

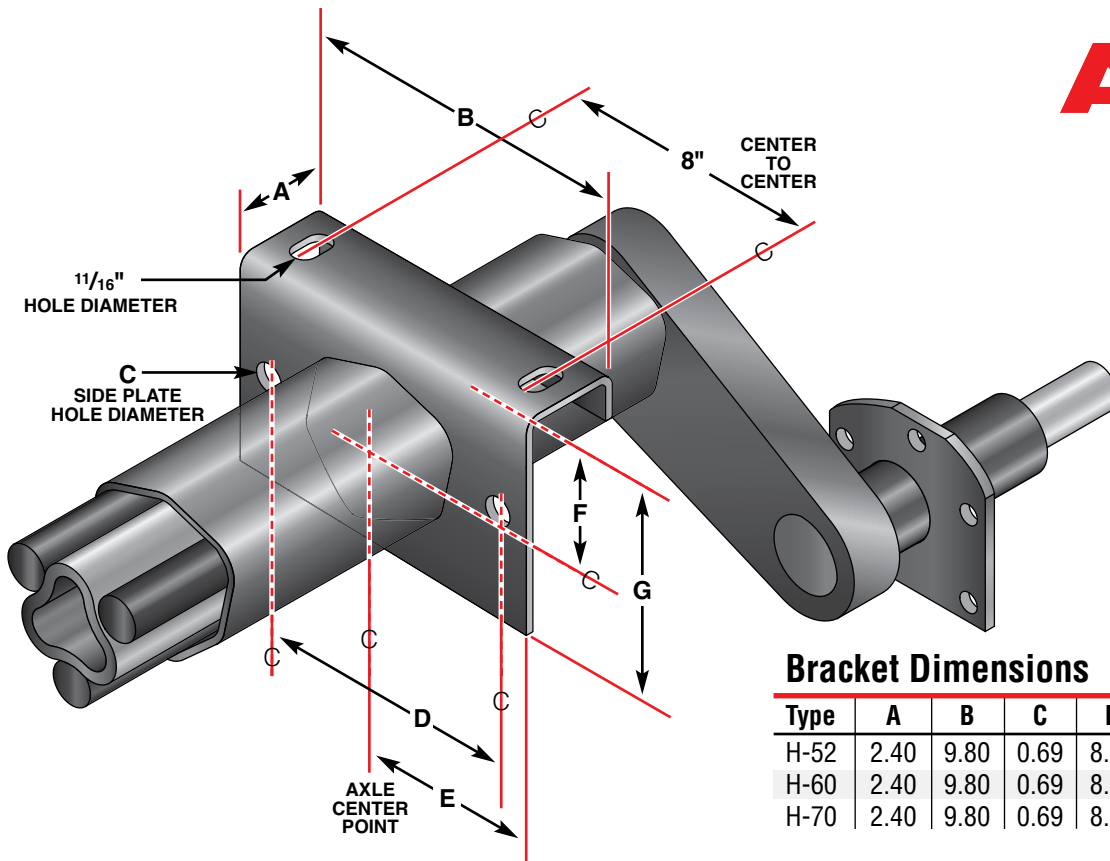
## H-52 / H-60 / H-70 Axle Assembly



Shown with Ultralube System

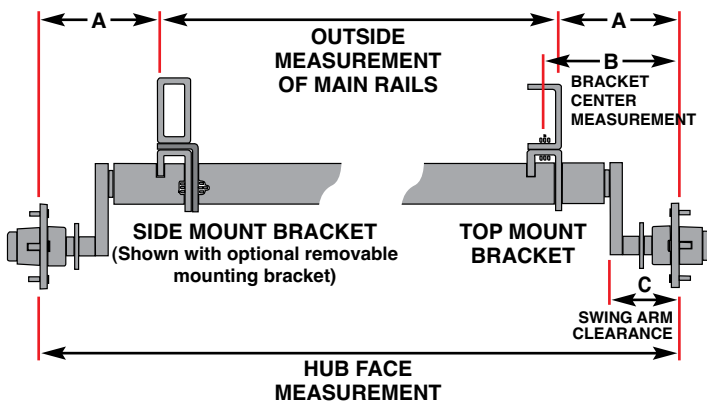
The H-52, H-60 and H-70 axle utilize AL-KO's patented hexagonal design. This design consists of three rubber cords on each side of the axle assembly which are encased under pressure between the hexagonal outer tube and triangular inner tube. Every AL-KO axle is designed, manufactured and tested to meet your specific application.

