



Item	Component	Material
1	HANDWHEEL SPINDLE	MILD STEEL
2	UPPER SPRING PLATE	STEEL
3	SPRING	STEEL
4	COVER	SILICON ALUM
5	BUSH 'O' RING	RUBBER
6	DIAPHRAGM PLATE	FORGED STEEL
7	OPERATING DIAPHRAGM	RUBBER
8	MASTER SPINDLE	STAINLESS STEEL
9	BONNET	CAST IRON
10	COMPRESSOR	CAST IRON
11	LINE DIAPHRAGM	RUBBER/PTFE
12	SPINDLE ATTACHMENT	STAINLESS STEEL
13	LOWER CYLINDER	SILICON ALUM
14	UPPER CYLINDER	SILICON ALUM
15	HANDWHEEL	CAST IRON
16	BODY	CAST IRON
		SG IRON
		GUNMETAL

Item	Component	Material	Size (DN)	A	B	C	D	E	F	G
17	'007' SWITCHBOX	STAINLESS STEEL								
18	MOUNTING BRACKET	STAINLESS STEEL	25	558	111	576	562	144	131	599
19	VIAPOS-MIDI POSITIONER	STAINLESS STEEL								
20	MOUNTING BRACKET	STAINLESS STEEL	50	565	168	583	551	144	131	588

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**Saunders**  
The Science Inside

Title  
GENERAL ARRANGEMENT OF 'KB' TYPE ES69 SPRING  
OPENING MODULAR ACTUATOR (C8000) COMPLETE  
WITH OPTIONS FITTED ON SCREWED BODY

Drawn	NAW	Date	23.10.14	UNCONTROLLED IN HARD COPY FORMAT
Checked	RND	Date	23.10.14	
First Angle Projection Method E		DO NOT SCALE	Drawing No. KB-ES69-SCREWED	Issue. 1