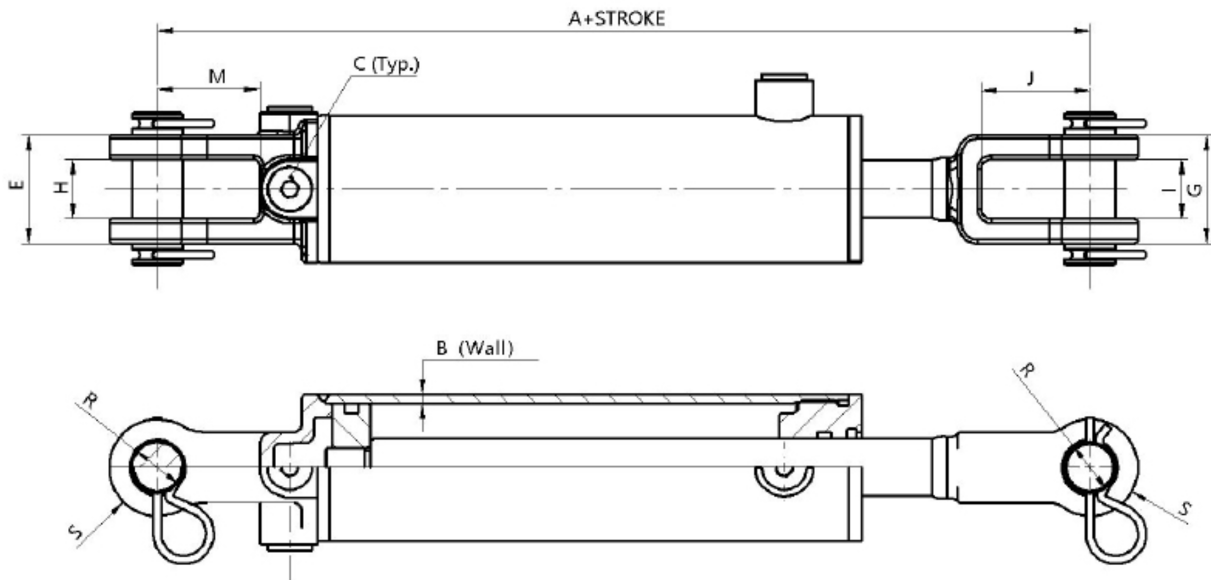


WELDED ALTERNATIVE TO TIE-RODS

This Bailey welded cylinder features a screw-on rod-end gland for easy field repair. Unlike a tie-rod, there are no bolts; simply remove the screw-on gland and you're ready to replace the seals. This cylinder line is designed with a 2:1 safety factor for construction and agricultural applications.

FEATURES

- **Use:** Double-acting applications
- **End Mounts:** Rugged steel casting welded clevis design
- **Gland:** Screw-on gland design reduces downtime and allows for quick, easy service
- **Ports:** Optional SAE 8 third port location (for 90-degree use)
- **Rod:** Hard chrome-plated rod for the most extreme applications
- **Piston:** Precision welded piston
- **Testing:** Burst pressure tested at 6,000 psi and 20,000 cycle endurance test



Dimensional Data in Inches:

Bore	A	B	C	E	G	H	I	J	M	R	S
2.0	10.25	0.188	SAE 8	2.13	2.13	1.165	1.165	2.13	2.0	1.016	0.94
2.5	10.25	0.188	SAE 8	2.13	2.13	1.165	1.165	2.13	2.0	1.016	0.94
3.0	10.25	0.188	SAE 8	2.13	2.13	1.165	1.165	2.13	2.0	1.016	1.0
3.5	10.25	0.188	SAE 8	2.50	2.375	1.165	1.165	2.13	2.13	1.016	1.125 / 1.0
4.0	10.25	0.25	SAE 8	2.50	2.375	1.165	1.165	2.13	2.13	1.016	1.125 / 1.0



CHIEF™ AT CYLINDERS

WELDED ALTERNATIVE TO TIE-RODS

All bore sizes and strokes have a welded clevis and screw-on gland • 3000 PSI • Burst pressure tested to 6,000 PSI • 20,000 cycle endurance test • Hallite seals on the rod and wiper • O-ring boss ports (SAE ports with UNF threads)



