



Item	Component	Material	Lining
1	UPPER CYLINDER	SILICON ALUM.	
2	UPPER DIAPHRAGM PLATE	MILD STEEL	
3	LOWER DIAPHRAGM PLATE	MILD STEEL	
4	OPERATING DIAPHRAGM	RUBBER	
5	LOWER CYLINDER	SILICON ALUM.	
6	CYLINDER O RING	NITRILE	
7	MASTER SPINDLE	STAINLESS STEEL	
8	SPINDLE ADAPTER	STAINLESS STEEL	
9	BONNET	CAST IRON	
10	COMPRESSOR	CAST IRON	
11	LINE DIAPHRAGM	RUBBER	
12	BODY	CAST IRON	GLASS
13	HANDWHEEL	CAST IRON	
14	HANDWHEEL SPINDLE	MILD STEEL	
15	SPINDLE BUSH	MILD STEEL	
16	INDICATOR ROD	MILD STEEL	
17	COVER	SILICON ALUM.	
18	UPPER SPRING PLATE	SILICON ALUM.	
19	GUIDE ROD	MILD STEEL	
20	SEALING PLATE	MILD STEEL	
21	SEALING PLATE 'O' RING	RUBBER	
22	MOUNTING BRACKET	STAINLESS STEEL	
23	'007' SWITCHBOX		
24	LIFTING ROD	STAINLESS STEEL	
25	INDICATOR COVER	POLYAMIDE	

Size(DN)	A	B	C	D	E	F
25	229	127	160	460	433	284

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The Science Inside

Title
GENERAL ARRANGEMENT OF 'KB' TYPE ES54 DOUBLE ACTING MODULAR ACTUATOR (B8200) COMPLETE WITH OPTIONS FITTED ON GLASS LINED FLANGED BODY

Drawn	NAW	Date	22.10.14	UNCONTROLLED IN HARD COPY FORMAT
Checked	RND	Date	22.10.14	
First Angle Projection Method E		DO NOT SCALE	Drawing No. KB-ES54-GLASS	Issue. 1