

CRANE[®]

Energy Flow Solutions

CRANE Air™ Direct Mount Series

Product Features:

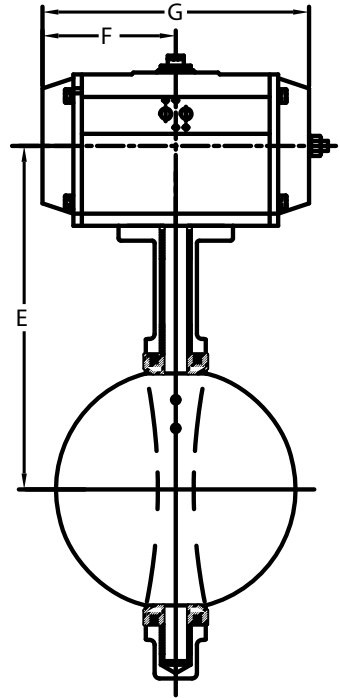
- Compact Design
- NAMUR Mounting
- Dual Travel Stops



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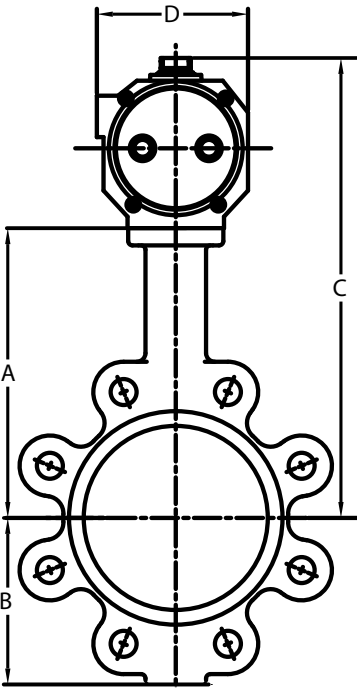
CRANE Air™

CRANE Air™ Direct Mount on Center Line Double Acting



size	Valve Data					Actuator Data		Dimensions (in)							Wafer Valve + Actuator (lbs)	Lugged Valve + Actuator (lbs)
	line pressure	torque inch #	top flange	double D (in)	shaft (in)	Part Number	min air supply	A	B	C	D	E	F	G		
2	200 psig	117	F07	0.39	1.25	CA03DA-23	40 psig	6.4	3.2	11.2	3.3	8.2	3.9	7.8	11.2	12.2
2.5	200 psig	189	F07	0.39	1.25	CA03DA-23	60 psig	6.9	3.7	11.7	3.3	8.7	3.9	7.8	12.2	13.2
3	200 psig	244	F07	0.39	1.25	CA03DA-23	80 psig	7.1	4.0	11.9	3.3	8.9	3.9	7.8	15.2	19.2
3	200 psig	244	F07	0.39	1.25	CA04DA-3	60 psig	7.1	4.0	12.7	3.8	9.3	3.5	7.0	16.3	20.3
4	200 psig	390	F07	0.47	1.25	CA04DA-4	80 psig	7.9	4.9	13.5	3.8	10.1	3.5	7.0	19.3	32.3
4	200 psig	390	F07	0.47	1.25	CA05DA-4	60 psig	7.9	4.9	13.5	3.8	10.1	4.7	9.4	21.8	34.8
5	200 psig	598	F07	0.55	1.25	CA05DA-5	80 psig	8.4	5.4	14.0	3.8	10.6	4.7	9.4	26.8	36.8
5	200 psig	598	F07	0.55	1.25	CA06DA-56	60 psig	8.4	5.4	14.8	4.5	11.0	4.5	9.1	28.7	38.7
6	200 psig	875	F07	0.55	1.25	CA06DA-56	80 psig	8.9	5.9	15.3	4.5	11.5	4.5	9.1	30.7	41.7
8	200 psig	1430	F10	0.67	1.75	CA08DA-8	60 psig	10.2	7.8	17.9	5.4	13.4	5.7	11.4	51.9	68.9
8	200 psig	1430	F10	0.67	1.75	CA09DA-8	60 psig	10.2	7.8	18.4	5.9	13.7	6.9	13.8	59.5	76.5
10	200 psig	2275	F10	0.87	1.75	CA09DA-10	80 psig	11.5	8.2	19.7	5.9	15.0	6.9	13.8	69.5	99.5
10	200 psig	2275	F10	0.87	1.75	CA10DA-10	60 psig	11.5	8.2	21.3	7.3	16.4	7.1	14.2	81.2	111.2
12	200 psig	3250	F10	0.95	1.75	CA10DA-1214	80 psig	13.2	9.7	23.0	7.3	17.5	7.1	14.2	109.2	144.2
12	200 psig	3250	F10	0.95	1.75	CA11DA-1214	60 psig	13.2	9.7	23.0	7.3	17.5	8.2	16.5	118.9	153.9
14	150 psig	3500	F10	0.95	1.75	CA11DA-1214	60 psig	14.5	11.0	24.3	7.3	18.8	8.2	15.5	143.9	203.9
14	150 psig	3500	F10	0.95	1.75	CA10DA-1214	80 psig	14.5	11.0	24.3	7.3	18.8	7.1	14.2	134.2	194.2