- 120 mm outer axle tube
- Independent suspension – German engineered
- Various start angles allow precise trailer ride height
- Precision machined spindle with inner journal dimension of 1 3/4" and an outer journal dimension of 1 1/4"
- Double lipped spring loaded seals
- Available in 655 or 865 bolt patterns
- Integral cast hubs / drums CNC machined accuracy
- CSA approved 12" electric brake or choose optional hydraulic drum or disc brake
- Grease lubrication or the optional premium Ultralube System
- 2 year limited warranty on complete axle assembly
- 5 year limited warranty on Rubber Suspension System



### Bracket Dimensions

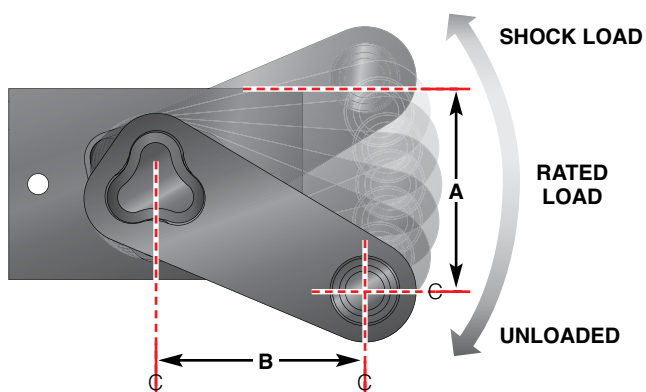
Type	A	B	C	D	E	F	G
H-52	2.40	9.80	0.69	8.00	4.90	2.75	6.00
H-60	2.40	9.80	0.69	8.00	4.90	2.75	6.00
H-70	2.40	9.80	0.69	8.00	4.90	2.75	6.00



### Overhang Chart\*

Type	Capacity Max	Min Hub Face	A**		B		C
H-52	5200	54.77	Min	Max	Min	Max	7.21
H-60	6000	54.77	14.91	28.00	17.31	30.40	7.21
H-70	7000	62.64	14.91	24.00	17.31	26.40	7.21

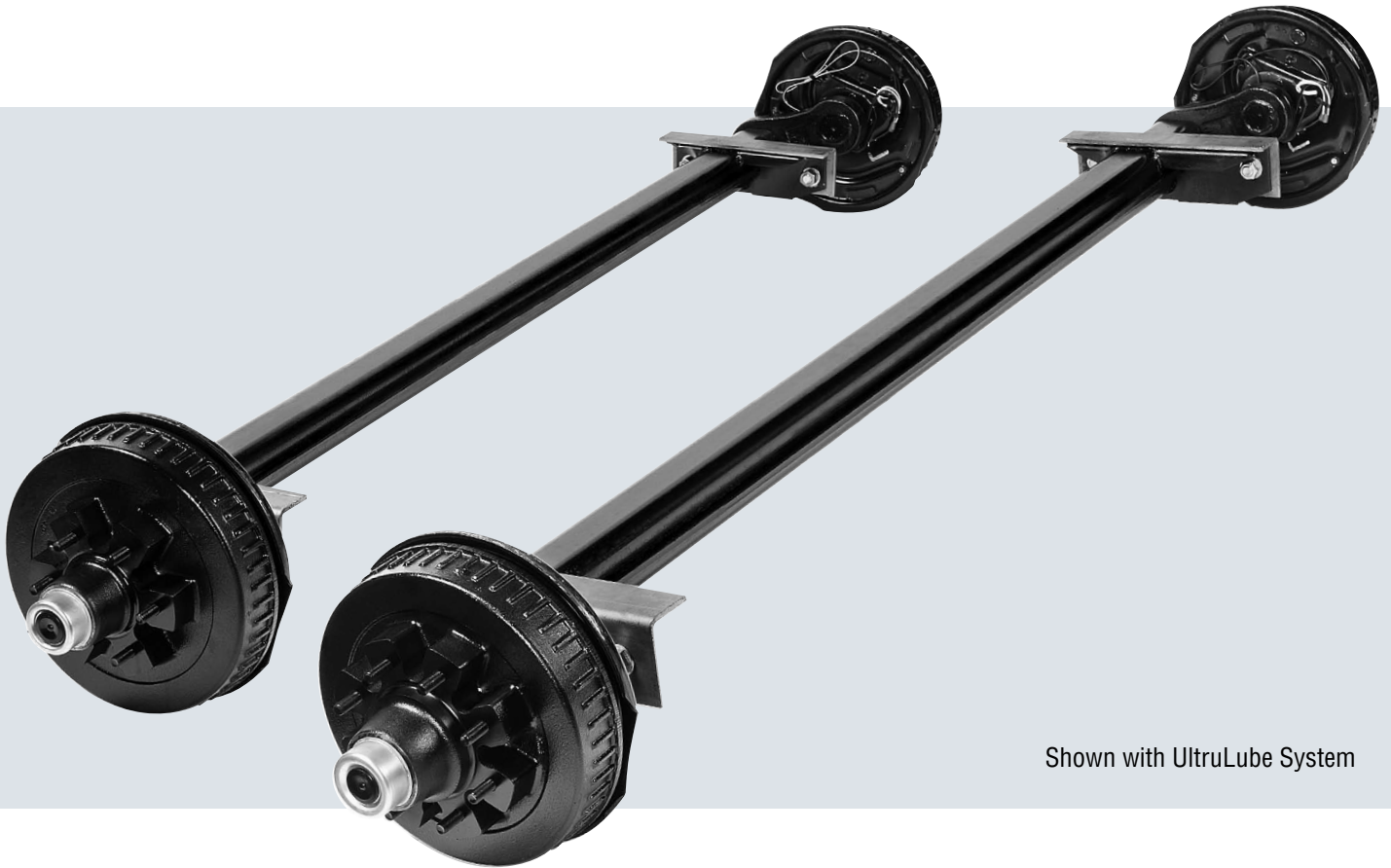
\*Hub face measurements only available in 1/4" increments  
 \*\*Add 1" minimum for side mount brackets turned outward



