



ANNEXURE-Y80350 FOR FLAT SEAT FULL BORE GLOBE Valve

Grinding and Lapping Machine
TYPE GHF-Y80350 size 80mm dia to 350mm dia





You can do lapping of 2 valves of different size in this range.





Operative Range:

PORTABLE Globe & Safety Valve Grinding & Lapping Machine for the refurbishing on site (In Situ) of:

- sealing surfaces [body seat ring] in Globe Valves of various makes & size
- flanges

Design:

- modern construction, handy, light, and robust
- one-man-operation!
- suitable for on-site service as well as for overhaul in the workshop
- machine, tools, and accessories are corrosion-protected by chrome plated of surface

Working Range: TYPE GHF-Y80350 Size 80mm dia to 350mm dia FLUIDCHEM will supply 2 assembly machines

No.1 15mm shafting assembly machine with SUBMERGABLE DEPTH OF 350mm With base plate to mount on Globe valve Body bonnet

No.1 20mm shafting assembly machine with SUBMERGABLE DEPTH OF 600mm With base plate to mount on Globe valve Body bonnet

These 2 assembly machines will cover Globe Valves FLAT SEAT from 80mm to 350mm

Electrically Operated PERLESS ELCTRIC TYPE SRE4-713Or Equivalent 230V /50Hz-60Hz, Speed 250-600 RPM continuous REVERSION [Pendulum] Rotation Weight 1.75kg.

With Gear Assembly 3.2kg

Or

Pneumatically Operated: Ingersoll rand Air Motor or Equivalent Air Flow 15cfm 0.8 HP

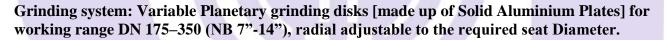
Free Speed of Air motor 150-240 RPM





Grinding System: Flat Grinding Plates for Working Range DN $80-150\ (NB\ 3"-6")$ made up of Stainless Steel

PLATE SIZE-	VALVE	QTY.	
[VALVE	SEAT RING		
SEAT RING	OPENING (ID)		
OUTER DIA	SIZE		
SIZE]			
95mm dia	80mm dia	1 no.	
100mm dia		1 no.	
105mm dia	-	1 no.	
120mm dia	100mm dia	1 no.	
145mm dia	125mm dia	1 no.	
165mm dia	150mm dia	1 no.	
180mm dia	150mm dia		
	aluminium		
	plate	1 no.	



OD of plate	Workin Mini I.D.	Maxi O.D.	Centrical Grinding Diameter PCD of Rotating Head	Minimum outer dia of planet plates with Rotating Head	Maximum outer dia of planet plates with Rotating Head
	N	111	Treat	50mm Dia	50mm Dia
130mm O.D.	185	265	180	230	235
180mm O.D	285	355	230	280	325
230 mm O.D.	335	460	280	330	430





Please note that the Lapping Machine works smoothly and perfectly if the Rotating Grinding Heads Centre is a little smaller [5mm] than the Inner Diameter of Valves Seat Ring.

Rotating Grinding Heads of SS

Size	Quantity	
25mm	5 Nos.	
diameter	<i>3</i> 1108.	
35mm	5 Nos.	
diameter	3 1108.	
50mm	5 Nos.	
diameter	5 Nos.	

Arms Length	Quantity	
32mm	3 Nos.	
55mm	00000	
	5 Nos 1111.	
85mm	00000	
	5 Nos 11111	

Self Adhesive Abrasive Papers:-ALUMINIUM OXIDE upto 220 grit and above 220 grit we will supply Self Adhesive Abrasive Papers in SILICON CARBIDE

SIZE	80 GRIT	120 GRIT	220 GRIT	400 GRIT	TOTAL
25mm dia	100	100	100	100	400 pcs
35mm dia	100	100	100	100	400 pcs
50mm dia	100	100	100	100	400 pcs

Standard Accessories:

- 1 inspection light
- 1 tools for mounting of machine [Spanner & Allen Key set]
- 1 knife for removal of used grinding papers
- 1 instruction manual
- 1 assortment of screws as spare parts
- 1 hand crank

Dimensions of Case 1 which consists of Machines + Consumables:- Size 48.5" x 30" x 12" Weight of Case 1: Net Weight 64Kg

Dimensions of Case 2 which consists of Abrasive Papers and tools:- Size: 17" x 11" x 7" Weight of Case 2: Net Weight 9.55kg

All this packed in metal transport boxes.







CASE NO.1



CASE NO.2

Contact us in case you require Extra with chargable basis.

Electric Drive motor Pneumatic Drive motor

