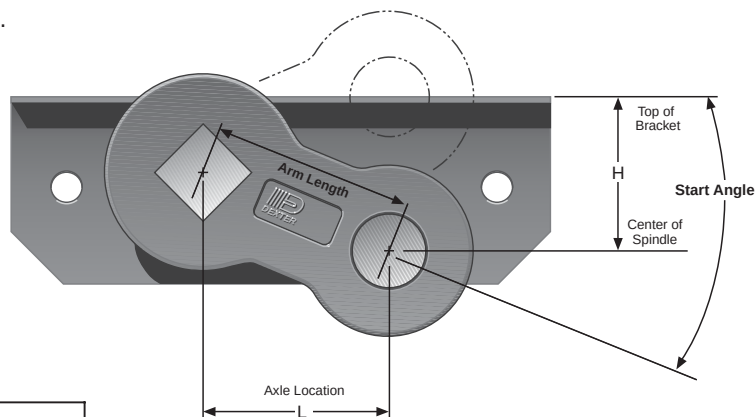




Articulation Dimensions

Dimensions are for low profile, top mount only. Side mount is .25" higher. Allow 3" bump clearance from full load.



		No Load		Full Load		Shock Load	
Start Angle	Bracket Type	H	L	H	L	H	L
45° down	Standard	3.84	2.83	2.54	3.70	1.87	3.91
22.5° down	Standard	2.54	3.70	1.01	4.00	0.31	3.94
10° down	Standard	1.70	3.94	0.14	3.91	-0.52	3.70
0°	Standard	1.01	4.00	-0.52	3.70	-1.14	3.37
10° up	Standard	0.31	3.94	-1.14	3.37	-1.69	2.95
22.5° up	Standard	-0.52	3.70	-1.82	2.83	-2.27	2.29

#8 OVERHANG PER SIDE

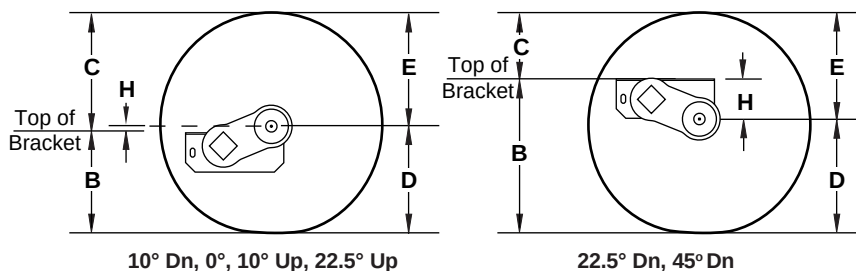
Spindle	Min.	Max.
Short	4.75"	9.04"
Standard	6.00"	9.04"

Note: Positive numbers in the H column indicate the spindle is BELOW the top of the bracket. Conversely, negative numbers are ABOVE the top of the bracket.



Full Load Dimensions

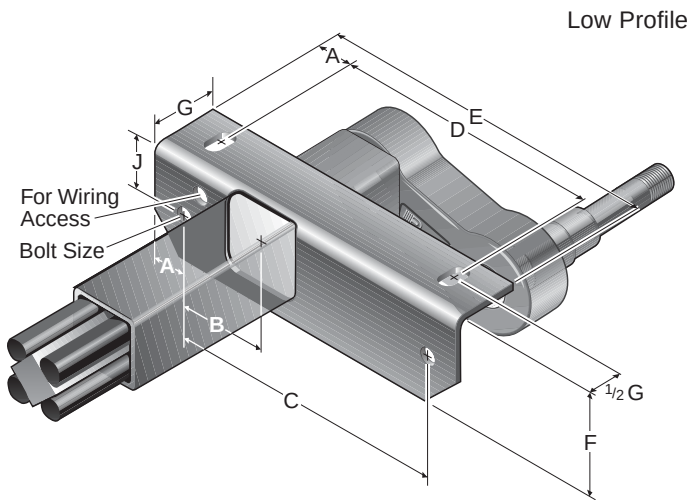
Dimensions are for low profile, top mount only. Side mount is .25" higher. Allow 3" bump clearance from full load.



START ANGLE

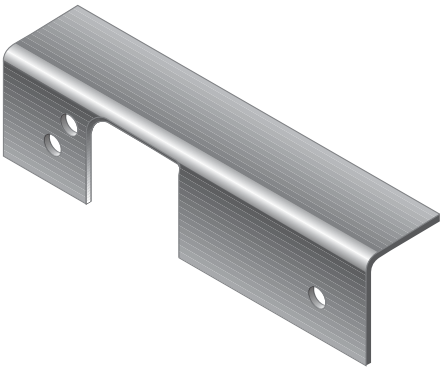
Tire	45° Down			22.5° Down			10° Down			0°			10° Up			22.5° Up			D	E
	H	B	C	H	B	C	H	B	C	H	B	C	H	B	C	H	B	C		
ST175/80R13	2.5	13.7	9.5	1.0	12.2	11.0	0.1	11.3	11.9	-0.5	10.7	12.5	-1.1	10.1	13.1	-1.8	9.4	13.8	11.2	12.0
4.80-8	2.5	10.4	6.3	1.0	8.9	7.8	0.1	8.0	8.7	-0.5	7.4	9.3	-1.1	6.8	9.9	-1.8	6.1	10.6	7.9	8.8
4.80-12	2.5	12.0	8.3	1.0	10.5	9.8	0.1	9.6	10.7	-0.5	9.0	11.3	-1.1	8.4	11.9	-1.8	7.7	12.6	9.5	10.8
20.5x8.0-10	2.5	12.2	8.3	1.0	10.7	9.8	0.1	9.8	10.7	-0.5	9.2	11.3	-1.1	8.6	11.9	-1.8	7.9	12.6	9.7	10.8

8 Bracket Dimensions



#8 BRACKET DIMENSIONS

Low	
A	1.00
B	2.38
C	8.00
D	7.75
E	10.00
F	2.88
G	2.00
J	1.57
Bolt Size	½" bolt
Tube Size	1.75



Side Mount Hanger

WHEELS

WHEELS

Part No.	Rim Size	Bolt Circle	Pilot Dia.	Offset	Capacity & psi	Type
017-213-xx	12 x 4JA	4 on 4.00	2.84	0	1045@90	Eight Spoke
017-227-xx	12 x 4JA	4 on 4.00	2.84	0	1045@90	Mini-Mod
017-148-xx	13 x 4½ JJ	4 on 4.00	2.50	.25 In	1250@50	Conventional
017-201-xx	13 x 4½ JJ	4 on 4.00	2.62	0	1100@50	Eight Spoke
017-214-xx	12 x 4JA	5 on 4.50	3.19	0	1045@90	Eight Spoke
017-228-xx	12 x 4JA	5 on 4.50	3.19	0	1045@90	Mini-Mod
017-078-xx	13 x 4½ JJ	5 on 4.50	2.62	.50 In	1480@50	Conventional
017-189-xx	13 x 4½ JJ	5 on 4.50	3.19	0	1480@50	Eight Spoke
017-229-xx†	13 x 4½ JJ	5 on 4.50	3.19	0	1660@65	Mini-Mod
017-323-xx	13 x 4½ JJ	5 on 4.50	3.19	0	1360@50	Directional-rivets

