585 01/01/1900 current 1031 PT / 1.12 W7 HANDWHEEL (RED) 850105 5013866059586 01/01/1900 current 1031 PT / 2 W8 HANDWHEEL (RED) 850105 5013866059575 01/01/1900 current 1031 PT / 2 W8 HANDWHEEL (RED) 850105 5013866059889 01/01/1900 20/02/2000 1031 / 14 GM1 GLAND NUT 850310 5013866059117 01/01/1900 20/04/2000 1031 / 12 GM3 GLAND NUT 842046 5013866059117 01/01/1900 20/04/2000 1031 / 1.14 GMS GLAND NUT 842046 5013866059986 01/01/1900 20/04/2000 1031 / 1.12 GMS GLAND NUT 851020 5013866059986 01/01/1900 20/04/2000 1031 / 2.12 GMS GLAND NUT 851020 5013866059986 01/01/1900 20/04/2000 1031 / 2 GMS GLAND NUT 851020 5013866059987 01/01/1900 20/04/2000 1031 / 2 GMS GLAND NUT 850310 50138660599896 <	1031 PT / 3/4	W4 HANDWHEEL (RED)		850102	2 5013	866059537	01/0	1/1900	curi	rent		
N31 PT / 1.1/2 W7 HANDWHEEL (RED) 850106 S013866059568 01/01/1900 current 1031 PT / 2 W8 HANDWHEEL (RED) 850106 5013866059575 01/01/1900 current V V V V V V V V V V V V V V V V V V V V V V V V V V V V V V V V V V V V V V V V V V V V <td c<="" td=""><td>1031 PT / 1</td><td>W5 HANDWHEEL (RED)</td><td></td><td>850103</td><td>5013</td><td>866059544</td><td>01/0</td><td>1/1900</td><td>curi</td><td>rent</td></td>	<td>1031 PT / 1</td> <td>W5 HANDWHEEL (RED)</td> <td></td> <td>850103</td> <td>5013</td> <td>866059544</td> <td>01/0</td> <td>1/1900</td> <td>curi</td> <td>rent</td>	1031 PT / 1	W5 HANDWHEEL (RED)		850103	5013	866059544	01/0	1/1900	curi	rent	
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J J Pattern / Size Description Code Barcode Date From Date To 1031 / 1/4 GN1 GLAND NUT 850310 5013866059889 01/01/1990 30/04/2000 1031 / 3/4 GN3 GLAND NUT 842046 5013866059117 01/01/1990 30/04/2000 1031 / 3/4 GNS GLAND NUT 842046 5013866059124 01/01/1990 30/04/2000 1031 / 1/1 GNS GLAND NUT 850311 5013866059124 01/01/1990 30/04/2000 1031 / 1.1/2 GNS GLAND NUT 851025 501386605399 01/01/1990 30/04/2000 1031 / 2.1/2 GN7 GLAND NUT 851025 5013866053962 01/01/1990 current 1031 / 2.1/2 GN3 GLAND NUT 851025 5013866059862 01/01/1990 current 1031 / 2 GN3 GLAND NUT 850316 5013866059889 01/01/1990 current 1031 / 2 GN3 GLAND NUT 850316 5013866059889 01/01/1990 30/04/2000 1031 / 2 GN3 GLAND NUT 850316 501386605917	1031 PT / 1.1/2	W7 HANDWHEEL (RED)		850105	5 5013	866059568	01/0	1/1900	curi	ent		
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Pattern / Size Description Code Barcode Date From Date To 1031 / 1/4 GN1 GLAND NUT 850310 5013866059889 01/01/1990 3004/2000 1031 / 3/4 GN1 GLAND NUT 850310 5013866059117 01/01/1990 3004/2000 1031 / 3/4 GN3 GLAND NUT 842046 501386605917 01/01/1990 3004/2000 1031 / 1/1 GNA GLAND NUT 842046 5013866059124 01/01/1990 3004/2000 1031 / 1.1 GNA GLAND NUT 851025 5013866053996 01/01/1990 3004/2000 1031 / 2.1 GNA GLAND NUT 851025 5013866053995 01/01/1900 current 1031 / 2.1/2 GNA GLAND NUT 851025 5013866053985 01/01/1900 current 1031 / 2.1/2 GNA GLAND NUT 850316 5013866053985 01/01/1900 current 1031 / 2.1/2 GNA GLAND NUT 850316 5013866053985 01/01/1900 current 1031 / 2.1/2 GNA GLAND NUT 850316 5013866059177 01/01/1900 current <td></td> <td>1</td> <td></td> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		1		4								
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	1031 PT / 1.1/4	GN64 GLAND NUT (CHAMFER	ED)		850792	50138660623	815	01/05/200	0	current		
1031 PT / 2 GN66 GLAND NUT (CHAMFERED) 850794 5013866062339 01/05/2000 current	1031 PT / 1.1/2	GN65 GLAND NUT (CHAMFER	ED)		850793	50138660623	322	01/05/200	0	current		
	1031 PT/2	GN66 GLAND NUT (CHAMFER	ED)		850794	50138660623	39	01/05/200	0	current		

