Section 28 TIANSI VALVE (Steel Manual Diaphragm Valve,

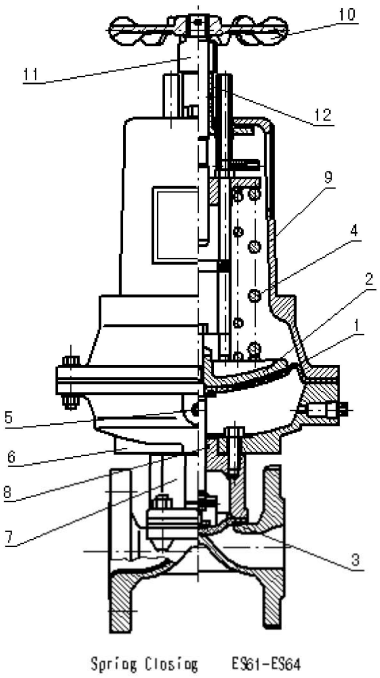
Globe Valve, Check Valve and Pressure Reducing Valve) INSTRUCTION

NO.	Valve Name.	KKS Code	Valve Description	Model	Remark
1	Steel Manual DiaphragmValve	REFER TO VALVE LIST TJB56-L3-OFF-C-GCA-M-LST-0005		G41J-10Q	Attachment 01
2	Stainless Steel Check Valve	REFER TO VALVE LIST TJB56-L3-OFF-C-GCA-M-LST-0005		H76H-10R/16R/16P	Attachment 02
3	Carbon Steel With Rubber Lined Check Valve	REFER TO VALVE LIST TJB56-L3-OFF-C-GCA-M-LST-0005		H44J-10C	Attachment 03
4	Globe Valve	REFER TO VALVE LIST TJB56-L3-OFF-C-GCA-M-LST-0005		J41H-16R	Attachment 04
5	Pressure Reducing Valve	REFER TO VALVE LIST TJB56-L3-OFF-C-GCA-M-LST-0005		Y43H-16P	Attachment 05

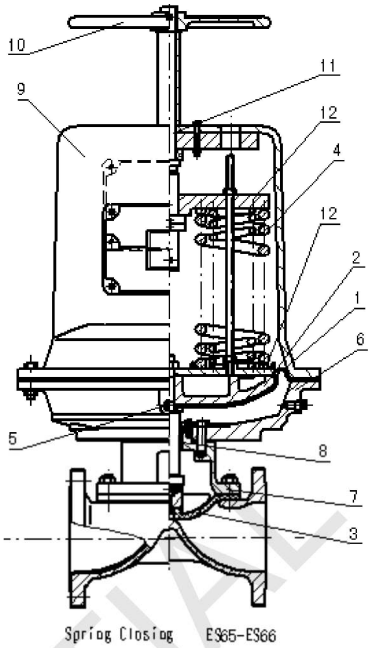
SAUNDERS DIAPHRAGM VALVE

PRODUTCTS INSTRUCTION

TIAN JIN No.4 AUTOMATION INSTRUMENT FACTORY



Spring Closing ES61-ES64



Spring Closing ES65-ES66

Item	component	ES61-ES64
1	OPERATING DIAPHRAGM	
2	DIAPHRAGM PLATE	
3	'A' TYPE LINE DIAPHRAGM	
4	SPRINGS	
5	OPERATING FLUID INLET	
6	OPERATING CYLINDER	
7	BONNET	
8	'O' RING	
9	SPRING COVER	
10	MANUAL OVERRIDE	
11	VISUAL INDICATOR	
12	LOCKING BUSH	

Item	component	ES65-ES66
1	OPERATING DIAPHRAGM	
2	DIAPHRAGM PLATE	
3	'A' TYPE LINE DIAPHRAGM	
4	SPRINGS	
5	OPERATING FLUID INLET	
6	OPERATING CYLINDER	
7	BONNET	
8	'O' RING	
9	SPRING COVER	
10	MANUAL OVERRIDE	
11	SPRING ADJUSTING SCREW	
12	UPPER & LOWER SPRING PLATES	

Fig 7

8. All size of diaphragm valves (ESO and ESC)can match with different actuator so to suit various medium pressure. You choose the small size actuator when the medium pressure is lower.
The matching of actuator and body is shown in table 6.

Table 6

A	ESC						ESO				
SIZE mm	ES61	ES62	ES63	ES64	ES65	ES66	ES68	ES69	ES70	ES71	ES72
20	■						■	■			
25	■	■					■	■	■		
32	■	■					■	■	■		
40	■	■	■				■	■	■		
50	■	■	■	■			■	■	■	■	
65		■	■	■	■			■	■	■	
80		■	■	■				■	■	■	■
100			■	■	■			■	■	■	■
125			■	■	■				■	■	■
150				■	■	■				■	■
200						■					■

The relationship of signal pressure and medium pressure is shown in table 7.(No leakage when valve is closed.)