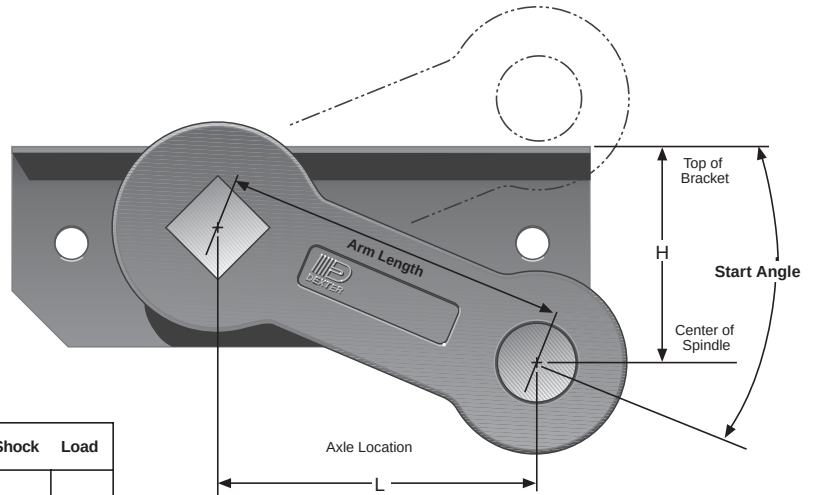
† 1660 capacity only on wheels manufactured after June 2001 with full 360° weld

XX specifies wheel color.
Not all colors are available on all wheels.
Standard colors available:
-14 Bright White
-15 Colonial White
-43 Silver
-52 Gray
-65 Black
-25 E-Coat only-no top coat
Fasteners and stud sizes-pages 86-87



Articulation Dimensions

Dimensions are for top mount only. Side mount is .25" higher. Allow 3" bump clearance from full load.



Start Angle	Bracket Type	No Load		Full Load		Shock Load	
		H	L	H	L	H	L
45° down	Standard	5.46	4.24	3.52	5.54	2.52	5.86
	Hi-Profile	6.33	4.24	4.38	5.54	3.38	5.86
22.5° down	Standard	3.52	5.54	1.22	6.00	0.18	5.91
	Hi-Profile	4.38	5.54	2.09	6.00	1.04	5.91
10° down	Standard	2.26	5.91	-0.08	5.86	-1.08	5.54
	Hi-Profile	3.13	5.91	0.79	5.86	-0.21	5.54
0°	Standard	1.22	6.00	-1.08	5.54	-2.00	5.06
	Hi-Profile	2.09	6.00	-0.21	5.54	-1.14	5.06
10° up	Standard	0.18	5.91	-2.00	5.06	-2.83	4.42
	Hi-Profile	1.04	5.91	-1.14	5.06	-1.97	4.42
22.5° up	Standard	-1.08	5.54	-3.02	4.24	-3.70	3.44
	Hi-Profile	-0.21	5.54	-2.16	4.24	-2.83	3.44

#9 OVERHANG PER SIDE

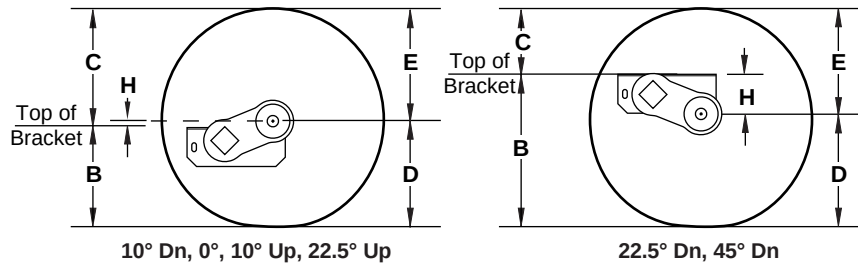
Spindle	Min.	Max.
Short	6.00"	10.90"
Standard	6.50"	10.90"

Note: Positive numbers in the H column indicate the spindle is BELOW the top of the bracket. Conversely, negative numbers are ABOVE the top of the bracket.



Full Load Dimensions

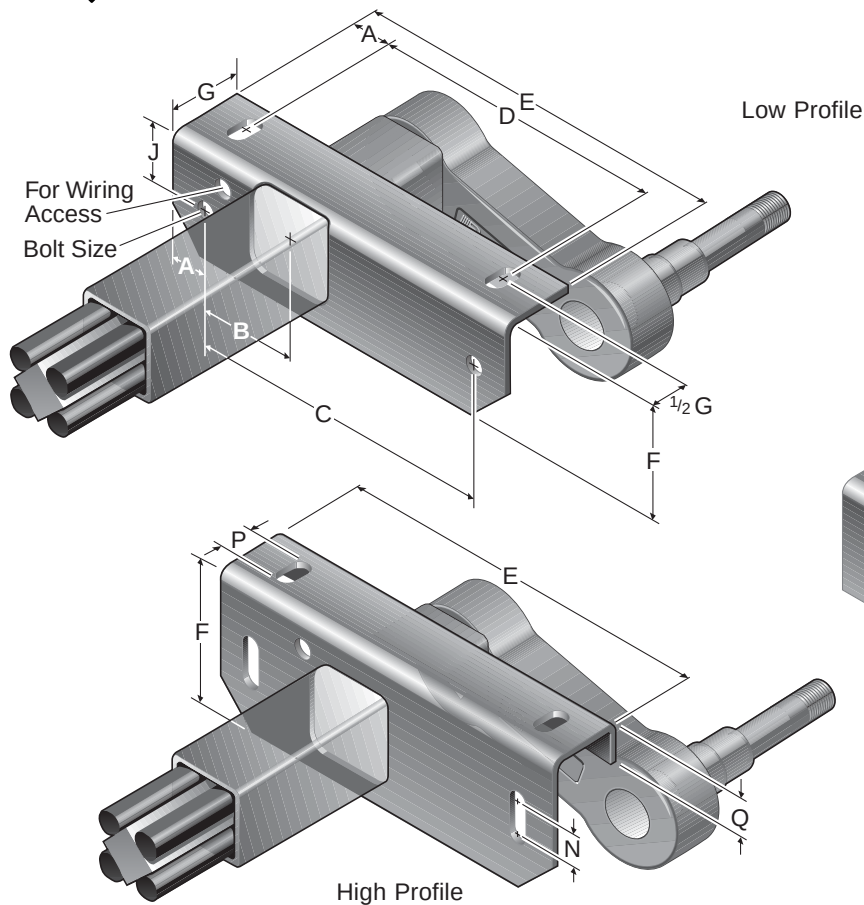
Dimensions are for low profile, top mount only. High profile brackets are .88" higher. Side mount is .25" higher. Allow 3" bump clearance from full load.