			5		
Pattern / Size	Description	Code	Barcode	Date From	Date To
1031 / 1/4	G1 GLAND	855236	5013866065163	01/01/1900	current
1031 / 3/8	G1 GLAND	855236	5013866065163	01/01/1900	current
1031 / 1/2	G3 GLAND	842043	5013866059094	01/01/1900	current
1031 / 3/4	G3 GLAND	842043	5013866059094	01/01/1900	current
1031 / 1	G4 GLAND	842045	5013866059100	01/01/1900	current
1031 / 1.1/4	G5 GLAND	850301	5013866059827	01/01/1900	current
1031 / 1.1/2	G6 GLAND	850302	5013866059834	01/01/1900	current
1031 / 2	G7 GLAND	850303	5013866059841	01/01/1900	current
1031 / 3	G14 GLAND	852160	5013866063961	01/01/1900	current
1031 / 4	G9 GLAND	850306	5013866059858	01/01/1900	current
1031 PT / 1/4	G1 GLAND	855236	5013866065163	01/01/1900	current
1031 PT / 3/8	G1 GLAND	855236	5013866065163	01/01/1900	current
1031 PT / 1/2	G3 GLAND	842043	5013866059094	01/01/1900	current
1031 PT / 3/4	G3 GLAND	842043	5013866059094	01/01/1900	current
1031 PT / 1	G4 GLAND	842045	5013866059100	01/01/1900	current
1031 PT / 1.1/4	G5 GLAND	850301	5013866059827	01/01/1900	current
1031 PT / 1.1/2	G6 GLAND	850302	5013866059834	01/01/1900	current
1031 PT/2	G7 GLAND	850303	5013866059841	01/01/1900	current

				-	
Pattern / Size	Description	Code	Barcode	Date From	Date To
1031 / 1/4	GP2 GLAND PACKING	855248	5013866065217	01/01/1900	current
1031 / 3/8	GP2 GLAND PACKING	855248	5013866065217	01/01/1900	current
1031 / 1/2	GP3 GLAND PACKING	842040	5013866059070	01/01/1900	current
1031 / 3/4	GP3 GLAND PACKING	842040	5013866059070	01/01/1900	current
1031 / 1	GP4 GLAND PACKING	842042	5013866059087	01/01/1900	current
1031 / 1.1/4	GP5 GLAND PACKING	850006	5013866059292	01/01/1900	current
1031 / 1.1/2	GP6 GLAND PACKING	850079	5013866059506	01/01/1900	current
1031 / 2.1/2	GP24 GLAND PACKING	852950	5013866064029	01/01/1900	current
1031 / 3	GP25 GLAND PACKING - DISCONTINUED	852953	5013866064036	01/01/1900	current
1031 / 4	GP15 GLAND PACKING	850330	5013866060052	01/01/1900	current
1031 PT / 1/4	GP2 GLAND PACKING	855248	5013866065217	01/01/1900	current
1031 PT / 3/8	GP2 GLAND PACKING	855248	5013866065217	01/01/1900	current
1031 PT / 1/2	GP3 GLAND PACKING	842040	5013866059070	01/01/1900	current
1031 PT / 3/4	GP3 GLAND PACKING	842040	5013866059070	01/01/1900	current
1031 PT / 1	GP4 GLAND PACKING	842042	5013866059087	01/01/1900	current
1031 PT / 1.1/4	GP5 GLAND PACKING	850006	5013866059292	01/01/1900	current
1031 PT / 1.1/2	GP6 GLAND PACKING	850079	5013866059506	01/01/1900	current

CARE & MAINTENANCE

Care

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

REGULATIONS

Regulations

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.

