



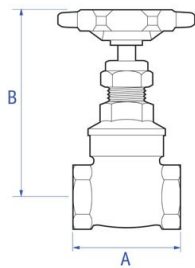
# 1068 Forged Brass Full Bore Gate Valve

Forged brass full way gate valve. BS 5154 PN20 Series B.

## GENERAL INFORMATION

Pattern No. key :Standard Thread = BS21 Taper, AT = American Thread, PT = Parallel Thread

Size	Pattern No.	Pack 1 Qty	Code	Barcode	Discontinued
3/8	1068	0	203006	5022050289605	31/10/2004
1/2	1068	10	203007	5013866014895	
3/4	1068	10	203008	5013866014901	
1	1068	5	203009	5013866014918	
1 1/4	1068	5	203010	5013866014925	
1 1/2	1068	2	203011	5013866014932	
2	1068	2	203012	5013866014949	
2 1/2	1068	1	203013	5013866004292	
3	1068	1	203014	5013866004308	
4	1068	1	203015	5013866004315	
1/2	1068 AT	10	203027	5022050233929	
3/4	1068 AT	10	203028	5022050233967	
1	1068 AT	5	203029	5022050234001	
1 1/4	1068 AT	5	203030	5022050234049	
1 1/2	1068 AT	2	203031	5022050234087	
2	1068 AT	2	203032	5022050234124	
2 1/2	1068 AT	1	203033	5022050233431	
3	1068 AT	1	203034	5022050233493	
4	1068 AT	1	203035	5022050233554	
1/4	1068 PT	10	203045	5013866014956	31/10/2004
3/8	1068 PT	10	203046	5013866014963	31/10/2004
1/2	1068 PT	10	203047	5013866014970	
3/4	1068 PT	10	203048	5013866014987	
1	1068 PT	5	203049	5013866014994	
1 1/4	1068 PT	5	203050	5013866015007	
1 1/2	1068 PT	2	203051	5013866015014	
2	1068 PT	2	203052	5013866015021	
2 1/2	1068 PT	1	203053	5013866004407	
3	1068 PT	1	203054	5013866004414	
4	1068 PT	1	203055	5013866004421	31/10/2004

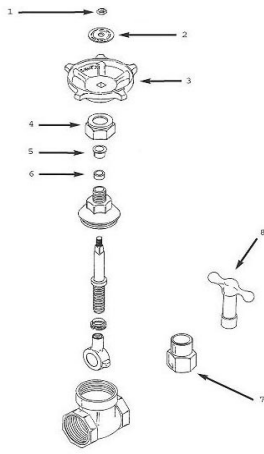


DIMENSIONS (mm)				
Code	Description	A	B	Kg
203006	3/8 1068 BRASS GATE VALVE	43	85	0.22
203007	1/2 1068 BRASS GATE VALVE	52	85	0.32
203008	3/4 1068 BRASS GATE VALVE	56	95	0.46
203009	1 1068 BRASS GATE VALVE	65	110	0.69
203010	1.1/4 1068 BRASS GATE VALVE	73	125	1.03
203011	1.1/2 1068 BRASS GATE VALVE	76	145	1.40
203012	2 1068 BRASS GATE VALVE	90	170	2.28
203013	2.1/2 1068 BRASS GATE VALVE	102	205	3.68
203014	3 1068 BRASS GATE VALVE	114	240	5.42
203015	4 1068 BRASS GATE VALVE	134	290	10.59
203027	1/2 1068 AT BRASS GATE VALVE	52	85	0.32
203028	3/4 1068 AT BRASS GATE VALVE	56	95	0.46
203029	1 1068 AT BRASS GATE VALVE	65	110	0.69
203030	1.1/4 1068 AT BRASS GATE VALVE	73	125	1.03
203031	1.1/2 1068 AT BRASS GATE VALVE	76	145	1.40
203032	2 1068 AT BRASS GATE VALVE	90	170	2.28
203033	2.1/2 1068 AT BRASS GATE VALVE	102	205	3.68
203034	3 1068 AT BRASS GATE VALVE	114	240	5.42
203035	4 1068 AT BRASS GATE VALVE	134	290	10.59
203045	1/4 1068 PT BRASS GATE VALVE	43	85	60
203046	3/8 1068 PT BRASS GATE VALVE	43	85	60
203047	1/2 1068 PT BRASS GATE VALVE	52	85	0.32
203048	3/4 1068 PT BRASS GATE VALVE	56	95	0.46
203049	1 1068 PT BRASS GATE VALVE	65	110	0.69
203050	1.1/4 1068 PT BRASS GATE VALVE	73	125	1.03
203051	1.1/2 1068 PT BRASS GATE VALVE	76	145	1.40
203052	2 1068 PT BRASS GATE VALVE	90	170	2.28
203053	2.1/2 1068 PT BRASS GATE VALVE	102	205	3.68
203054	3 1068 PT BRASS GATE VALVE	114	240	5.42
203055	4 1068 PT BRASS GATE VALVE	134	290	155