START ANGLE

Tire	45° Down			22.5° Down			10° Down			0°			10° Up			22.5° Up			D	E
	H	B	C	H	B	C	H	B	C	H	B	C	H	B	C	H	B	C		
ST175/80R13	3.5	14.7	8.5	1.2	12.4	10.8	-0.1	11.1	12.1	-1.1	10.1	13.1	-2.0	9.2	14.0	-3.0	8.2	15.0	11.2	12.0
4.80-8	3.5	11.4	5.3	1.2	9.1	7.6	-0.1	7.8	8.9	-1.1	6.8	9.9	-2.0	5.9	10.8	-3.0	4.9	11.8	7.9	8.8
4.80-12	3.5	13.0	7.3	1.2	10.7	9.6	-0.1	9.4	10.9	-1.1	8.4	11.9	-2.0	7.5	12.8	-3.0	6.5	13.8	9.5	10.8
20.5x8.0-10	3.5	13.2	7.3	1.2	10.9	9.6	-0.1	9.6	10.9	-1.1	8.6	11.9	-2.0	7.7	12.8	-3.0	6.7	13.8	9.7	10.8

9 Bracket Dimensions



#9 BRACKET DIMENSIONS

	Low	High
A	1.00	1.00
B	2.38	2.38
C	8.00	8.00
D	7.75	7.75
E	10.00	10.00
F	2.88	3.75
G	2.00	2.00
J	1.57	1.57
N	----	.86
P	----	.94
Q	----	1.00
Bolt Size	1/2" bolt	
Tube Size	2.17	2.17

1000 - 2200 LBS. CAPACITY

WHEELS

WHEELS

Part No.	Rim Size	Bolt Circle	Pilot Dia.	Offset	Capacity & psi	Type
017-213-xx	12 x 4JA	4 on 4.00	2.84	0	1045@90	Eight Spoke
017-227-xx	12 x 4JA	4 on 4.00	2.84	0	1045@90	Mini-Mod
017-148-xx	13 x 4 1/2 JJ	4 on 4.00	2.50	.25 In	1250@50	Conventional
017-201-xx	13 x 4 1/2 JJ	4 on 4.00	2.62	0	1100@50	Eight Spoke
017-214-xx	12 x 4JA	5 on 4.50	3.19	0	1045@90	Eight Spoke
017-228-xx	12 x 4JA	5 on 4.50	3.19	0	1045@90	Mini-Mod
017-078-xx	13 x 4 1/2 JJ	5 on 4.50	2.62	.50 In	1480@50	Conventional
017-189-xx	13 x 4 1/2 JJ	5 on 4.50	3.19	0	1480@50	Eight Spoke
017-229-xx†	13 x 4 1/2 JJ	5 on 4.50	3.19	0	1660@65	Mini-Mod
017-323-xx	13 x 4 1/2 JJ	5 on 4.50	3.19	0	1360@50	Directional-rivets

† 1660 capacity only on wheels manufactured after June 200 with full 360° weld

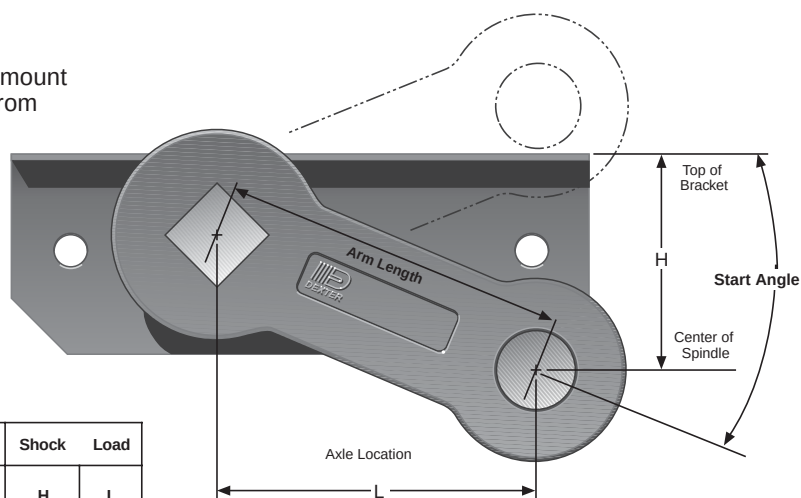
XX specifies wheel color.
Not all colors are available on all wheels.
Standard colors available:
-14 Bright White
-15 Colonial White
-43 Silver
-52 Gray
-65 Black
-25 E-Coat only-no top coat
Fasteners and stud sizes-pages 86-87

DEXTER AXLE

TORFLEX® APPLICATION INFORMATION

**Articulation Dimensions**

Dimensions are for top mount only. Side mount is .25" higher. Allow 3" bump clearance from full load.



Start Angle	Bracket Type	No Load		Full Load		Shock Load	
		H	L	H	L	H	L
45° down	Standard	5.73	4.24	3.79	5.54	2.79	5.86
	Hi-Profile	6.55	4.24	4.61	5.54	3.61	5.86
22.5° down	Standard	3.79	5.54	1.49	6.00	0.45	5.91
	Hi-Profile	4.61	5.54	2.31	6.00	1.27	5.91
10° down	Standard	2.53	5.91	0.19	5.86	-0.81	5.54
	Hi-Profile	3.35	5.91	1.01	5.86	0.01	5.54
0°	Standard	1.49	6.00	-0.81	5.54	-1.73	5.06
	Hi-Profile	2.31	6.00	0.01	5.54	-0.91	5.06
10° up	Standard	0.45	5.91	-1.73	5.06	-2.56	4.42
	Hi-Profile	1.27	5.91	-0.91	5.06	-1.74	4.42
22.5° up	Standard	-0.81	5.54	-2.75	4.24	-3.43	3.44
	Hi-Profile	0.01	5.54	-1.93	4.24	-2.60	3.44

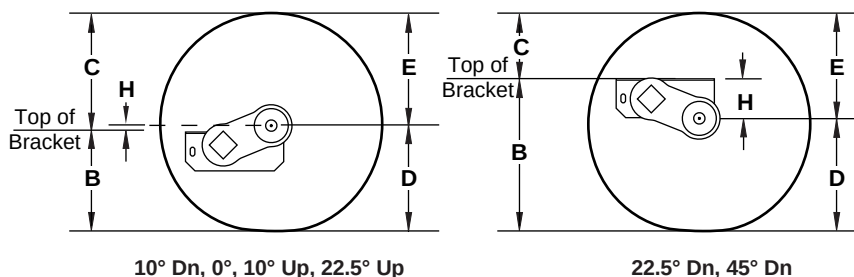
#10 OVERHANG PER SIDE

Spindle	Min.	Max.
Standard	6.30"	11.80"
Disc Brake	6.56"	11.80"

Note: Positive numbers in the H column indicate the spindle is BELOW the top of the bracket. Conversely, negative numbers are ABOVE the top of the bracket.