GUARANTEE

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 product.

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 tear.

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 – free service.

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.

5075 Pegler Maintenance Instrc 1/3/05 9:19 am Page 1

maximum working pressure, size and rising level of hazard. The from the piping chart would not be included in Category IV. designated as SEP do not bear the CE mark nor require a level of hazard varies according to the fluid being carried. Fluids Nou mark and require a Declaration of Conformity. Valves classified having increased hazard are categorised as, I, II, III or IV. All valves designated SEP regardless of the fluid group. Those identified as engineering practice). Valves up to and including 25mm (1") are are classified as Group 1 , dangerous fluids or Group 2, all other these new Regulations. Valves are categorised according to their maximum allowable pressure greater than 0.5 bar are covered by The Declaration of Conformity. Categories I, II, III or IV carry the CE luids including steam. The categories designated are SEP (sound CE MARKING & THE ATEX Directive 94/9/EC been introduced into United Kingdom law. Valves with a Pressure Equipment Regulations 1999 (SI 1999/2001) have THE PRESSURE EQUIPMENT DIRECTIVE 97/23/EC & CE MARKING

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 potentially explosive atmospheres. This has been implemented in Jnited Kingdom law by the Equipment and Protective Systems Concerning equipment and protection systems intended for use in

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 being transported is cold, inert gas or non-flammable liquid. The regulations is defined as Group II category 2 and shall bear The regulations will not apply to a valve without a potential source following markings: (Ex) II 2 GD X requisite level of protection for valves not exempt from the

VALVE SELECTION Selection, Storage & Protection

preventative maintenance it should give years of trouble-free part of the valve selection 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 metals in the pipe system and the valve must be considered as valves must be properly selected for their intended service pressure and temperature requirements and must be suitable to

valves should be stored off the ground in a clean, dry, indoor area

Where desiccant bags are included with the valve these should be

Product Data Sheet: Valves Package

appropriate and so adequate protection from damage is provided changed after a period of 6 months. When Pegler valves are fitted with pressure equipment ³egler valves are supplied in cardboard cartons or are bagged as

assemblies, suitable protective devices may be required. PRESSURE/TEMPERATURE RATING

and temperature does not exceed the stated rating of the valve. should also be avoided. 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

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

LOCATION/END-OF-LINE SERVICE

valve siting should be decided during the system design phase. To prevent imposing strain on the valve seat, pipe work and valves To ensure ease of operation, adjustment, maintenance and repain

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 titting of a they must be adequately supported. The 1072, 1070/125, 1065 and 1068 Gate valves are suitable for

end-ot-line service.

on the valve nameplate, body or data plate. These must not be 4. The valve selected must be suitable for the required service enable them to safely lift and install Pegler valves. pumps (when fitted) must be turned off. The pipeline must be deexceeded. conditions. The pressure and temperature limitations are indicated pressurised, drained and vented. Valves must be fully opened to to which the valve is being installed of maintained. appropriate to the hazard presented by the nature of the process exceeded and reduction or elimination of any potential hazards. ensure release of any pipeline or valve pressure. Before starting work on any installation a risk assessment must be Protective clothing and safety equipment must be utilised as made to consider the possibility of operational limits . Fitters must be trained in manual and mechanical handling to . Before installing or removing a valve the pipeline circulating **INSTALLATION Health & Safety** being

system debris. Protective devices may need to be fitted and Valve seats, seals and internal components can be damaged by

wheels, levers or stems. damage to the valve and its components system flushing may be required. Any flushing fluid used to clean the pipeline must not cause any . Pegler valves must not be misused by lifting them by their hand

10. All Health and Safety Rules must be followed when installing erosive service, or for carrying fluids containing abrasive solids. conditions, fire testing, fire hazard environment, corrosive or wind, earthquakes and traffic. 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. INSTALLATION

are clean and free from debris. Unpack the valve and check that the flow paths and valve threads