Spring Return Fail Closed



size	Valve Data					Actuator Data		Dimensions (in)							Wafer Valve + Actuator (lbs)	Lugged Valve + Actuator (lbs)
	line pressure	torque inch #	top flange	double D (in)	shaft (in)	Part Number	min air supply	A	B	C	D	E	F	G		
2	200 psig	117	F07	0.39	1.25	CA04SC4-2	60 psig	6.4	3.2	12.0	3.8	8.6	3.5	7.0	13.2	14.2
2.5	200 psig	189	F07	0.39	1.25	CA05SC4-2.5	60 psig	6.9	3.7	12.5	3.8	9.1	4.7	9.4	17.0	18.0
3	200 psig	244	F07	0.39	1.25	CA06SC4-3	60 psig	7.1	4.0	13.5	4.5	9.7	4.5	9.1	22.3	26.3
4	200 psig	390	F07	0.47	1.25	CA07SC4-4	60 psig	7.9	4.9	15.6	5.4	11.1	4.8	9.7	32.9	45.9
5	200 psig	598	F07	0.55	1.25	CA08SC4-5	60 psig	8.4	5.4	16.1	5.4	11.6	5.7	11.4	41.6	51.6
6	200 psig	875	F07	0.55	1.25	CA09SC4-6	60 psig	8.9	5.9	17.1	5.9	12.4	6.9	13.8	53.1	64.1
8	200 psig	1430	F10	0.67	1.75	CA10SC5-8	80 psig	10.2	7.8	20.0	7.3	14.5	7.1	14.2	81.9	98.9
8	200 psig	1430	F10	0.67	1.75	CA11SC4-8	60 psig	10.2	7.8	20.0	7.3	14.5	8.2	16.5	91.5	108.5
10	200 psig	2275	F10	0.87	1.75	CA12SC4-10	60 psig	11.5	8.2	23.5	9.3	16.9	8.7	17.5	143.2	173.2
12	200 psig	3250	F10	0.95	1.75	CA13SC4-12	60 psig	13.2	9.7	25.2	9.3	18.6	9.9	19.8	185.5	220.5
14	150 psig	3500	F10	0.95	1.75	CA14SC4-14	60 psig	14.5	11.0	28.8	13.1	21.0	11.6	23.1	277.9	337.9
14	150 psig	3500	F10	0.95	1.75	CA13SC5-14	80 psig	14.5	11.0	28.8	13.1	21.0	11.6	23.1	277.9	337.9

Spring Return Fail Open

size	Valve Data					Actuator Data		Dimensions (in)							Wafer Valve + Actuator (lbs)	Lugged Valve + Actuator (lbs)
	line pressure	torque inch #	top flange	double D (in)	shaft (in)	Part Number	min air supply	A	B	C	D	E	F	G		
2	200 psig	117	F07	0.39	1.25	CA04S03-2	60 psig	6.4	3.2	12.0	3.8	8.6	3.5	7.0	13.2	14.2
2.5	200 psig	189	F07	0.39	1.25	CA05S03-2.5	60 psig	6.9	3.7	12.5	3.8	9.1	4.7	9.4	17.0	18.0
3	200 psig	244	F07	0.39	1.25	CA06S03-3	60 psig	7.1	4.0	13.5	4.5	9.7	4.5	9.1	22.3	26.3
4	200 psig	390	F07	0.47	1.25	CA07S03-4	60 psig	7.9	4.9	15.6	5.4	11.1	4.8	9.7	32.9	45.9
5	200 psig	598	F07	0.55	1.25	CA08S03-5	60 psig	8.4	5.4	16.1	5.4	11.6	5.7	11.4	41.6	51.6
6	200 psig	875	F07	0.55	1.25	CA09S03-6	80 psig	8.9	5.9	17.1	5.9	12.4	6.9	13.8	53.1	64.1
6	200 psig	875	F07	0.55	1.25	CA10S04-6	60 psig	8.9	5.9	18.7	7.3	13.2	7.1	14.2	69.9	80.9
8	200 psig	1430	F10	0.67	1.75	CA10S04-8	80 psig	10.2	7.8	20.0	7.3	14.5	7.1	14.2	81.9	98.9
8	200 psig	1430	F10	0.67	1.75	CA11S03-8	60 psig	10.2	7.8	20.0	7.3	14.5	8.2	16.5	91.5	108.5
10	200 psig	2275	F10	0.87	1.75	CA12S03-10	60 psig	11.5	8.2	23.5	9.3	16.9	8.7	17.5	143.2	173.2
12	200 psig	3250	F10	0.95	1.75	CA13S03-12	60 psig	13.2	9.7	25.2	9.3	18.6	9.9	19.8	185.5	220.5
14	150 psig	3500	F10	0.95	1.75	CA14S04-14	60 psig	14.5	11.0	28.8	13.1	21.6	11.6	23.1	277.9	337.9
14	150 psig	3500	F10	0.95	1.75	CA14S04-14	80 psig	14.5	11.0	28.8	13.1	21.6	11.6	23.1	277.9	337.9

NOTE: Actuator sizing is for single valve, on/off applications and include sizing margins appropriate for normal liquid applications. For all other applications, please consult factory for appropriate sizing.