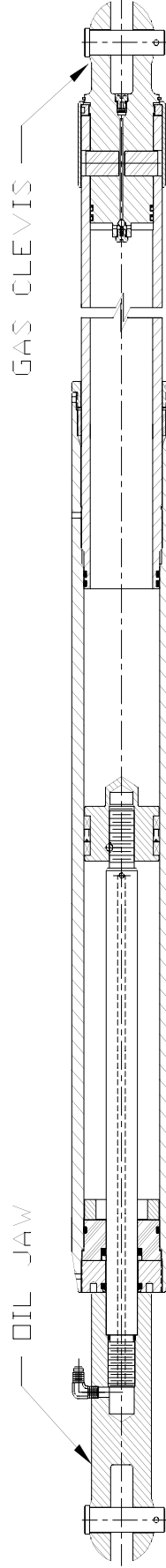


SERIES 85A VANG SPECIFICATIONS

PART NUMBER	PISTON ROD SIZE		MAXIMUM PULL FORCE(1)		BREAKING STRENGTH(2)		RETURN FORCE(3)		PCLC RANGE AVAILABLE		STROKE		WEIGHT(4)	
	(in)	(mm)	(lb)	(kg)	(lb)	(kg)	(lb)	(kg)	(in)	(mm)	(in)	(mm)	(lb)	(kg)
A850-VC-006	5/8	16	2,400	1,090	8,000	3,630	394	180	46 - 60	1168 - 1524	9.0	229	9.3	4.2
A850-VC-010	3/4	19	4,550	2,060	10,500	4,760	678	310	55 - 72	1397 - 1829	9.0	229	10.3	4.7
A850-VC-012	7/8	22	6,150	2,790	16,500	7,480	916	420	55 - 89	1397 - 2261	9.5	241	13.0	5.9
A850-VC-017	1	25	8,450	3,830	16,500	7,480	1,240	560	55 - 100	1397 - 2540	9.5	241	21.0	9.5
A850-VC-022	1	25	12,200	5,530	21,400	9,710	1,613	730	55 - 104	1397 - 2642	10.0	254	25.0	11.3
A850-VC-030	1	1/4	21,200	9,610	40,100	18,200	2,508	1,140	55 - 107	1397 - 2718	11.0	279	35.5	16.1
A850-VC-040A	1	1/4	29,900	13,600	47,400	21,500	3,610	1,640	55 - 150	1397 - 3810	12.0	305	60.0	27.2
A850-VC-060B	1	1/2	40,000	18,100	80,100	36,300	4,899	2,220	55 - 175	1397 - 4445	14.0	356	107.0	48.5
A850-VC-090B	1	3/4	51,800	23,500	126,100	57,200	6,400	2,900	65 - 185	1651 - 4699	16.0	406	127.0	57.6
A850-VC-110B	2	1/8	65,000	29,500	189,000	85,700	8,000	3,630	70 - 190	1778 - 4826	18.0	457	190.0	86.2
A850-VC-150A	2	3/8	77,300	35,100	220,000	99,800	10,000	4,540	75 - 195	1905 - 4953	18.0	457	240.0	108.8

1. At maximum relief valve setting of 5000 psi.
2. These strengths have been revised since the issue of the 1993 catalog to reflect design updates.
3. At 500 psi gas pressure. Return force can vary from zero to twice the standard return force by varying the gas pressure.
4. Average historical weight - actual weight will vary with PCLC



21-Dec-98

File

A850-VC.xls

SERIES 85A VANG SPECIFICATIONS (CONTINUED)

Table

A850-VC

Old Table

3.24.1A

PART NUMBER	OIL JAW				GAS CLEVIS									
	PIN* (in)	PIN* (mm)	PIN CTR DEPTH (in)	PIN CTR DEPTH (mm)	SLOT DEPTH (in)	SLOT DEPTH (mm)	GAP (in)	GAP (mm)	PIN CTR DEPTH (in)	PIN CTR DEPTH (mm)	SLOT DEPTH (in)	SLOT DEPTH (mm)	GAP (in)	GAP (mm)
A850-VC-006	0.433	11.00	0.73	18.5	1.73	43.9	0.45	11.5	0.85	21.6	1.85	47.0	0.45	11.5
A850-VC-010	0.495	12.57	0.88	22.4	2.20	55.9	0.52	13.1	0.85	21.6	2.22	56.4	0.52	13.1
A850-VC-012	0.620	15.75	1.00	25.4	2.37	60.2	0.64	16.3	0.95	24.1	2.32	58.9	0.64	16.3
A850-VC-017	0.620	15.75	1.00	25.4	2.37	60.2	0.64	16.3	0.95	24.1	2.32	58.9	0.64	16.3
A850-VC-022	0.620	15.75	1.12	28.4	2.62	66.5	0.64	16.3	1.12	28.4	2.49	63.2	0.64	16.3
A850-VC-030	0.745	18.92	1.32	33.5	2.82	71.6	0.77	19.4	1.32	33.5	2.82	71.6	0.77	19.4
A850-VC-040A	0.870	22.10	1.50	38.2	3.44	87.4	0.89	22.6	1.50	38.2	3.30	83.9	0.89	22.6
A850-VC-060B	0.995	25.27	1.70	43.1	3.70	94.0	1.02	25.8	1.70	43.1	3.70	94.0	1.02	25.8
A850-VC-090B	1.245	31.62	2.07	52.6	4.57	116.1	1.27	32.1	2.07	52.5	4.57	116.1	1.27	32.1
A850-VC-110B	1.370	34.80	2.45	62.2	5.45	138.4	1.39	35.2	2.45	62.2	5.45	138.4	1.39	35.2
A850-VC-150A	1.495	37.97	2.82	71.6	6.08	154.4	1.51	38.4	2.70	68.5	6.08	154.4	1.51	38.4

* Pin diameter shown is +0.000"/-0.005"