

SECTION 7

RESTRICTORS

LIST OF CHAPTERS

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5	Restrictors		FHS1520			1
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RESTRICTED

Chapter 3

Appendix 1

RESTRICTOR
Part No. DH.23695

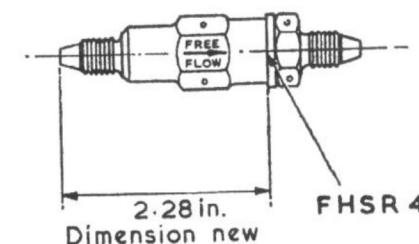
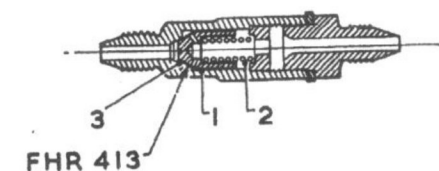
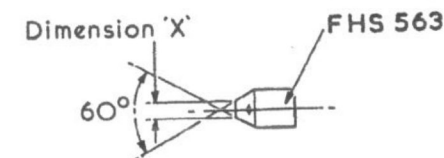
KEY TO REPAIRS

FHR 413 Para. 1
FHSR 4 Sect. 1, Chap. 3

FHR 413

Re-facing poppet valve

1. The conical surface of the poppet may be re-faced to obtain a finish of or superior to 32/. Concentricity to outside diameter must be maintained at 0.001—0.002 in. total D.I.R. After re-facing dimension 'X' must not be less than 0.17 in. dia. Lightly seat poppet to body when re-assembling.



Key diagram

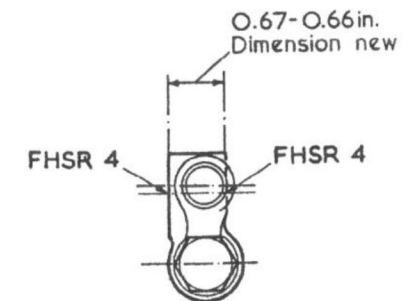
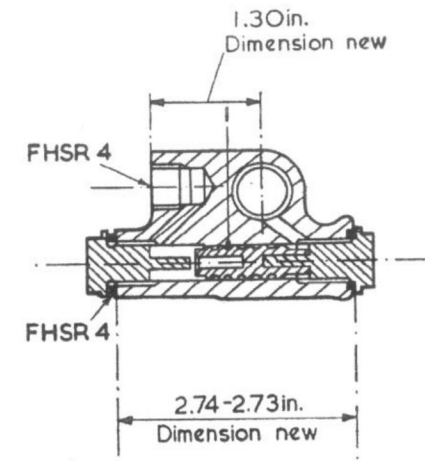
Ref. No. on Key diagram	Parts and description			Dimension New	Permissible Worn Dimension		Clearance New	Permissible Worn Clearance	Remarks
					Inter- changeable Assembly	Selective Assembly			
(1)	(2)			(3)	(4)	(5)	(6)	(7)	(8)
1	POPPET IN BODY	Body	i/d	0.4380 0.4370	0.4420	0.4440	0.0050 0.0030	0.0100	
		Poppet	o/d	0.4340 0.4330	0.4320	0.4270			
2	SPRING			LOAD WHEN COMPRESSED TO 0.62 TO BE 1-1½ LB.					
3	POPPET AND VALVE SEATING			SEATING LIP TO BE FREE FROM CRACKS BURRS ETC. CONICAL VALVE SUR- FACE TO BE 32/ ✓					

Chapter 5 Appendix 1

RESTRICTOR
Part No. F.H.S.1520

KEY TO REPAIRS

FHSR 4 Sect. 1; Chap. 3



Key diagram

Ref. No. on Key diagram	Parts and description		Dimension New	Permissible Worn Dimension		Clearance New	Permissible Worn Clearance	Remarks
				Inter- changeable Assembly (4)	Selective Assembly (5)			
(1)	(2)		(3)	(4)	(5)	(6)	(7)	(8)
1	RESTRICTOR PLUG	Body	i/d	0.3750" nom.	—	—	0.00025 0.00005	0.0003
	IN BODY	Plug	o/d	0.3750" nom.	—	—		
								Sleeve and piston are selectively watched to give clearance new. Fit new parts if clearance in Col. 7 is exceeded

Chapter 6

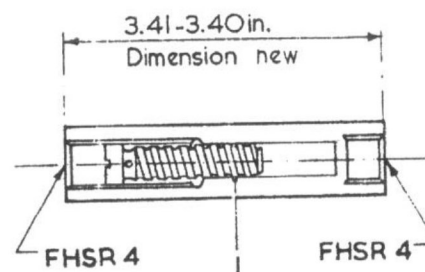
Appendix 1

RESTRICTOR

Part No. FHS1534

KEY TO REPAIRS

FHSR 4 Sect. 1, Chap. 3



Ref. No. on Key diagram (1)	Parts and description (2)			Dimension New (3)	Permissible Worn Dimension		Clearance New (6)	Permissible Worn Clearance (7)	Remarks (8)
					Inter- changeable Assembly (4)	Selective Assembly (5)			
1	PLUG IN BODY	Body	i/d	0.3750" nom. dia.	—	—	0.00025 0.00005	0.0003	Plug and body are selec- tively matched to give clearance new. New pairs to be fitted if clearance in Col. 7 is exceeded
		Plug	o/d	0.3750" nom. dia.					

RESTRICTED