PRESSURE & TEMPERATURE			
1068 Forged Brass Full Bore Gate Valve	Minimum Operating Pressure (bar)	Maximum Cold Working Pressure (bar)	Maximum Hot Working Pressure (bar)
1.1/2 1068 BRASS GATE VALVE	No Minimum Operating Pressure	20.0 bar at temperatures up to 100oC	9 bar at temperatures up to 180oC

MATERIAL SPECIFICATIONS		
Number	Component	Material
1	Body	Forged Brass (1/4" to 2") Gravity Die Cast Brass (2.1/2" to 4")
2	Bonnet	Forged Brass (1/4" to 3") Gravity Die cast Brass (4")
3	Stem	Brass Bar
4	Wedge	Forged Brass (1/4" to 2.1/2") Gravity Die Cast Brass (3 & 4")
5	Stem Ring	Brass Bar
6	Gland	Brass Bar
7	Gland Nut	Brass Bar (1/4" to 1") Forged Brass (1.1/4" to 4")
8	Handwheel	Aluminium
9	Handwheel Nut	Brass Bar
10	Gland Packing	PTFE
11	Rating Disc	Aluminium

**SPARES**



1					
Pattern / Size	Description	Code	Barcode	Date From	Date To
1068 / 3/8	WN1 HANDWHEEL NUT BRASS (M5)	850481	5013866060977	01/01/1900	current
1068 / 1/2	WN1 HANDWHEEL NUT BRASS (M5)	850481	5013866060977	01/01/1900	current
1068 / 3/4	WN1 HANDWHEEL NUT BRASS (M5)	850481	5013866060977	01/01/1900	current
1068 / 1	WN2 HANDWHEEL NUT BRASS (M6)	850482	5013866060984	01/01/1900	current
1068 / 1.1/4	WN2 HANDWHEEL NUT BRASS (M6)	850482	5013866060984	01/01/1900	current
1068 / 1.1/2	WN2 HANDWHEEL NUT BRASS (M6)	850482	5013866060984	01/01/1900	current
1068 / 2	WN2 HANDWHEEL NUT BRASS (M6)	850482	5013866060984	01/01/1900	current
1068 / 2.1/2	WN14 HANDWHEEL NUT BRASS (M8)	850512	5013866061141	01/09/1999	current
1068 / 2.1/2	WN3 HANDWHEEL NUT BRASS (5/16 UNC)	851411	5013866063923	01/01/1990	31/08/1999
1068 / 3	WN15 HANDWHEEL NUT BRASS (M10)	850724	5013866061929	01/09/1999	current
1068 / 3	WN4 HANDWHEEL NUT BRASS (3/8 UNC)	851412	5013866063930	01/01/1990	31/08/1999
1068 / 4	WN4 HANDWHEEL NUT BRASS (3/8 UNC)	851412	5013866063930	01/01/1990	31/08/1999
1068 / 4	WN15 HANDWHEEL NUT BRASS (M10)	850724	5013866061929	01/09/1999	current
1068 PT / 1/4	WN1 HANDWHEEL NUT BRASS (M5)	850481	5013866060977	01/01/1900	current
1068 PT / 3/8	WN1 HANDWHEEL NUT BRASS (M5)	850481	5013866060977	01/01/1900	current
1068 PT / 1/2	WN1 HANDWHEEL NUT BRASS (M5)	850481	5013866060977	01/01/1900	current
1068 PT / 3/4	WN1 HANDWHEEL NUT BRASS (M5)	850481	5013866060977	01/01/1900	current
1068 PT / 1	WN2 HANDWHEEL NUT BRASS (M6)	850482	5013866060984	01/01/1900	current
1068 PT / 1.1/4	WN2 HANDWHEEL NUT BRASS (M6)	850482	5013866060984	01/01/1900	current
