

Pegler Valve

Float valve bronze seat, BS 1212 part 2, high pressure

858B Float valve

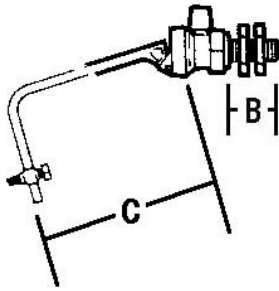


General Information

Size	Pattern No.	Pack 1 Qty	Pack 2 Qty	Code	Barcode	Price (£) each ex VAT
1/2"	858B	5	0	516037	5013866016813	Disc(Out Stock) Discontinued 03/07/2021

[Float & Float Valve Matrix Information download](#)

858B Float valve



Dimensions

Code Description A B C

Pegler Yorkshire reserve the right to change specifications

Pressure and Temperature

Description	Minimum Operating Pressure (bar)	Maximum Cold Working Pressure (bar)	Maximum Hot Working Pressure (bar)
858B Float valve	No Minimum Operating Pressure	14.0 bar at temperatures up to 85oC	Not Suitable for Maximum Hot Working Pressure

Care and Maintenance

Care

No regular aesthetic care is required for this product

Maintenance

No regular maintenance is required for this product.

For any further help please contact the Service Support Team on: 0800 1560050.

Regulations

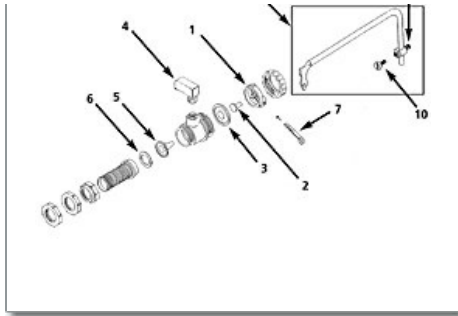
Regulations

It is important to ensure that the water supplies to your fittings are connected in accordance with the water regulations (WRAS) requirements and good plumbing practice.

This product has been designed in accordance with BS1212 part 2 standard.

858B Float valve

Spare Key	Description	Code	Barcode	Date From	Date To	Price (£) ex VAT
1						
1	BP3 BACKPLATE (NYLON)	816017	5013866057434	01/01/1900	08/03/2022	£0.00



Spare Key	Description	Code	Barcode	Date From	Date To	Price (£) ex VAT
1	BP3 BACKPLATE (NYLON)	816017	5013866057434	01/01/1900	08/03/2022	£0.00
2						
2	PLN1 PLUNGER (DZR)	816257	5013866058356	01/01/1900	08/03/2022	£0.00
2	PLN1 PLUNGER (DZR)	816257	5013866058356	01/01/1900	08/03/2022	£0.00
3						
3	DM3 DIAPHRAGM (RUBBER)	816250	5013866058332	01/01/1900	To Current	£3.38
3	DM3 DIAPHRAGM (RUBBER)	816250	5013866058332	01/01/1900	To Current	£3.38
4						
4	FO1 FILLING OUTLET	816249	5013866058325	01/01/1900	08/03/2022	£0.00
4	FO1 FILLING OUTLET	816249	5013866058325	01/01/1900	08/03/2022	£0.00
5						
5	ST5 FLOATVALVE SEAT - BRONZE (1/8)	816030	5013866057496	01/01/1900	08/03/2022	£0.00
5	ST5 FLOATVALVE SEAT - BRONZE (1/8)	816030	5013866057496	01/01/1900	08/03/2022	£0.00
6						
6	SW17 SEAT WASHER	816090	5013866057649	01/01/1900	08/03/2022	£0.00
6	SW17 SEAT WASHER	816090	5013866057649	01/01/1900	08/03/2022	£0.00
7						
7	CTP2 SPLIT COTTER PIN	816256	5013866058349	01/01/1900	To Current	£3.01
7	CTP2 SPLIT COTTER PIN	816256	5013866058349	01/01/1900	To Current	£3.01
8						
8	LA7 FLOATVALVE LEVER ARM ASSEMBLY	816070	5013866057595	01/01/1900	08/03/2022	£0.00
8	LA7 FLOATVALVE LEVER ARM ASSEMBLY	816070	5013866057595	01/01/1900	08/03/2022	£0.00



FLOW RATE & SIZE SELECTION CHART (GPM)