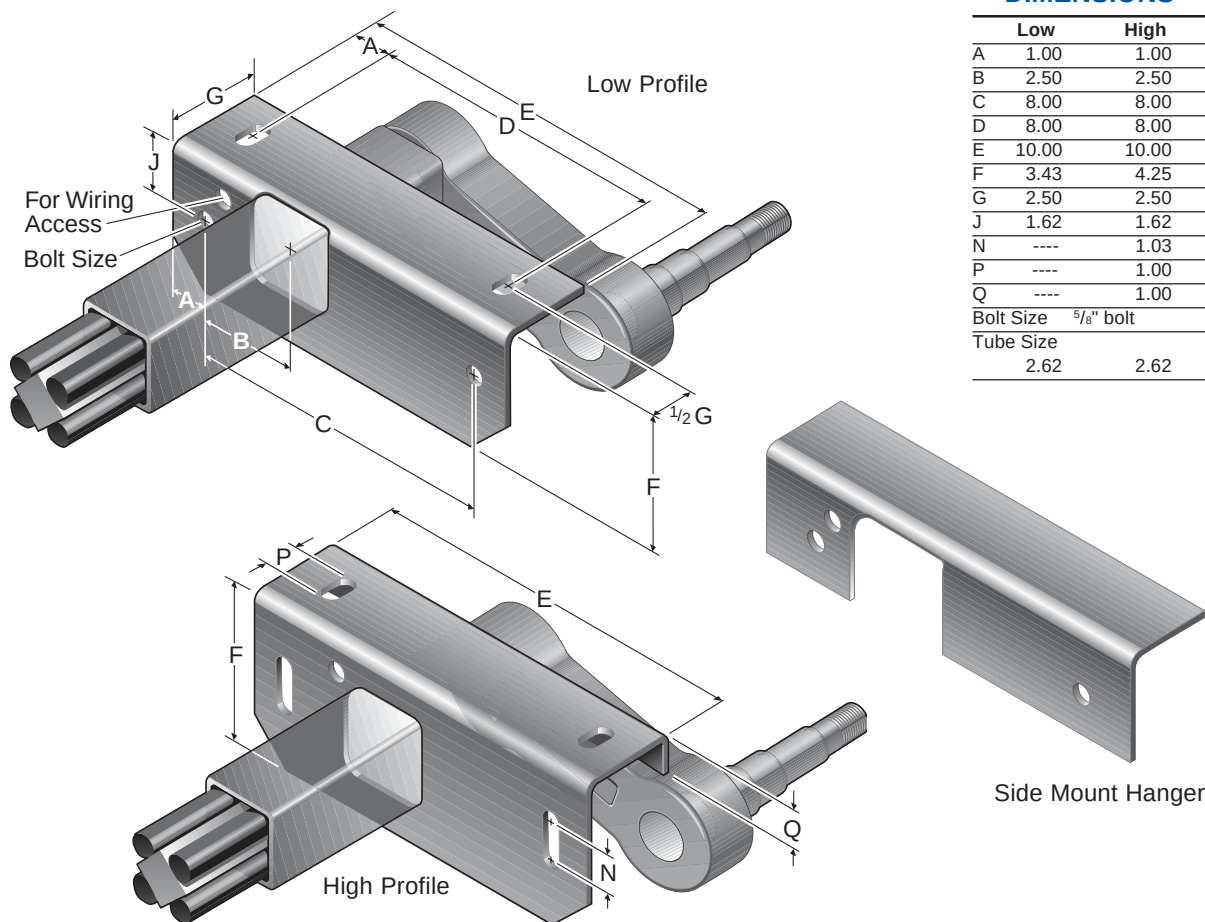
**Full Load Dimensions**

Dimensions are for low profile, top mount only. High profile brackets are .75" higher. Side mount is .25" higher. Allow 3" bump clearance from full load.

**START ANGLE**

Tire	45° Down			22.5° Down			10° Down			0°			10° Up			22.5° Up			D	E
	H	B	C	H	B	C	H	B	C	H	B	C	H	B	C	H	B	C		
ST175/80R13	3.8	15.0	8.2	1.5	12.7	10.5	0.2	11.4	11.8	-0.8	10.4	12.8	-1.7	9.5	13.7	-2.8	8.4	14.8	11.2	12.0
ST205/75R14	3.8	15.9	9.3	1.5	13.6	11.6	0.2	12.3	12.9	-0.8	11.3	13.9	-1.7	10.4	14.8	-2.8	9.3	15.9	12.1	13.1
ST225/75R15	3.8	16.8	10.6	1.5	14.5	12.9	0.2	13.2	14.2	-0.8	12.2	15.2	-1.7	11.3	16.1	-2.8	10.2	17.2	13.0	14.4

#10 Bracket Dimensions



#10 BRACKET DIMENSIONS

	Low	High
A	1.00	1.00
B	2.50	2.50
C	8.00	8.00
D	8.00	8.00
E	10.00	10.00
F	3.43	4.25
G	2.50	2.50
J	1.62	1.62
N	----	1.03
P	----	1.00
Q	----	1.00
Bolt Size	⁵ / ₈ " bolt	
Tube Size	2.62	2.62