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 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 valve has been selected for installation. Check the body markings and nameplate to ensure that the correc

correctly installed. The valve should not be installed in horizontal pipe work with stem

Ball valves may be fixed in any orientation, always leaving 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 enough space for the 90° operation of the lever handle "Dirt and debris entering the valve through the end ports horizontal because full closure may be impeded by an accumulation *Excessive force during assembly and hand wheel operation. Valves should not be lifted using the hand wheel, lever or the stern)

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 horizontal pipe work with the cap upper most and vertically with the 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 titted so that the fluid transported follows the indicated flow

> 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 as listed in BS EN 1127-1 clause 6.4.5. 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 OPERATION

valve. When it will go no further return the hand wheel clockwise 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 be turned no turther. 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

regulating and throttling service.

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 ilobe Valves

the valve. Closure will be confirmed when the handle can be turned To close the valve a clockwise rotation of the hand wheel will close 1/2 turn.

no turtner Caution: Suitable hand protection should be worn when operating

suitable for regulating and throttling service. valves used in extreme temperature applications. Globe valves are

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

operation.

PB LEVER HANDLE To open - turn the lever 90° so that it is in line Sall Valves

> so that it is across the line of the pipe in which it is installed. Ful 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° lever is firmly set against the stop on the valve body

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.

pipe insulation is being used. This version is only available with lifts the lever away from the body and is particularly useful when standard lever handle.

cause the ball to become tight in the valve. The valve may be Caution: Service applications with extremes of temperature may protection should be worn when operating valves used in extreme pecome stiff to operate in these circumstances. Suitable hand

open or fully closed position. Ball valves are not suitable temperature applications. The valve should only be used in the fully egulating or throttling applications. ð

MAINTENANCE

this should be collected and/or filtered 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 hazards 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 planned procedure of how the maintenance will be carried out. The A regular maintenance program is the most efficient method of

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

however, in the event of maintenance being necessary, gate and globe valves do not normally require any maintenance Gland Replacement - Under normal working conditions Pegle following procedure should be followed: nspected at 3 monthly intervals to check for gland leakage. NOTE: It is recommended that within the 1st year the gland the

Before starting work, de-pressurise the system, turn off any

lechnical Department for Turtner Information available from Sales Office.

egler recommended spares must be used.

Hete

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) Pegler

QUALITY • RELIABILITY • INNOVATION

NB. Permanent removal of the gland nut and /or tightness should be made, further adjust the gland nut as Tighten the gland nut and confirm stem resistance while ring. Using a suitable tool, lift out the existing packing nut, nameplate and hand wheel. Remove the gland nut Plate will invalidate the CE compliance of this valve. Pegler necessary to achieve a satisfactory seal. 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. and push down firmly. Fit a replacement Pegler packing gland into the stuffing box must be taken not to damage the valve stern. sure the stem and stuffing box are clean & free from det

e operating ck for leak

the Data. required

Ball valves and Check valves are generally NOT suitable for

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" sparks" e.g. sawing or grinding. Only steel "single spark" tools are According to valve type, gland packing and valve discs may be replaced. Valves within the scope of the ATEX Directive with a maintenance.

present. b) dust deposits have been removed and no dust cloud is only permissible if: a) no hazarous explosive atmosphere is

Before starting work de-pressurise the system, turn off any circulating pumps, and ensure the valve is empty of fuld. Using a suitable wrench remove the complete bornet assembly from the valve. Care should be taken to ensure the pipework is held securely during this process so that there is no distortion to the

should

1029 Renewable Valve Disc Replacement.

be subject to a "permit to work" system. present. The use of tools on equipment in Zones 1 and

ris. Care	nd make	nd gland	nove the	

circulating pumps. Slacken the hand wheel nut and rer

and the valve which need to be considered. Appropriate flushing pressure and temperature requirements the life expectancy of the considering the compatibility of the system design and the Reference Material: Pegler Valves Package Brochure, Pegle commissioning the system as this would help extend the valve life 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 valves can be adversely affected and valve failure may occur. The