1068 PT / 1.1/2	WN2 HANDWHEEL NUT BRASS (M6)	850482	5013866060984	01/01/1900	current
1068 PT / 2	WN14 HANDWHEEL NUT BRASS (M8)	850512	5013866061141	01/09/1999	current
1068 PT / 2	WN3 HANDWHEEL NUT BRASS (5/16 UNC)	851411	5013866063923	01/01/1990	31/08/1999
1068 PT / 2.1/2	WN3 HANDWHEEL NUT BRASS (5/16 UNC)	851411	5013866063923	01/01/1990	31/08/1999
1068 PT / 2.1/2	WN14 HANDWHEEL NUT BRASS (M8)	850512	5013866061141	01/09/1999	current
1068 PT / 3	WN4 HANDWHEEL NUT BRASS (3/8 UNC)	851412	5013866063930	01/01/1990	31/08/1999
1068 PT / 3	WN15 HANDWHEEL NUT BRASS (M10)	850724	5013866061929	01/09/1999	current
1068 PT / 4	WN4 HANDWHEEL NUT BRASS (3/8 UNC)	851412	5013866063930	01/01/1990	31/08/1999
1068 PT / 4	WN15 HANDWHEEL NUT BRASS (M10)	850724	5013866061929	01/09/1999	current

2					
Pattern / Size	Description	Code	Barcode	Date From	Date To
1068 / 3/8	RATING DISC 1068 - SIZE 1	850423	5013866060564	01/01/1900	current
1068 / 1/2	RATING DISC 1068 - SIZE 1	850423	5013866060564	01/01/1900	current
1068 / 3/4	RATING DISC 1068 - SIZE 1	850423	5013866060564	01/01/1900	current
1068 / 1	RATING DISC 1068 - SIZE 1	850423	5013866060564	01/01/1900	current
1068 / 1.1/4	RATING DISC 1068 - SIZE 1	850423	5013866060564	01/01/1900	current
1068 / 1.1/2	RATING DISC 1068 - SIZE 1	850423	5013866060564	01/01/1900	current
1068 / 2	RATING DISC 1068 - SIZE 1	850423	5013866060564	01/01/1900	current
1068 / 2.1/2	RATING DISC 1068 - SIZE 2	850424	5013866060571	01/01/1900	current
1068 / 3	RATING DISC 1068 - SIZE 3	850425	5013866060588	01/01/1900	current
1068 / 4	RATING DISC 1068 - SIZE 3	850425	5013866060588	01/01/1900	current
1068 PT / 1/4	RATING DISC 1068 - SIZE 1	850423	5013866060564	01/01/1900	current
1068 PT / 3/8	RATING DISC 1068 - SIZE 1	850423	5013866060564	01/01/1900	current
1068 PT / 1/2	RATING DISC 1068 - SIZE 1	850423	5013866060564	01/01/1900	current
1068 PT / 3/4	RATING DISC 1068 - SIZE 1	850423	5013866060564	01/01/1900	current
1068 PT / 1	RATING DISC 1068 - SIZE 1	850423	5013866060564	01/01/1900	current
1068 PT / 1.1/4	RATING DISC 1068 - SIZE 1	850423	5013866060564	01/01/1900	current
1068 PT / 1.1/2	RATING DISC 1068 - SIZE 1	850423	5013866060564	01/01/1900	current
1068 PT / 2	RATING DISC 1068 - SIZE 2	850424	5013866060571	01/01/1900	current
1068 PT / 2.1/2	RATING DISC 1068 - SIZE 2	850424	5013866060571	01/01/1900	current
1068 PT / 3	RATING DISC 1068 - SIZE 3	850425	5013866060588	01/01/1900	current
1068 PT / 4	RATING DISC 1068 - SIZE 3	850425	5013866060588	01/01/1900	current