WHEELS

WHEELS

Part No.	Rim Size	Bolt Circle	Pilot Dia.	Offset	Capacity & psi	Type	Nev-R-Lube™ Use
017-078-xx	13 x 4 ¹ / ₂ JJ	5 on 4.50	2.62	.50 In	1480@50	Conventional	N
017-189-xx	13 x 4 ¹ / ₂ JJ	5 on 4.50	3.19	0	1480@50	Eight Spoke	N
017-229-xx†	13 x 4 ¹ / ₂ JJ	5 on 4.50	3.19	0	1660@65	Mini-Mod	N
017-114-xx	14 x 5 ¹ / ₂ JJ	5 on 4.50	2.62	.50 In	1865@50	Conventional	N
017-142-xx	14 x 5 ¹ / ₂ JJ	5 on 4.50	3.19	0	1865@50	Eight Spoke	N
017-324-xx	14 x 5 ¹ / ₂ JJ	5 on 4.50	3.19	0	1870@50	Directional-rivets	N
017-230-xx	14 x 5 ¹ / ₂ JJ	5 on 4.50	3.19	0	1865@50	Mini-Mod	N
017-115-xx	15 x 5JJ	5 on 4.50	2.62	.50 In	1820@50	Conventional	N
017-143-xx	15 x 5JJ	5 on 4.50	3.19	0	1820@50	Eight Spoke	N
017-231-xx	15 x 5JJ	5 on 4.50	3.19	0	1820@50	Mini-Mod	N
017-325-xx	15 x 5JJ	5 on 4.50	3.19	0	1820@50	Directional-rivets	N
017-347-xx	15 x 5JJ	5 on 4.50	3.19	0	1820@50	Tri-Oval	N
017-117-xx	15 x 6JJ	5 on 4.50	2.62	.50 In	1820@75	Conventional	N
017-232-xx	15 x 6JJ	5 on 4.50	3.19	0	2050@75	Mini-Mod	N
017-149-xx	15 x 6JJ	5 on 4.50	3.19	0	2050@75	Eight Spoke	N
017-345-xx	15 x 6JJ	5 on 4.50	3.19	0	2050@75	Tri-Oval	N
017-116-xx	15 x 5JJ	6 on 5.50	3.65	0	1680@50	Conventional	Y
017-118-xx	15 x 6JJ	6 on 5.50	3.65	0	2600@75	Conventional	Y
017-144-xx	15 x 6JJ	6 on 5.50	4.27	0	2600@75	Eight Spoke	Y
017-233-xx	15 x 6JJ	6 on 5.50	4.27	0	2600@75	Mini-Mod	Y
017-326-xx	15 x 6JJ	6 on 5.50	4.27	0	2600@75	Directional-rivets	Y
017-348-xx	15 x 6JJ	6 on 5.50	4.27	0	2600@75	Tri-Oval	Y

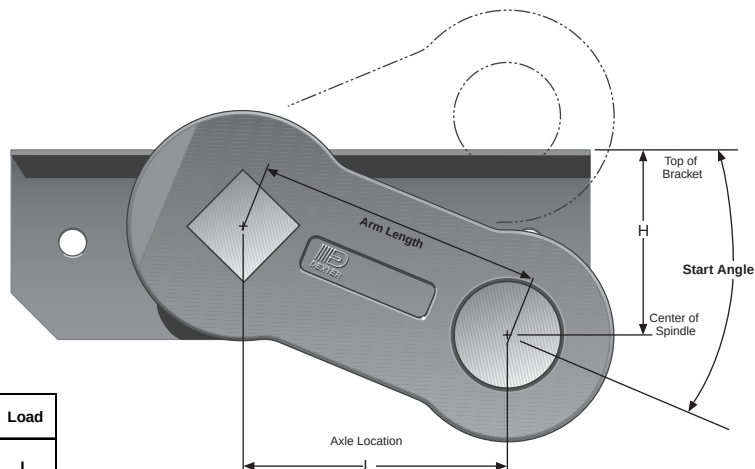
† 1660 capacity only on wheels manufactured after June 2001 with full 360° weld

XX specifies wheel color.
Not all colors are available on all wheels.
Standard colors available:
-14 Bright White
-15 Colonial White
-43 Silver
-52 Gray
-65 Black
-25 E-Coat only-no top coat
Fasteners and stud sizes-pages 86-87



Articulation Dimensions

Dimensions are for top mount only. Side mount is .25 higher. Allow 3" bump clearance from full load.



Start Angle	Bracket Type	No Load		Full Load		Shock Load	
		H	L	H	L	H	L
45° down	Standard	6.01	4.24	4.06	5.54	3.06	5.86
	Hi-Profile	6.76	4.24	4.81	5.54	3.81	5.86
22.5° down	Standard	4.06	5.54	1.77	6.00	0.72	5.91
	Hi-Profile	4.81	5.54	2.52	6.00	1.47	5.91
10° down	Standard	2.81	5.91	0.47	5.86	-0.53	5.54
	Hi-Profile	3.56	5.91	1.22	5.86	0.22	5.54
0°	Standard	1.77	6.00	-0.53	5.54	-1.46	5.06
	Hi-Profile	2.52	6.00	0.22	5.54	-0.71	5.06
10° up	Standard	0.72	5.91	-1.46	5.06	-2.29	4.42
	Hi-Profile	1.47	5.91	-0.71	5.06	-1.54	4.42
22.5° up	Standard	-0.53	5.54	-2.48	4.24	-3.15	3.44
	Hi-Profile	0.22	5.54	-1.73	4.24	-2.40	3.44

#11 OVERHANG PER SIDE

Spindle	Min.	Disc*	Max.
Short	7.00"	7.50"	10.22"
Standard	7.47"	7.50"	10.22"

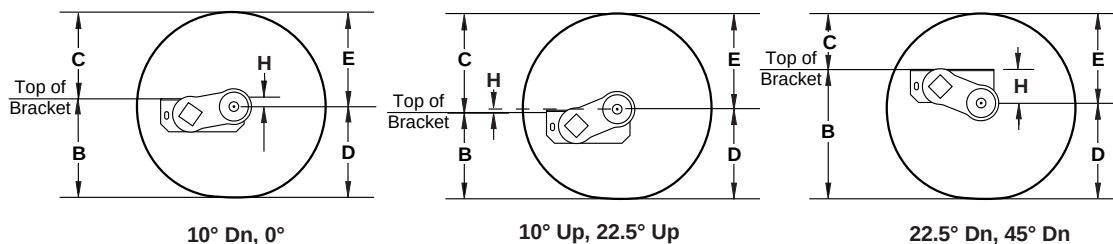
* Minimum overhang with disc brakes

Note: Positive numbers in the H column indicate the spindle is BELOW the top of the bracket. Conversely, negative numbers are ABOVE the top of the bracket.



Full Load Dimensions

Dimensions are for low profile, top mount only. High profile brackets are .75" higher. Side mount is .25" higher. Allow 3" bump clearance from full load.