PRIOR NOTICE and materials of products listed in this leaflet without European Pressure Equipment Directive (PED 97/23 EC). PEGLER LTD RESERVES THE RIGHT TO CHANGE SPECIFICATION, DESIGN MAINTAINING A POLICY OF CONTINUAL PRODUCT DEVELOPMENT

Spares Catalogue, and Spares Price list. A Technical File is held a

Head Office

Yorkshire DN4 8DF England www.pegler.co.uk Pegler Limited, St Catherine's Avenue, Doncaster, South

Western Tel: 0870 1200283 Fax: 01302 560109 Southern Tel: 0870 1200282 Fax: 01302 560458 Northern Tel: 0870 1200281 Fax: 01302 560108

Tel: 44 (0) 1302 855656 Fax: 44 (0) 1302 730513

type as appropriate. Re-attach a replacement disc and disc nut. The valve disc can be replaced with an equivalent size disc and whole

Installation, Operating & Maintenance Instructions are N.B. The 1029 Globe valves have non-metallic PTFE valve discs.

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.

valve if

to valve

failure. Slacken and remove disc nut and disc.

Assess damage to valve seat replacing the valve threads. Any damage to the threads could lead

necessary

Export Sales:

export@pegler.co.uk

k.sales@pegler.co.uk

Doncaster as part of the requirements for compliance to the

Pegler

Engineers Valves

Installation, Operating & Maintenance Instructions Pressure Equipment Directive

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

delivery to your door visit MyTub Ltd 0845 303 8383 - www.mytub.co.uk - in

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

give years of trouble-free service provided it is installed correctly

receives adequate preventative maintenance. By

	Drain	Cacks		Ch	eck Val	294		Globe	Valves	r –		6	iate Valv	291					Ball	Valves			1	
* Pressure limited to 10 bar for Air & Gas applications.	833GM, GM LS	1832	1064	1063	1062	1060A	1039	1031	1029	GM63	ទ	P81M	1070/125	1072	1068	1065	PB100	PB300 YELLOW	PB300 RED/BLUE	PB500 YELLOW	PB500 RED	PB700	Product	
to 10 bar for Air i	×	×	×	×	۲	۲	۲	۲	۲	×	×	۲	۲	۲	۲	×	×	۲	۲	۲	۲	۲	Steam	
& Gas applicatio	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	Water	
	×	×	×	×	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	۲	<u>e</u>	VALVE
e limited to 5 bar	×	×	S **	S **	×	×	×	×	ł	×	×	×	×	×	×	×	\$	۲,	\$	z	s,	\$	Air	VALVE SUITABILITY
** Pressure limited to 5 bar for Air applications.	×	×	×	×	×	×	×	×	\$	×	×	×	×	×	×	×	×	\$	×	Z	×	\$	Gas	YTL
ns.	×	×	×	×	×	×	×	×	ł.	×	×	×	×	×	×	×	×	۲,	×	ł,	×	\$	Gas Combustible	
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	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×		
_																							, 	
	Drain 833GM, GMLS	Cocks 1832	1064	th 1063	eck Val	1060A	1039	Globe	Valves 1029	GM63	63	ت 181 M	ate Valv 1070/125	a 1072	1068	1065	PB100	PB300 YELLOW	PB300 RED/BLUE	PB500 YELLOW	PB500 RED	PB700	Product	
	•	•	•	•			•		7.5		•		11.4	•			•	•		11.5	11.5	11.5	1/4"	