3					
Pattern / Size	Description	Code	Barcode	Date From	Date To
1068 / 3/8	W1 HANDWHEEL (RED)	850100	5013866059513	01/01/1900	current
1068 / 1/2	W1 HANDWHEEL (RED)	850100	5013866059513	01/01/1900	current
1068 / 3/4	W1 HANDWHEEL (RED)	850100	5013866059513	01/01/1900	current
1068 / 1	W3 HANDWHEEL (RED)	850101	5013866059520	01/01/1900	current
1068 / 1.1/4	W4 HANDWHEEL (RED)	850102	5013866059537	01/01/1900	current
1068 / 1.1/2	W6 HANDWHEEL (RED)	850104	5013866059551	01/01/1900	current
1068 / 2	W7 HANDWHEEL (RED)	850105	5013866059568	01/01/1900	current
1068 / 2.1/2	W8 HANDWHEEL (RED)	850106	5013866059575	01/01/1900	current
1068 / 3	W10 HANDWHEEL (RED)	850107	5013866059582	01/01/1900	current
1068 / 4	W10 HANDWHEEL (RED)	850107	5013866059582	01/01/1900	current
1068 PT / 1/4	W1 HANDWHEEL (RED)	850100	5013866059513	01/01/1900	current
1068 PT / 3/8	W1 HANDWHEEL (RED)	850100	5013866059513	01/01/1900	current
1068 PT / 1/2	W1 HANDWHEEL (RED)	850100	5013866059513	01/01/1900	current
1068 PT / 3/4	W1 HANDWHEEL (RED)	850100	5013866059513	01/01/1900	current
1068 PT / 1	W3 HANDWHEEL (RED)	850101	5013866059520	01/01/1900	current
1068 PT / 1.1/4	W4 HANDWHEEL (RED)	850102	5013866059537	01/01/1900	current
1068 PT / 1.1/2	W6 HANDWHEEL (RED)	850104	5013866059551	01/01/1900	current
1068 PT / 2	W8 HANDWHEEL (RED)	850106	5013866059575	01/01/1900	current
1068 PT / 2.1/2	W8 HANDWHEEL (RED)	850106	5013866059575	01/01/1900	current
1068 PT / 3	W10 HANDWHEEL (RED)	850107	5013866059582	01/01/1900	current
1068 PT / 4	W10 HANDWHEEL (RED)	850107	5013866059582	01/01/1900	current