### Total Swing Arm Travel

Type	Start Angle	A			B		
		Unloaded	Rated Load	Shock Load	Unloaded	Rated Load	Shock Load
H-52	+40	6.9	4.9	3.4	4.6	5.6	6.0
H-60	+20	5.0	2.7	0.8	5.6	6.0	5.5
	+10	4.0	1.5	(0.1)	5.9	5.8	5.0
	0	3.0	(0.6)	(0.9)	6.0	5.5	4.6
	-10	2.0	(0.4)	(1.5)	5.9	5.0	4.2
	-20	1.0	(1.1)	(2.4)	5.6	4.6	3.5
H-70	+25	5.5	2.7	0.8	5.6	6.0	5.5
	0	3.0	(0.6)	(0.9)	6.0	5.5	4.6
	-20	1.0	(1.1)	(2.4)	5.6	4.6	3.5

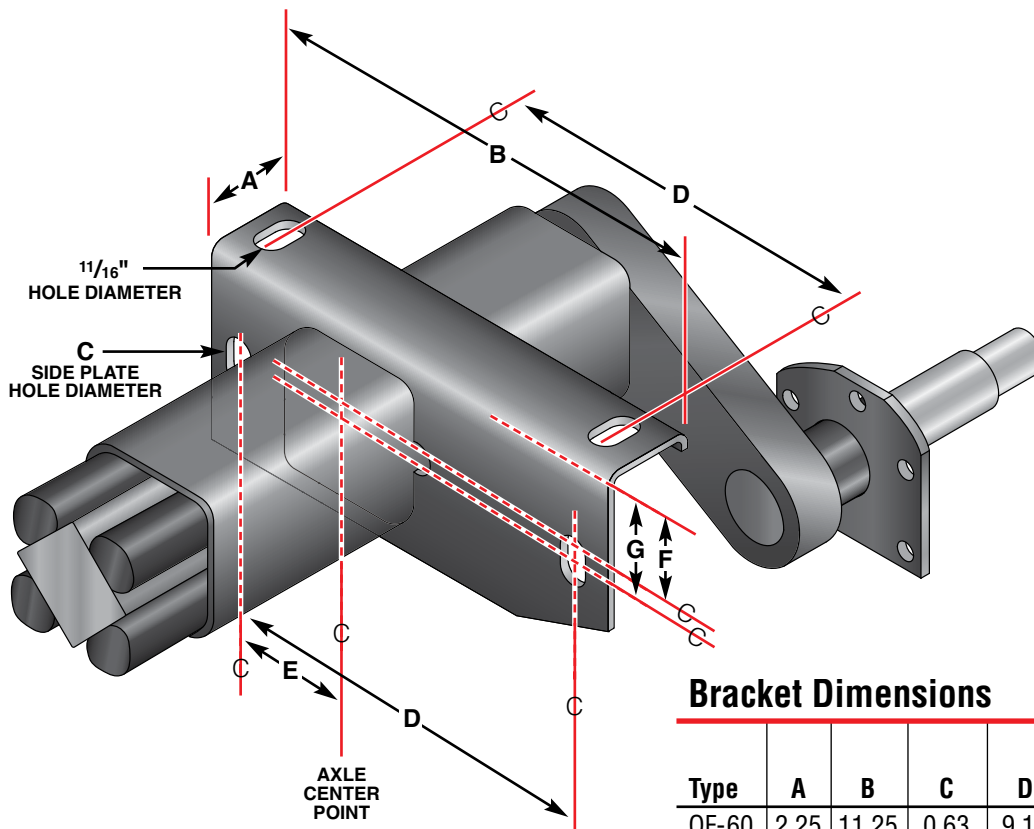
## QF-60 / QF-70 Axle Assembly



Shown with UltruLube System

The QF-60 and QF-70 Q-Flex axles utilize a four rubber cord torsion design to provide a smooth, yet durable ride. The axle design consists of four rubber cords on each side of the axle assembly, which are encapsulated between a high strength square inner bar and square outer tube. Every AL-KO Q-Flex axle is designed, manufactured and tested to meet your specific application.

- Independent suspension
- Variety of start angles allow wider range of trailer ride height options
- Maximum ground clearance with low profile bracket design
- Precision machined spindle with inner journal dimension of 1 3/4" and an outer journal dimension of 1 1/4"
- Double lipped spring loaded seals
- Available in 655 or 865 bolt patterns (7,000 lb. uses 8 lug only)
- Integral cast hubs / drums CNC machined accuracy
- CSA approved 12" electric brake or choose optional hydraulic drum or disc brake