START ANGLE

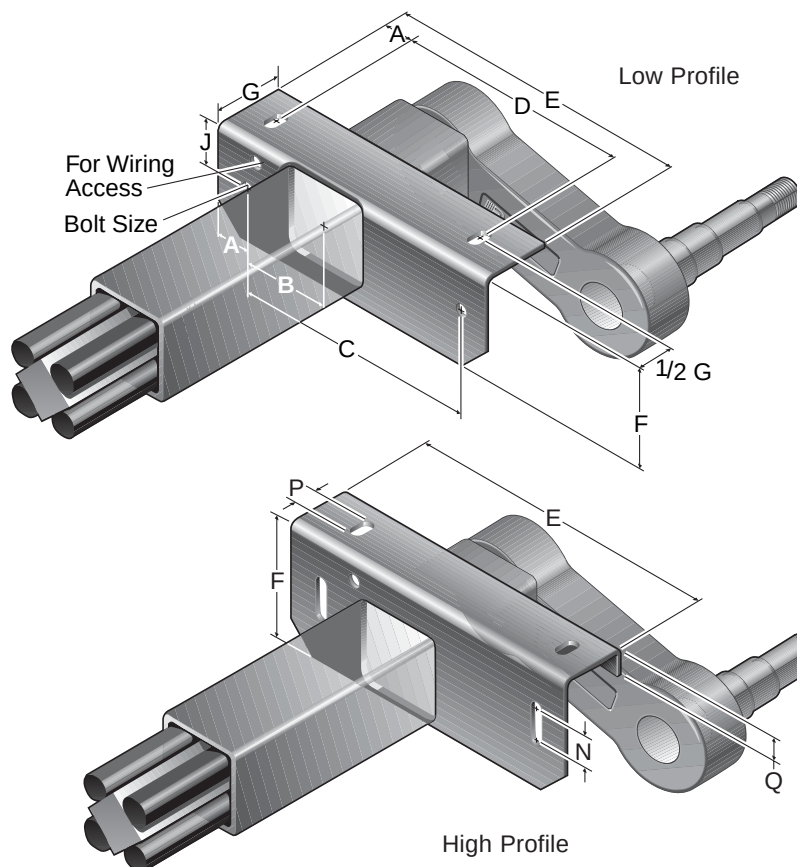
Tire	45° Down			22.5° Down			10° Down			0°			10° Up			22.5° Up			D	E
	H	B	C	H	B	C	H	B	C	H	B	C	H	B	C	H	B	C		
ST225/75R15	4.1	17.1	10.3	1.8	14.8	12.6	0.5	13.5	13.9	-0.5	12.5	14.9	-1.5	11.5	15.9	-2.5	10.5	16.9	13.0	14.4
LT235/85R16	4.1	18.4	11.3	1.8	16.1	13.6	0.5	14.8	14.9	-0.5	13.8	15.9	-1.5	12.8	16.9	-2.5	11.8	17.9	14.3	15.4
LT225/75R16	4.1	17.6	10.8	1.8	15.3	13.1	0.5	14.0	14.4	-0.5	13.0	15.4	-1.5	12.0	16.4	-2.5	11.0	17.4	13.5	14.9
8.75R16.5 LT	4.1	17.9	10.7	1.8	15.6	13.0	0.5	14.3	14.3	-0.5	13.3	15.3	-1.5	12.3	16.3	-2.5	11.3	17.3	13.8	14.8

TORFLEX® APPLICATION INFORMATION

4000 - 6000 LBS. CAPACITY



Bracket Dimensions



#11 BRACKET DIMENSIONS

	Low	High
A	1.25	1.25
B	3.50	3.50
C	9.50	9.50
D	9.00	9.00
E	12.00	12.00
F	3.91	4.66
G	2.50	2.50
J	1.83	1.83
N	----	1.03
P	----	1.00
Q	----	1.00
Bolt Size	$\frac{5}{16}$ " bolt	
Tube Size	3.03	3.03

Side Mount Hanger

WHEELS

WHEELS

Part No.	Rim Size	Bolt Circle	Pilot Dia.	Offset	Capacity & psi	Type	Nev-R-Lube™ Use
017-118-xx	15 x 6JJ	6 on 5.50	3.65	0	2600@75	Conventional	N
017-144-xx	15 x 6JJ	6 on 5.50	4.27	0	2600@75	Eight Spoke	Y
017-233-xx	15 x 6JJ	6 on 5.50	4.27	0	2600@75	Mini-Mod	Y
017-326-xx	15 x 6JJ	6 on 5.50	4.27	0	2600@75	Directional-rivets	Y
017-348-xx	15 x 6JJ	6 on 5.50	4.27	0	2600@75	Tri-Oval	Y
017-243-xx	16 x 6K	6 on 5.50	4.27	0	3040@80	Eight Spoke	Y
017-235-xx	16 x 6K	6 on 5.50	3.65	0	3040@80	Conventional	N
017-255-xx	16 x 6K	6 on 5.50	4.27	0	3040@80	Mini-Mod	Y
017-153-xx	16 x 6K	8 on 6.50	4.89	.50 In	3750@110	Conventional	Y
017-162-xx†	16 x 6K	8 on 6.50	4.90	0	3750@110	Eight Spoke	Y
017-281-xx	16 x 6K	8 on 6.50	4.90	.50 In	3750@110	Mini-Mod	Y

† 3750 capacity only on wheels manufactured after November 2000 with full 360° weld

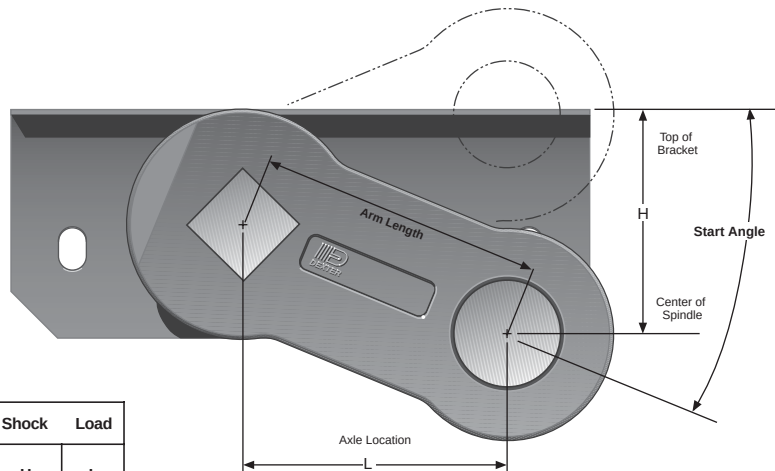
XX specifies wheel color.
Not all colors are available on all wheels.
Standard colors available:
-14 Bright White
-15 Colonial White
-43 Silver
-52 Gray
-65 Black
-25 E-Coat only-no top coat
Fasteners and stud sizes-pages 86-87

DEXTER AXLE



Articulation Dimensions

Dimensions are for top mount only. Side mount is .31" higher. Allow 3" bump clearance from full load.