4					
Pattern / Size	Description	Code	Barcode	Date From	Date To
1068 / 3/8	GN1 GLAND NUT	850310	5013866059889	01/01/1900	current
1068 / 1/2	GN11 GLAND NUT	851338	5013866063916	01/01/1900	current
1068 / 3/4	GN11 GLAND NUT	851338	5013866063916	01/01/1900	current
1068 / 1	GN8 GLAND NUT	850312	5013866059902	01/01/1900	current
1068 / 1.1/4	GN9 GLAND NUT	850313	5013866059919	01/01/1900	current
1068 / 1.1/2	GN10 GLAND NUT	850314	5013866059926	01/01/1900	current
1068 / 2	GN12 GLAND NUT	850315	5013866059933	01/01/1900	current
1068 / 2.1/2	GN13 GLAND NUT	851150	5013866063893	01/01/1900	current
1068 / 3	GN15 GLAND NUT	850317	5013866059940	01/01/1900	current
1068 / 4	GN23 GLAND NUT	851029	5013866063862	01/01/1900	current
1068 PT / 1/4	GN1 GLAND NUT	850310	5013866059889	01/01/1900	current
1068 PT / 3/8	GN1 GLAND NUT	850310	5013866059889	01/01/1900	current
1068 PT / 1/2	GN11 GLAND NUT	851338	5013866063916	01/01/1900	current
1068 PT / 3/4	GN11 GLAND NUT	851338	5013866063916	01/01/1900	current
1068 PT / 1	GN8 GLAND NUT	850312	5013866059902	01/01/1900	current
1068 PT / 1.1/4	GN9 GLAND NUT	850313	5013866059919	01/01/1900	current
1068 PT / 1.1/2	GN10 GLAND NUT	850314	5013866059926	01/01/1900	current
1068 PT / 2	GN13 GLAND NUT	851150	5013866063893	01/01/1900	current
1068 PT / 2.1/2	GN13 GLAND NUT	851150	5013866063893	01/01/1900	current
1068 PT / 3	GN15 GLAND NUT	850317	5013866059940	01/01/1900	current
1068 PT / 4	GN23 GLAND NUT	851029	5013866063862	01/01/1900	current

5					
Pattern / Size	Description	Code	Barcode	Date From	Date To
1068 / 3/8	G1 GLAND	855236	5013866065163	01/01/1900	current
1068 / 1/2	G16 GLAND	850485	5013866061011	01/01/1900	current
1068 / 3/4	G16 GLAND	850485	5013866061011	01/01/1900	current
1068 / 1	G17 GLAND	850486	5013866061028	01/01/1900	current
1068 / 1.1/4	G18 GLAND	815202	5013866057274	01/01/1900	current
1068 / 1.1/2	G19 GLAND	850487	5013866061035	01/01/1900	current
1068 / 2	G20 GLAND	850488	5013866061042	01/01/1900	current
1068 / 2.1/2	G21 GLAND	850489	5013866061059	01/01/1900	current
1068 / 3	G22 GLAND	850490	5013866061066	01/01/1900	current
1068 / 4	G15 GLAND	850369	5013866060274	01/01/1900	current
1068 PT / 1/4	G1 GLAND	855236	5013866065163	01/01/1900	current
1068 PT / 3/8	G1 GLAND	855236	5013866065163	01/01/1900	current
1068 PT / 1/2	G16 GLAND	850485	5013866061011	01/01/1900	current
1068 PT / 3/4	G16 GLAND	850485	5013866061011	01/01/1900	current
1068 PT / 1	G17 GLAND	850486	5013866061028	01/01/1900	current
1068 PT / 1.1/4	G18 GLAND	815202	5013866057274	01/01/1900	current
1068 PT / 1.1/2	G19 GLAND	850487	5013866061035	01/01/1900	current
1068 PT / 2	G21 GLAND	850489	5013866061059	01/01/1900	current
1068 PT / 2.1/2	G21 GLAND	850489	5013866061059	01/01/1900	current
1068 PT / 3	G22 GLAND	850490	5013866061066	01/01/1900	current
1068 PT / 4	G15 GLAND	850369	5013866060274	01/01/1900	current