- Grease lubrication or the optional premium UltruLube System
- 2 year limited warranty on complete axle assembly
- 5 year limited warranty on Rubber Suspension System



## Bracket Dimensions

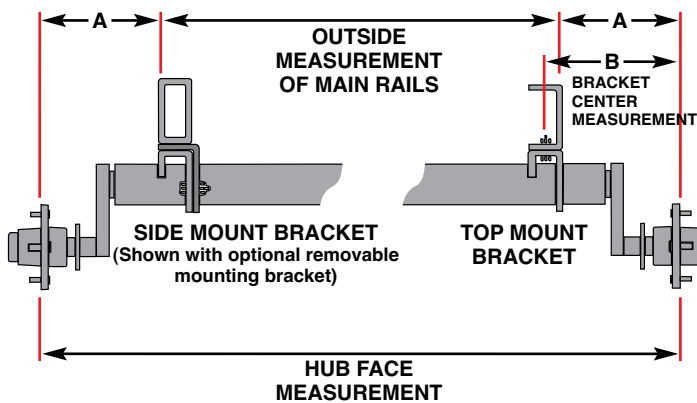
Type	A	B	C	D	E	F	G Low Profile	G High Profile
QF-60	2.25	11.25	0.63	9.13	4.25	2.00	1.75	2.50
QF-70	2.50	13.00	0.75	10.56	4.75	2.00	2.06	2.81
QF-60*	2.50	11.00	0.70	9.00	3.50	1.83	—	—
QF-70*	2.50	12.00	0.70	9.00	3.50	2.06	—	—

\*Optional universal bracket

## Overhang Chart\*

Type	Capacity Max	Min Hub Face	A		B	
			Min	Max	Min	Max
QF-60	6000	55.00	13.50	26.00	15.75	28.25
QF-70	7000	43.00	13.50	34.00	16.00	36.50

\*Hub face measurements only available in 1/4" increments



## Total Swing Arm Travel

Type	Start Angle	Low Profile			High Profile		
		Unloaded	Rated Load	Shock Load	Unloaded	Rated Load	Shock Load
QF-60	45 Down	6.00	4.25	2.25	6.75	5.00	3.00
	22.5 Down	3.81	1.75	(0.31)	4.56	2.50	0.44
	10 Down	2.75	0.75	(1.25)	3.50	1.50	(0.50)
	0	1.75	(0.31)	(2.13)	2.50	0.44	(1.38)
	10 Up	0.75	(1.00)	(2.50)	1.50	(0.25)	(1.75)
QF-70	22.5 Up	(0.31)	(1.88)	(3.25)	0.44	(1.13)	(2.50)
	45 Down	6.31	4.56	2.56	7.06	5.31	3.31
	22.5 Down	4.12	2.06	0.00	4.87	2.81	0.75
	10 Down	3.06	1.06	(0.94)	3.81	1.81	(0.19)
	0	2.06	0.00	(1.82)	2.81	0.75	(1.07)
	10 Up	1.06	(0.69)	(2.19)	1.81	0.06	(1.44)
	22.5 Up	0.00	(1.57)	(2.94)	0.75	(0.82)	(2.19)