Start Angle	Bracket Type	No Load		Full Load		Shock Load	
		H	L	H	L	H	L
45° down	Standard	6.24	4.24	4.30	5.54	3.30	5.86
	Hi-Profile	6.99	4.24	5.05	5.54	4.05	5.86
22.5° down	Standard	4.30	5.54	2.00	6.00	0.96	5.91
	Hi-Profile	5.05	5.54	2.75	6.00	1.71	5.91
10° down	Standard	3.04	5.91	0.70	5.86	-0.30	5.54
	Hi-Profile	3.79	5.91	1.45	5.86	0.45	5.54
0°	Standard	2.00	6.00	-0.30	5.54	-1.22	5.06
	Hi-Profile	2.75	6.00	0.45	5.54	-0.47	5.06
10° up	Standard	0.96	5.91	-1.22	5.06	-2.05	4.42
	Hi-Profile	1.71	5.91	-0.47	5.06	-1.30	4.42
22.5° up	Standard	-0.30	5.54	-2.24	4.24	-2.91	3.44
	Hi-Profile	0.45	5.54	-1.49	4.24	-2.16	3.44

#12 OVERHANG PER SIDE

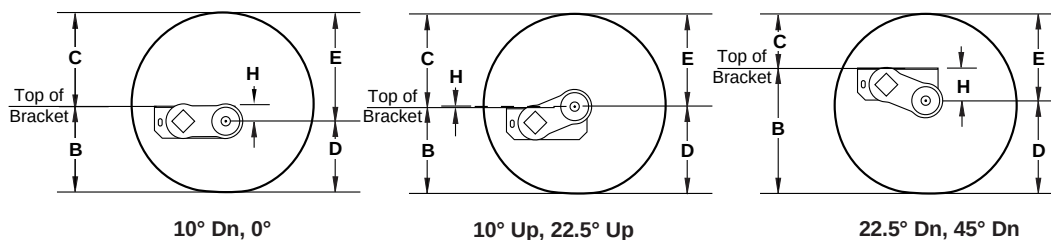
Spindle	Min.	Max.
Standard	7.47"	15.20"
Short	7.00"	15.20"

Note: Positive numbers in the H column indicate the spindle is BELOW the top of the bracket. Conversely, negative numbers are ABOVE the top of the bracket.



Full Load Dimensions

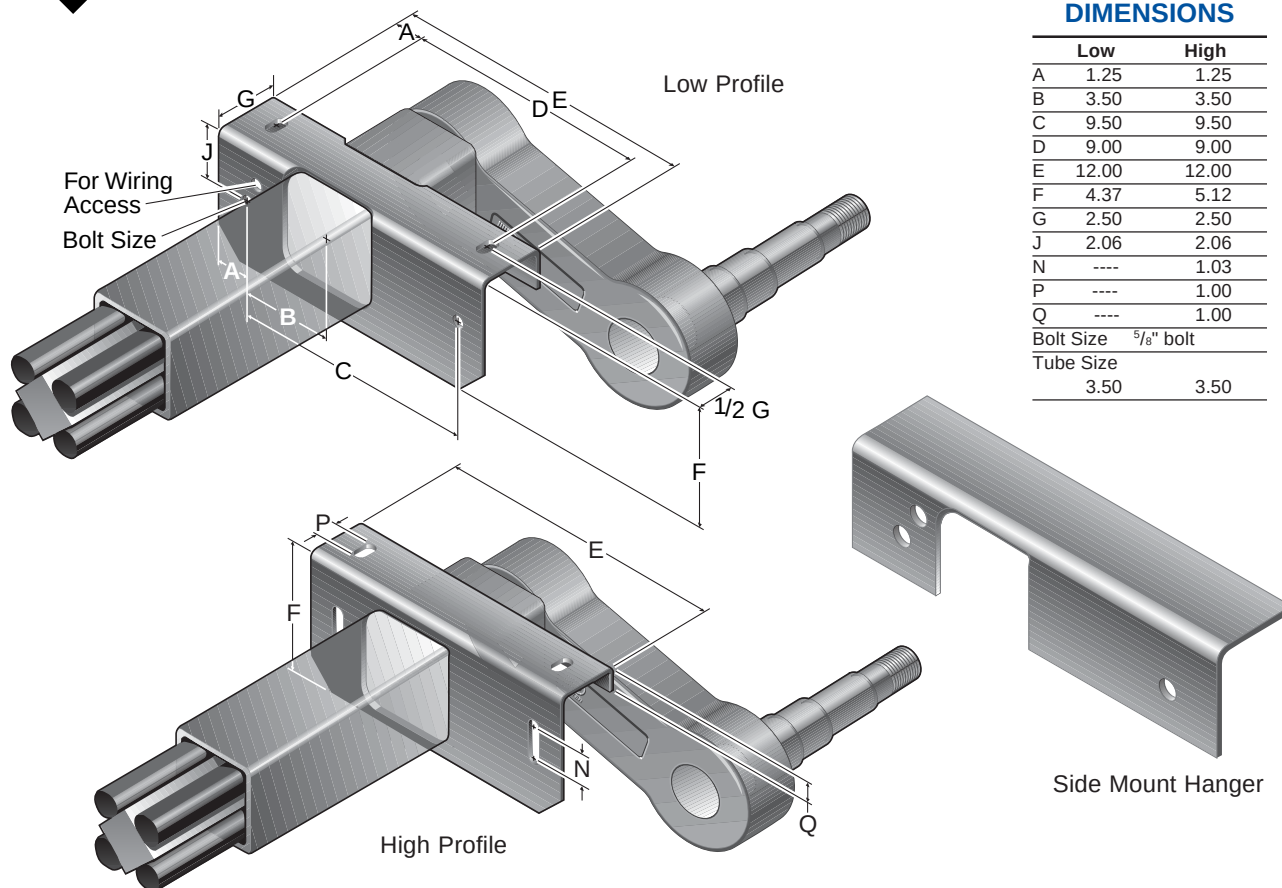
Dimensions are for low profile, top mount only. High profile brackets are .75" higher. Side mount is .31" higher. Allow 3" bump clearance from full load.