6					
Pattern / Size	Description	Code	Barcode	Date From	Date To
1068 / 3/8	GP2 GLAND PACKING	855248	5013866065217	01/01/1900	current
1068 / 1/2	GP12 GLAND PACKING	850327	5013866060021	01/01/1900	current
1068 / 3/4	GP12 GLAND PACKING	850327	5013866060021	01/01/1900	current
1068 / 1	GP8 GLAND PACKING	855241	5013866065187	01/01/1900	current
1068 / 1.1/4	GP10 GLAND PACKING	850325	5013866060007	01/01/1900	current
1068 / 1.1/2	GP9 GLAND PACKING	855247	5013866065200	01/01/1900	current
1068 / 2	GP16 GLAND PACKING	855245	5013866065194	01/01/1900	current
1068 / 2.1/2	GP17 GLAND PACKING	850331	5013866060069	01/01/1900	current
1068 / 3	GP18 GLAND PACKING	851907	5013866063954	01/01/1900	current
1068 / 4	GP19 GLAND PACKING	850332	5013866060076	01/01/1900	current
1068 PT / 1/4	GP2 GLAND PACKING	855248	5013866065217	01/01/1900	current
1068 PT / 3/8	GP2 GLAND PACKING	855248	5013866065217	01/01/1900	current
1068 PT / 1/2	GP12 GLAND PACKING	850327	5013866060021	01/01/1900	current
1068 PT / 3/4	GP12 GLAND PACKING	850327	5013866060021	01/01/1900	current
1068 PT / 1	GP8 GLAND PACKING	855241	5013866065187	01/01/1900	current
1068 PT / 1.1/4	GP10 GLAND PACKING	850325	5013866060007	01/01/1900	current
1068 PT / 1.1/2	GP9 GLAND PACKING	855247	5013866065200	01/01/1900	current
1068 PT / 2	GP17 GLAND PACKING	850331	5013866060069	01/01/1900	current
1068 PT / 2.1/2	GP17 GLAND PACKING	850331	5013866060069	01/01/1900	current
1068 PT / 3	GP18 GLAND PACKING	851907	5013866063954	01/01/1900	current
1068 PT / 4	GP19 GLAND PACKING	850332	5013866060076	01/01/1900	current

7					
Pattern / Size	Description	Code	Barcode	Date From	Date To
1068 / 1/2	LS6 LOCKSHIELD	855238	5013866065170	01/01/1900	current
1068 / 3/4	LS6 LOCKSHIELD	855238	5013866065170	01/01/1900	current
1068 / 1	LS3 LOCKSHIELD	850152	5013866059681	01/01/1900	current
1068 / 1.1/4	LS9 LOCKSHIELD	815201	5013866057267	01/01/1900	current
1068 / 1.1/2	LS13 LOCKSHIELD	850416	5013866060502	01/01/1900	current
1068 / 2	LS14 LOCKSHIELD	850367	5013866060250	01/01/1900	current
1068 PT / 1/2	LS6 LOCKSHIELD	855238	5013866065170	01/01/1900	current
1068 PT / 3/4	LS6 LOCKSHIELD	855238	5013866065170	01/01/1900	current
1068 PT / 1	LS3 LOCKSHIELD	850152	5013866059681	01/01/1900	current
1068 PT / 1.1/4	LS9 LOCKSHIELD	815201	5013866057267	01/01/1900	current
1068 PT / 1.1/2	LS13 LOCKSHIELD	850416	5013866060502	01/01/1900	current

8					
Pattern / Size	Description	Code	Barcode	Date From	Date To
1068 / 1/2	K9 LOCKSHIELD KEY	850139	5013866059650	01/01/1900	current
1068 / 3/4	K9 LOCKSHIELD KEY	850139	5013866059650	01/01/1900	current
1068 / 1	K2 LOCKSHIELD KEY	817020	5013866058448	01/01/1900	current
1068 / 1.1/4	K3 LOCKSHIELD KEY	850132	5013866059612	01/01/1900	current
1068 / 1.1/2	K5 LOCKSHIELD KEY	850134	5013866059629	01/01/1900	current
1068 / 2	K6 LOCKSHIELD KEY	850135	5013866059636	01/01/1900	current
1068 PT / 1/2	K9 LOCKSHIELD KEY	850139	5013866059650	01/01/1900	current
1068 PT / 3/4	K9 LOCKSHIELD KEY	850139	5013866059650	01/01/1900	current
1068 PT / 1	K2 LOCKSHIELD KEY	817020	5013866058448	01/01/1900	current
1068 PT / 1.1/4	K3 LOCKSHIELD KEY	850132	5013866059612	01/01/1900	current
1068 PT / 1.1/2	K5 LOCKSHIELD KEY	850134	5013866059629	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.