	Static Pressure		BS 1212 PART 1 Seat Bore Size			
	PSI	Feet	1/8"	3/16"	1/4"	3/8"
LOW PRESSURE	0.5	1.15	0.18	0.41	0.55	0.71
	1.0	2.30	0.25	0.58	0.78	1.00
	2.0	4.60	0.35	0.82	1.10	1.40
	4.0	9.20	0.50	1.16	1.56	2.00
	7.0	16.10	0.66	1.53	2.02	2.60
	10.0	23.10	0.79	1.83	2.46	3.20
	15.0	34.60	0.97	2.25	3.00	3.87
	20.0	46.20	1.12	2.60	3.49	4.47
	25.0	57.70	1.25	2.90	3.90	5.00
	30.0	69.30	1.34	3.17	4.27	5.48
35.0	80.80	1.48	3.43	4.61	5.90	
40.0	92.40	1.58	3.67	4.93	6.30	
MEDIUM PRESSURE	50.0	115.00	1.77	4.10	5.50	7.10
	60.0	138.00	1.94	4.50	6.00	7.74
	70.0	161.00	2.10	4.85	6.50	8.30
	80.0	184.00	2.24	5.20	6.98	8.90
	90.0	207.00	2.37	5.50	7.40	9.50
	100.0	231.00	2.50	5.80	7.80	10.00
HIGH PRESSURE	110.0	254.00	2.62	6.08	8.20	10.50
	125.0	289.00	2.79	6.48	8.70	11.20
	150.0	346.00	3.06	7.10	9.50	12.20
	175.0	404.00	3.30	7.67	10.30	13.20
	200.0	462.00	3.53	8.20	11.00	14.10

Flow Rate and Size Selection Chart general Notes:
 The discharge through a floatvalve is governed by the running pressure maintained at its inlet. In practice this is difficult to measure and so the tables shown indicate the 'estimated' flow rate in G.P.M. that will occur at various static heads for each size of floatvalve or for each size of seat in floatvalves that accept a variety of seat sizes. The flow rates quoted will only occur when the floatvalve is fully open and will reduce as the water level in the tank rises. Excessive pipe runs to the floatvalve will result in lower running pressures and thus reduced flow rates.



RANGE											
		Patt. No.	Size	Diaphragm Material	Backnut Material	Seat Bore	Tail Length	Lever Length	Recommended Float Size		Weight Approx kg
									Copper	Plastic	
HIGH PRESSURE	NYLON SEAT	858 N	1/2"	Rubber	Brass	No. 3 (1/8")	1 1/4"	8 3/4"	4 1/2" x 5/16"W	4 1/2" x 5/16"W	0.45
		858 N-Z	1/2"	Rubber	Nylon	No. 3 (1/8")	1 1/4"	8 3/4"	4 1/2" x 5/16"W	4 1/2" x 5/16"W	0.40
		858 N-V	1/2"	Rubber	Brass	No. 3 (1/8")	1 7/8"	8 3/4"	4 1/2" x 5/16"W	4 1/2" x 5/16"W	0.47
		858 N	3/4"	Rubber	Brass	No. 6 (1/4")	1 1/2"	8 3/4"	6" x 5/16"W	6" x 5/16"W	0.52
	BRONZE SEAT	858 B	1/2"	Rubber	Brass	No. 3 (1/8")	1 1/4"	8 3/4"	4 1/2" x 5/16"W	4 1/2" x 5/16"W	0.47
		858 B-V	1/2"	Rubber	Brass	No. 3 (1/8")	1 7/8"	8 3/4"	4 1/2" x 5/16"W	4 1/2" x 5/16"W	0.49
LOW PRESSURE	NYLON SEAT	860 N	1/2"	Rubber	Brass	No. 9 (3/8")	1 1/4"	8 3/4"	4 1/2" x 5/16"W	4 1/2" x 5/16"W	0.54

Note: It is normal practice to consider the 858 as a high pressure floatvalve and the 860 as a low pressure. It is, however, possible to use a low pressure valve at high pressures provided an appropriate float is used to ensure shut off at the higher pressure. Similarly, a high pressure valve can be used at low pressures provided the resulting lower flow rates are acceptable. Where two seat size options exist for different sizes of floatvalve, select the smaller size of floatvalve if the flow rate through the seat is more than 5% in excess of the flow required.