		•	10.3	10.3					7.9	•			11.4						•	11.9	11.9	11.9	3/8	
			12.8	12.8	15.9	15.0	9.9	9.9	9.9		•		15.0	15.0	15.0	12.7	12.7			15.4	15.4	15.4	1/2"	7
	•	•	14.2	14.2	16.7	16.3	11.1	11.1	11.1				16.3	16.3	16.3	14.0	14.0	•	•	16.7	16.7	16.7	3/4"	hread
	•	•	15.0	15.0	19.0	19.1	12.3	12.3	12.3	•	•	•	19.1	19.1	19.1	16.1	16.2	•	•	19.4	19.4	19.4	-	Thread Depths (mm)
	•	•	15.2	15.2	•	21.4	14.3	14.3	14.3	•	•	•	21.4	21.4	21.4	18.5	18.5	•	•	21.7	21.7	21.7	1.1/4" 1.1/2"	; (mm)
	•	•	16.4	16.4	•	21.4	14.3	14.3	14.3	•	•	•	21.4	21.4	21.4	18.5	18.5	•	•	21.4	21.4	21.4	1.1/2"	
	•	•	17.2	17.2	•	25.7	18.2	18.2	18.2	•	•	•	25.7	25.7	25.7	22.8	22.8	•	•	26.0	26.0	26.0	N	
	•	•	19.8	19.8	•	25.0	•	•	19.8	•	•	•	30.2	•	30.2	•	•	•	•	30.5	30.5	30.5	21/2	
	•	•	26.0	26.0	•	33.0	•	•	22.6	•	•	•	33.3	•	33.3	•	•	•	•	33.5	33.5	33.5	မ္	
	•	•	26.6	26.6	•	33.0	•	•	'	•	•	•	39.3	•	39.3	•	•	'	•	39.5	39.5	39.5	4	
*	Drain	Cocks		C	heck Va	lves		Globe	e Valves			(Gate Val	ves					Ball	Valves				
10 bar for Gas	833GM, GM LS	1832	1064	1063	1062	1060A	1039	1031	1029	GM63	63	P81M	1070/125	1072	1068	1065	PB100	PB300 YELLOW	PB300 RED/BLUE	PB500 YELLOW	PB500 RED	PB700	Product	
	10	10	8 - 12	8 - 12	25	25	32	32	32*	16	16	16	20	32	20	17.5	25	16*	16	25*	25	40*	P	OPERATIO
	20 Bar - 10°C to 100°C	10 Bar - 0°C to 120°C	0°C to 90°C	0°C to 90°C	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	16 Bar - 10°C to 30°C	16 Bar - 10°C to 30°C	20 Bar - 10°C to 100°C	20 Bar - 10°C to 100°C	32 Bar - 10°C to 100°C	20 Bar - 10°C to 100°C	17.5 Bar - 0°C to 25°C	25 Bar - 10°C to 100°C	16 Bar - 10°C to 30°C	16 Bar - 10°C to 30°C	25 Bar - 10°C to 100°C	25 Bar - 10°C to 100°C	40 Bar - 10°C to 110°C	Non- Shock Pressure @ Temp. Rang	OPERATIONAL LIMITS
	13 Bar at 120°C	10 Bar at 120°C	90°C	90°C	10.5 Bar at 186°C	10.5 Bar at 186°C	14 Bar at 198°C	14 Bar at 198°C	14 Bar at 198°C	5 Bar at 120°C	5 Bar at 120°C	9 Bar at 180°C	9 Bar at 180°C	14 Bar at 198°C	9 Bar at 180°C	17.5 Bar at 93°C	4 Bar at 120°C	5 Bar at 120°C	5 bar at 120°C	16.5 Bar at 150°C	16.5 Bar at 150°C	10 Bar at 180°C	Non- Shock Pressure @ Temp. Range Non- Shock Pressure @ Max. Ra	

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5075 Pegler Maintenance Instrc 1/3/05 9:19 am Page 2

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Table

S.E.P	3/8" 1/2" 3/4" S.E.P S.E.P S.E.P S S.E.P S.E.P S.E.P S	3/8" 1/2" 3/4" S.E.P S.E.P S.E.P S S.E.P S.E.P S.E.P S	3/8" 1/2" 3/4" 1" S.E.P S.E.P S.E.P S.E.P S.E.P S.E.P S.E.P S.E.P	3/8" 1/2" 3/4" 1" 1.1/4" S.E.P S.E.P S.E.P S.E.P Cat 1 S.E.P S.E.P S.E.P S.E.P S.E.P	3/8" 1/2" 3/4" 1" 1.1/4" 1.1/2" 2' S.E.P S.E.P S.E.P S.E.P Cat1 Cat1 Cat2 S.E.P S.E.P
	SEP S	S.E.P S.E.P Cat	S.E.P S.E.P Cat 1 Cat	S.E.P S.E.P Cat 1 Cat 1 Cat S.E.P S.E.P S.	SEP SEP SEP SEP SEP
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