[WRAS 1068](#)





**VALVE SUITABILITY**

Product	Steam	Water	Oil	Air	Gas Inert	Gas Condensable	Gas Corrosive	Gas Oxygen
P8700	✓	✓	✓	✓	✓	✓	✓	X
P8500 RED	✓	✓	✓	✓	X	X	X	X
P8500 YELLOW	✓	✓	✓	✓	✓	✓	✓	X
P8300 RED/BLUE	✓	✓	✓	✓	X	X	X	X
P8300 YELLOW	✓	✓	✓	✓	✓	✓	✓	X
P8100	X	✓	✓	✓	X	X	X	X
1065	X	✓	✓	✓	X	X	X	X
1068	✓	✓	✓	✓	X	X	X	X
1072	✓	✓	✓	✓	X	X	X	X
1070/125	✓	✓	✓	✓	X	X	X	X
P81M	✓	✓	✓	✓	X	X	X	X
63	X	✓	✓	✓	X	X	X	X
GMS3	X	✓	✓	✓	X	X	X	X
1029	✓	✓	✓	✓	✓	✓	✓	X
1031	✓	✓	✓	✓	X	X	X	X
1039	✓	✓	✓	✓	X	X	X	X
1060A	✓	✓	✓	✓	X	X	X	X
1062	✓	✓	✓	✓	X	X	X	X
1063	X	✓	✓	✓	X	X	X	X
1064	X	✓	✓	✓	X	X	X	X
1832	X	✓	✓	✓	X	X	X	X
833GM, GM LS	X	✓	✓	✓	X	X	X	X

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

**Thread Depths (mm)**

Product	1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"	2.1/2"	3"	4"
P8700	11.5	11.9	15.4	16.7	19.4	21.7	21.4	26.0	30.5	33.5	39.5
P8500 RED	11.5	11.9	15.4	16.7	19.4	21.7	21.4	26.0	30.5	33.5	39.5
P8500 YELLOW	11.5	11.9	15.4	16.7	19.4	21.7	21.4	26.0	30.5	33.5	39.5
P8300 RED/BLUE	-	-	-	-	-	-	-	-	-	-	-
P8300 YELLOW	-	-	-	-	-	-	-	-	-	-	-
P8100	-	-	12.7	14.0	16.2	18.5	18.5	22.8	-	-	-
1065	-	-	12.7	14.0	16.1	18.5	18.5	22.8	-	-	-
1068	-	-	15.0	16.3	19.1	21.4	21.4	25.7	30.2	33.3	39.3
1072	-	-	15.0	16.3	19.1	21.4	21.4	25.7	-	-	-
1070/125	11.4	11.4	15.0	16.3	19.1	21.4	21.4	25.7	30.2	33.3	39.3
P81M	-	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-	-
GMS3	-	-	-	-	-	-	-	-	-	-	-
1029	7.5	7.9	9.9	11.1	12.3	14.3	14.3	18.2	19.8	22.6	-
1031	-	-	9.9	11.1	12.3	14.3	14.3	18.2	-	-	-
1039	-	-	9.9	11.1	12.3	14.3	14.3	18.2	-	-	-
1060A	-	-	15.0	16.3	19.1	21.4	21.4	25.7	25.0	33.0	33.0
1062	-	-	15.9	16.7	19.0	-	-	-	-	-	-
1063	-	10.3	12.8	14.2	15.0	15.2	16.4	17.2	19.8	26.0	26.6
1064	-	10.3	12.8	14.2	15.0	15.2	16.4	17.2	19.8	26.0	26.6
1832	-	-	-	-	-	-	-	-	-	-	-
833GM, GM LS	-	-	-	-	-	-	-	-	-	-	-

