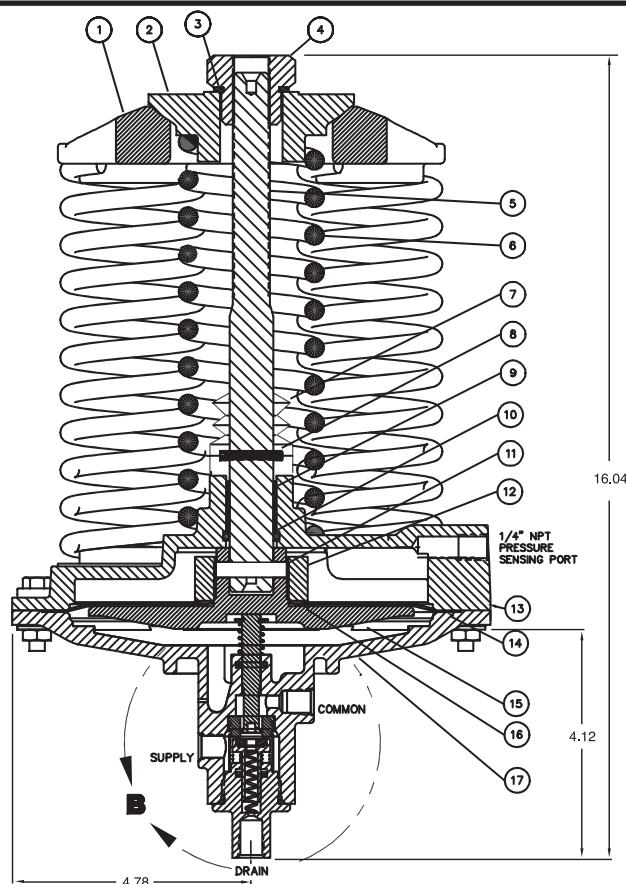




CDS6A

Altitude Pilot Control



SECTION A - A

Note: Please make sure to remove the plastic plug from the drain port before putting the valve in service if pilot drains to atmosphere.

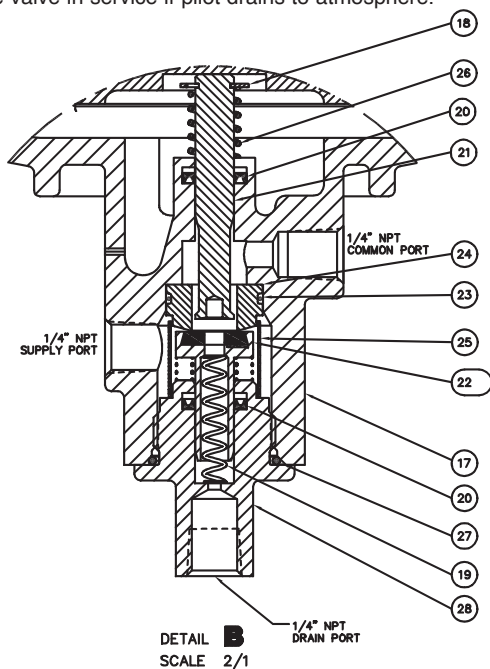
DETAIL B
SCALE 2/1

TABLE 1

SPRING RETAINER PART NO.	NUMBER OF SPRINGS	NUMBER OF WASHERS (ITEM 31)
----	1	0
2933201C	2 or 3	2
2933101E	4 or 5	4

TABLE 2

CDS6A STOCK No. 2" SIZE	CDS6A STOCK No. 2-1/2" & LARGER	ALTITUDE RANGE FT H ₂ O	No. of SPRINGS	PSI Change PER TURN	ALTITUDE CHANGE PER TURN
20354706E	20354701K	5 To 40 Ft.	1	0.32	0.75
20354707D	20354702J	30 To 80 Ft.	2	0.64	1.50
20354708C	20354703H	70 To 120 Ft.	3	0.96	2.25
20354709B	20354704G	110 To 160 Ft.	4	1.28	3.00
20354710J	20354705F	150 To 200 Ft.	5	1.60	3.75

When ordering parts specify:

All Nameplate Data, Part Description and Part Number

Item	Description	Qty	Part #	List Price
1*	Retainer, Spring (see table 1)	---	---	
2	Retainer Spring, Swivel	1	2933401J	
3	Washer, Thrust	1	76783A	
4	Nut, Adjusting	1	1077601B	
5	Stem, Upper	1	2933301A	
6	Spring (see table 2)	---	2933502H	
7*	Bellows	1	1027501E	
8*	Set Screw	1	6764928F	
9	Bushing, Stem	1	79904K	
10*	O-Ring	1	01068G	
11	Pin, Stem Retaining	1	6674601H	
12	Nut, Diaphragm Washer	1	20039701G	
13	Cover, Upper	1	2932601E	
14*	Diaphragm	1	2933901H	
15	Diaphragm Washer	1	2932701C	
16	Washer, Diaphragm Nut	1	7198837C	
17	Cover, Lower	1	20354901H	
18*	Retaining Ring	1	6818511F	
19*	Heavy Spring, Poppet	1	9029210D	
20*	U-Seal	1	20315401D	
21	Stem, Lower	1	66668F	
22*	Poppet Assembly	1	66675A	
22-1	Poppet	1		
22-2	Disc	1		
23*	O-Ring	1	00719F	
24	Seat	1	2932901J	
25	Strainer	1	66753F	
26	Spring, Lower Stem	1	79092D	
27*	O-Ring	1	00540F	
28	Guide, Poppet	1	20357501E	
29	Bracket, Mounting	1	2933601D	
30	Bolt HX. HD. 5/16-18 x 1.25	10	676048C	
31	Washer (see table 1)	---	---	
32	Bolt HX. HD. 5/16-18 x 2.0	2	6760412E	
33	Nut, 5/16-18	12	6779907C	

★ Recommended Spare Parts (Kit Part # 203494-01C)