Part Number	Bore Inches	Stroke Inches	Rod Diameter Inches	Retracted Inches	Extended Inches	Column Load Pounds	Port Size	Pin Diameter Inches	Weight Pounds
297068	2.0	4	1.125	14.25	18.25	9,420	SAE 8	1	10.8
297069	2.0	6	1.125	16.25	22.25	9,420	SAE 8	1	12.1
297070	2.0	8	1.125	18.25	26.25	9,420	SAE 8	1	13.5
297071	2.0	8 ASAE	1.125	20.25	28.25	9,420	SAE 8	1	14.1
297072	2.0	10	1.125	20.25	30.25	9,420	SAE 8	1	14.8
297073	2.0	12	1.125	22.25	34.25	9,420	SAE 8	1	16.1
297074	2.0	14	1.125	24.25	38.25	9,420	SAE 8	1	17.4
297075	2.0	16	1.125	26.25	42.25	9,420	SAE 8	1	18.7
297080	2.0	16 ASAE	1.125	31.5	47.5	8,190	SAE 8	1	28.0
297076	2.0	18	1.125	28.25	46.25	8,140	SAE 8	1	20.1
297077	2.0	20	1.125	30.25	50.25	6,910	SAE 8	1	21.4
297079	2.0	24	1.125	34.25	58.25	5,160	SAE 8	1	27.6
297082	2.0	30	1.125	40.25	70.25	3,560	SAE 8	1	36.0
297085	2.0	36	1.125	46.25	82.25	2,610	SAE 8	1	36.2
297091	2.0	48	1.125	58.25	106.25	1,570	SAE 8	1	42.1
297092	2.5	4	1.125	14.25	18.25	14,720	SAE 8	1	16.0
297093	2.5	6	1.125	16.25	22.25	14,720	SAE 8	1	18.3
297094	2.5	8	1.125	18.25	26.25	14,720	SAE 8	1	20.3
297095	2.5	8 ASAE	1.125	20.25	28.25	14,720	SAE 8	1	21.4
297096	2.5	10	1.125	20.25	30.25	14,720	SAE 8	1	22.3
297097	2.5	12	1.125	22.25	34.25	14,720	SAE 8	1	24.0
297098	2.5	14	1.125	24.25	38.25	12,070	SAE 8	1	26.0
297099	2.5	16	1.125	26.25	42.25	9,930	SAE 8	1	28.0
297102	2.5	16 ASAE	1.125	31.5	47.5	7,854	SAE 8	1	28.0
297100	2.5	18	1.125	28.25	46.25	8,310	SAE 8	1	25.0
297101	2.5	20	1.125	30.25	50.25	7,050	SAE 8	1	31.8
297103	2.5	24	1.125	34.25	58.25	5,270	SAE 8	1	35.7
297106	2.5	30	1.25	40.25	70.25	5,480	SAE 8	1	41.5
297109	2.5	36	1.25	46.25	82.25	4,010	SAE 8	1	43.2
297115	2.5	48	1.25	58.25	106.25	2,410	SAE 8	1	52.0
297118	3.0	4	1.25	14.25	18.25	21,200	SAE 8	1	21.0
297119	3.0	6	1.25	16.25	22.25	21,200	SAE 8	1	30.6
297120	3.0	8	1.25	18.25	26.25	21,200	SAE 8	1	25.8
297121	3.0	8 ASAE	1.25	20.25	28.25	21,200	SAE 8	1	27.0
297122	3.0	10	1.25	20.25	30.25	21,200	SAE 8	1	31.0
297123	3.0	12	1.25	22.25	34.25	21,200	SAE 8	1	32.0
297124	3.0	14	1.25	24.25	38.25	18,530	SAE 8	1	28.9

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Part Number	Bore Inches	Stroke Inches	Rod Diameter Inches	Retracted Inches	Extended Inches	Column Load Pounds	Port Size	Pin Diameter Inches	Weight Pounds
297125	3.0	16	1.25	26.25	42.25	15,240	SAE 8	1	31.1
297133	3.0	16 ASAE	1.25	31.50	47.5	11,120	SAE 8	1	32.0
297126	3.0	18	1.25	28.25	46.25	12,750	SAE 8	1	33.1
297127	3.0	20	1.25	30.25	50.25	10,820	SAE 8	1	35.3
297129	3.0	24	1.25	34.25	58.25	8,080	SAE 8	1	33.5
297130	3.0	30	1.5	40.25	70.25	11,300	SAE 8	1	41.7
297132	3.0	36	1.5	46.25	82.25	8,270	SAE 8	1	50.0
297141	3.0	48	1.5	58.25	106.25	4,970	SAE 8	1	65.3
297144	3.5	4	1.5	14.25	18.25	29,070	SAE 8	1	26.4
297145	3.5	6	1.5	16.25	22.25	29,001	SAE 8	1	38.4
297146	3.5	8	1.5	18.25	26.25	28,979	SAE 8	1	32.4
297147	3.5	8 ASAE	1.5	20.25	28.25	28,953	SAE 8	1	33.9
297148	3.5	10	1.5	20.25	30.25	29,049	SAE 8	1	38.9
297149	3.5	12	1.5	22.25	34.25	29,032	SAE 8	1	40.2
297150	3.5	14	1.5	24.25	38.25	28,960	SAE 8	1	36.2
297151	3.5	16	1.5	26.25	42.25	29,067	SAE 8	1	39.0
297153	3.5	18	1.5	28.25	46.25	28,951	SAE 8	1	41.5
297154	3.5	20	1.5	30.25	50.25	29,047	SAE 8	1	44.3
297156	3.5	24	1.5	34.25	58.25	23,875	SAE 8	1	42.0
297159	3.5	30	1.5	40.25	70.25	16,415	SAE 8	1	52.3
297162	3.5	36	1.5	46.25	82.25	11,976	SAE 8	1	62.8
297168	3.5	48	1.5	58.25	106.25	7,178	SAE 8	1	81.9
297170	4.0	4	1.75	14.25	18.25	37,893	SAE 8	1	29.7
297171	4.0	6	1.75	16.25	22.25	37,810	SAE 8	1	43.2
297172	4.0	8	1.75	18.25	26.25	37,901	SAE 8	1	36.4
297173	4.0	8 ASAE	1.75	20.25	28.25	37,933	SAE 8	1	38.1
297174	4.0	10	1.75	20.25	30.25	37,845	SAE 8	1	43.8
297175	4.0	12	1.75	22.25	34.25	37,920	SAE 8	1	45.2
297176	4.0	14	1.75	24.25	38.25	37,795	SAE 8	1	40.8
297177	4.0	16	1.75	26.25	42.25	37,971	SAE 8	1	43.9
297179	4.0	18	1.75	28.25	46.25	37,803	SAE 8	1	46.7
297180	4.0	20	2.0	30.25	50.25	37,868	SAE 8	1	49.8
297182	4.0	24	2.0	34.25	58.25	37,872	SAE 8	1	47.3
297185	4.0	30	2.0	40.25	70.25	37,878	SAE 8	1	58.9
297188	4.0	36	2.0	46.25	82.25	36,581	SAE 8	1	70.6
297186	4.0	48	2.0	58.25	106.25	21,932	SAE 8	1	92.2