**OPERATIONAL LIMITS**

Product	PN	Non-Shock Pressure @ Temp. Range	Non-Shock Pressure @ Max. Range
P8700	40*	40 Bar - 10°C to 110°C	10 Bar at 180°C
P8500 RED	25	25 Bar - 10°C to 100°C	16.5 Bar at 150°C
P8500 YELLOW	25*	25 Bar - 10°C to 100°C	16.5 Bar at 150°C
P8300 RED/BLUE	16	16 Bar - 10°C to 30°C	5 Bar at 120°C
P8300 YELLOW	16*	16 Bar - 10°C to 30°C	5 Bar at 120°C
P8100	25	25 Bar - 10°C to 100°C	4 Bar at 120°C
1065	17.5	17.5 Bar - 0°C to 25°C	17.5 Bar at 93°C
1068	20	20 Bar - 10°C to 100°C	9 Bar at 180°C
1072	32	32 Bar - 10°C to 100°C	14 Bar at 198°C
1070/125	20	20 Bar - 10°C to 100°C	9 Bar at 180°C
P81M	16	20 Bar - 10°C to 100°C	9 Bar at 180°C
63	16	16 Bar - 10°C to 30°C	5 Bar at 120°C
GMS3	16	16 Bar - 10°C to 30°C	5 Bar at 120°C
1029	32*	32 Bar - 10°C to 100°C	14 Bar at 198°C
1031	32	32 Bar - 10°C to 100°C	14 Bar at 198°C
1039	32	32 Bar - 10°C to 100°C	14 Bar at 198°C
1060A	25	25 Bar - 10°C to 100°C	10.5 Bar at 186°C
1062	25	25 Bar - 10°C to 100°C	10.5 Bar at 186°C
1063	8 - 12	0°C to 90°C	90°C
1064	8 - 12	0°C to 90°C	90°C
1832	10	10 Bar - 0°C to 120°C	10 Bar at 120°C
833GM, GM LS	10	20 Bar - 10°C to 100°C	13 Bar at 120°C

\* 10 bar for Gas

**PED Categorisation Table**

Product	1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"	2.1/2"	3"	4"
P8700	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	Cat 1	Cat 1	Cat 1	Cat 1	Cat 1	Cat 1
P8500 RED	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P
P8500 YELLOW	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	Cat 1	Cat 1	Cat 1	Cat 1	Cat 1	Cat 1
P8300 RED/BLUE	-	-	-	-	-	-	-	-	-	-	-
P8300 YELLOW	-	-	-	-	-	-	-	-	-	-	-
P8100	-	-	-	-	-	-	-	-	-	-	-
1065	-	-	-	-	-	-	-	-	-	-	-
1068	-	-	-	-	-	-	-	-	-	-	-
1072	-	-	-	-	-	-	-	-	-	-	-
1070/125	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P
P81M	-	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-	-
GMS3	-	-	-	-	-	-	-	-	-	-	-
1029	S.E.P	S.E.P	S.E.P	S.E.P	S.E.P	Cat 1	Cat 1	Cat 1	Cat 2	Cat 2	-
1031	-	-	-	-	-	-	-	-	-	-	-
1039	-	-	-	-	-	-	-	-	-	-	-
1060A	-	-	-	-	-	-	-	-	-	-	-
1062	-	-	-	-	-	-	-	-	-	-	-
1063	-	-	-	-	-	-	-	-	-	-	-
1064	-	-	-	-	-	-	-	-	-	-	-
1832	-	-	-	-	-	-	-	-	-	-	-
833GM, GM LS	-	-	-	-	-	-	-	-	-	-	-

Category 1 and Category 2 carry the CE mark