

Item Num	Quantit	Part Name	Revisio	Material	Overall Size	Comment
1	1	Base		Steel - cold-dra	3 x 50 x 60 long	Alternatives Brass or Aluminium
2	1	V Standard		Brass	12 x 50 x 80 long	Aluminium if Display only, Bronze If Working Engi
3	1	Bearing Block		Brass	10 x 16 x 24 long	Aluminium if Display only, Bronze If Working Engi
4	1	Crank Disc		Cast Iron	25mm Diameter x 10	Alternative Steel
5	1	Crank Shaft		PGMS	6 Diameter x 75 Long	PGMS = Precision Ground Mild Steel
6	1	Crank Pin		Silver Steel	3 Diameter x 16 Long	
7	1	Flywheel		Cast Iron	40 Diameter x 12 Lon	Alternative Steel
8	2	Flywheel Pin		Silver Steel	3 Diameter x 15 Long	
9	1	Cylinder 1		Cast Iron	35 Diameter x 25 Lon	Alternative Bronze
10	1	Cylinder 2		Cast Iron	35 Diameter x 25 Lon	Alternative Bronze
11	2	Top cover		Cast Iron	20 Diameter x 2.75 L	Alternative Bronze
12	2	bottom cover		Cast Iron	20 Diameter x 8.75 L	Alternative Bronze
13	2	Gland Nut		Brass	8 Hex x 6 Long	
14	2	Piston		Brass	12 Diameter x 5 long	Alternative Bronze
15	2	Piston Rod		Stainless Steel	3 Diameter x 37.5 Lo	
16	2	Big End		Brass	8 x 8 x 9 Long	Alternative Bronze
17	3	Cylinder pivot		Stainless Steel	3 diameter x 30 Long	
18	1	Reverser Pivot		Stainless Steel	3 diameter x 25 Long	
19	1	Reverser		Brass	16 Diameter x 6 Long	Alternative Bronze
20	1	Reverser lever		Brass	6 x 1.5 x 25 Long	
21	2	Spring Seat		Brass	6 Diameter x 2 Long	
22	3	Spring Adjuster		Brass	8 Hex x 2.5 Long	
23	3	Spring lock nut		Brass	6 Hex x 2 Long	
24	3	Spring		Stainless Steel	0.5 Wire, 6 OD x 12 L	
25	12	Cylinder Cover Nuts		Stainless Steel	M2 Nut	
26	12	Cylinder cover stud		Stainless Steel	2 Diameter x 7.5 Lon	
27	4	Standard & Bearing Scr		Steel	M3 Csk x 10 Long	
28	1	Flywheel Grub Screw		Steel	M3 x 5 Long	
29	2	O Ring		Viton	2.4 CS x 7.6 ID	
30	2	Cylinder Cladding		Copper	22mm OD x 25 Long	Domestic plumbing tube or any other suitable tube
31						
32						

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33						
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38		Shoping List For barsto				
39						
40	1	3 x 50 x 300		Steel Flat		Base
41	1	1/2" x 2" x 4"		Brass Flat		Standard, Bearing, Pistons, Reverser parts, Big E
42	1	35 Dia x 75 Long		Cast Iron Roun		Cylinders
43	1	25 Dia x 75 Long		Cast Iron Roun		Cylinder Covers, Crank Disc
44	1	40 Dia x 25 Long		Cast Iron Roun		Flywheel
45	1	3 Dia x 300 Long		Stainless Steel		Piston Rods, Cylinder Pivots, Reverser Pivot
46	1	6 Dia x 300 Long		Precision Grou		Crank Shaft
47	1	3 Dia x 330 Long		Silver Steel		Flywheel Pins, Crank Pin
48	1	8 Hex x 300 Long		Hexagon Brass		Spting nuts, washers & Locknuts, Gland Nuts
49	1	2 Dia x 300 Long		Mild Steel Roun		Cylinder Cover Studs
50						