START ANGLE

Tire	45° Down			22.5° Down			10° Down			0°			10° Up			22.5° Up			D	E
	H	B	C	H	B	C	H	B	C	H	B	C	H	B	C	H	B	C		
LT235/85R16	4.3	18.6	11.1	2.0	16.3	13.4	0.7	15.0	14.7	-0.3	14.0	15.7	-1.2	13.1	16.6	-2.2	12.1	17.6	14.3	15.4
7.50-16LT	4.3	19.2	12.4	2.0	16.9	14.7	0.7	15.6	16.0	-0.3	14.6	17.0	-1.2	13.7	17.9	-2.2	12.7	18.9	14.9	16.7
9.50-16.5LT	4.3	18.4	10.9	2.0	16.1	13.2	0.7	14.8	14.5	-0.3	13.8	15.5	-1.2	12.9	16.4	-2.2	11.9	17.4	14.1	15.2

12 Bracket Dimensions



WHEELS

WHEELS

Part No.	Rim Size	Bolt Circle	Pilot Dia.	Offset	Capacity & psi	Type	Nev-R-Lube™ Use
017-153-xx	16 x 6K	8 on 6.50	4.89	.50 In	3750@110	Conventional	Y
017-162-xx†	16 x 6K	8 on 6.50	4.90	0	3750@110	Eight Spoke	Y
017-281-xx	16 x 6K	8 on 6.50	4.90	.50 In	3750@110	Mini-Mod	Y
017-343-xx	16 x 6K	8 on 6.50	4.90	0	3750@110	Tri-Oval	Y
017-244-xx	16.5 x 6.75	6 on 5.50	4.27	0	3040@80	Eight Spoke	Y
017-257-xx	16.5 x 6.75	6 on 5.50	4.27	0	3040@80	Mini-Mod	Y
017-236-xx	16.5 x 6.75	6 on 5.50	3.65	0	3040@80	Conventional	N
017-301-xx	16.5 x 6.75	6 on 5.50	3.65	.50 In	3040@80	Conventional	N
017-154-xx	16.5 x 6.75	8 on 6.50	4.89	.50 In	3530@90	Conventional	Y
017-163-xx	16.5 x 6.75	8 on 6.50	4.90	0	3530@90	Eight Spoke	Y
017-280-xx	16.5 x 6.75	8 on 6.50	4.90	.50 In	3530@90	Mini-Mod	Y
017-296-xx	16.5 x 6.75	8 on 6.50	4.90	0	3530@90	Mini-Mod	Y
017-293-xx	16 x 6K	8 on 6.50	4.90	0	3750@110	Mini-Mod	Y
017-302-xx	16 x 6K	8 on 6.50	4.89	.50 In	3750@110	Conventional	Y
017-308-xx	16 x 6K	8 on 6.50	4.89	0	3750@110	Eight Spoke	Y
017-309-xx	16 x 6K	8 on 6.50	4.89	.50 In	3750@110	Mini-Mod	Y
017-310-xx	16 x 6K	8 on 6.50	4.89	0	3750@110	Mini-Mod	Y
017-053-xx	14.5 x 6.00	MH Rim			2790@100	Demountable	N
017-048-xx	14.5 x 7.00	MH Rim			3230@100	Demountable	N

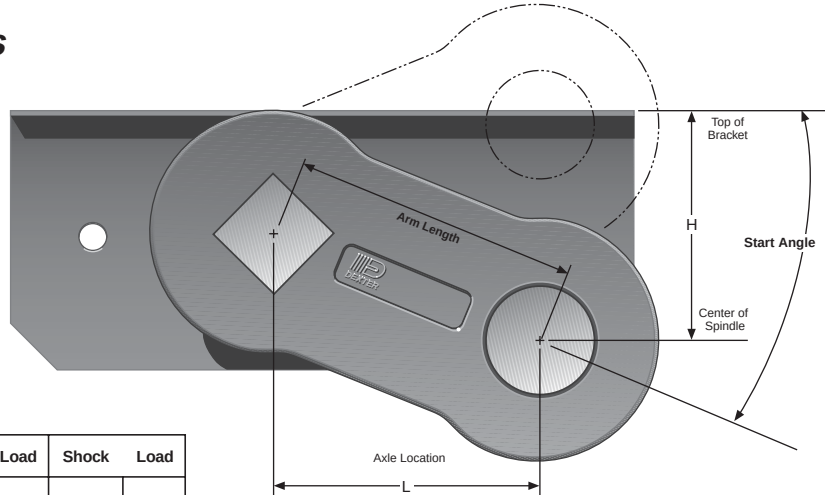
† 3750 capacity only on wheels manufactured after November 2000 with full 360° weld

XX specifies wheel color.
Not all colors are available on all wheels.
Standard colors available:
-14 Bright White
-15 Colonial White
-43 Silver
-52 Gray
-65 Black
-25 E-Coat only-no top coat
Fasteners and stud sizes-pages 86-87



Articulation Dimensions

Dimensions are for top mount only. Side mount is .31" higher. Allow 3" bump clearance from full load position.



Start Angle	Bracket Type	No Load		Full Load		Shock Load	
		H	L	H	L	H	L
45° down	Standard	6.24	4.24	4.30	5.54	3.30	5.86
	Hi-Profile	6.99	4.24	5.05	5.54	4.05	5.86
22.5° down	Standard	4.30	5.54	2.00	6.00	0.96	5.91
	Hi-Profile	5.05	5.54	2.75	6.00	1.71	5.91
10° down	Standard	3.04	5.91	0.70	5.86	-0.30	5.54
	Hi-Profile	3.79	5.91	1.45	5.86	0.45	5.54
0°	Standard	2.00	6.00	-0.30	5.54	-1.22	5.06
	Hi-Profile	2.75	6.00	0.45	5.54	-0.47	5.06
10° up	Standard	0.96	5.91	-1.22	5.06	-2.05	4.42
	Hi-Profile	1.71	5.91	-0.47	5.06	-1.30	4.42
22.5° up	Standard	-0.30	5.54	-2.24	4.24	-2.91	3.44
	Hi-Profile	0.45	5.54	-1.49	4.24	-2.16	3.44

#12V OVERHANG PER SIDE

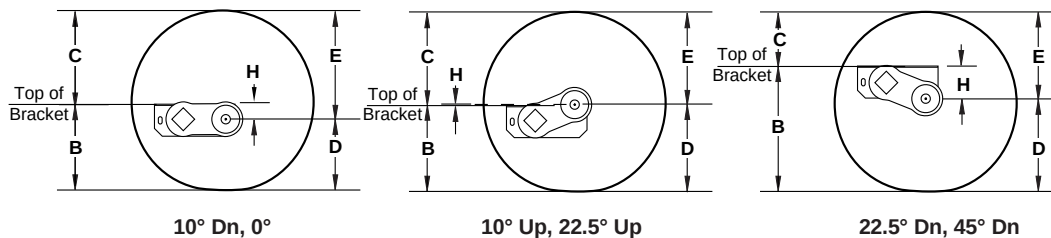
Spindle	Min.	Max.
Standard	7.00"	14.77"

Note: Positive numbers in the H column indicate the spindle is BELOW the top of the bracket. Conversely, negative numbers are ABOVE the top of the bracket.



Full Load Dimensions

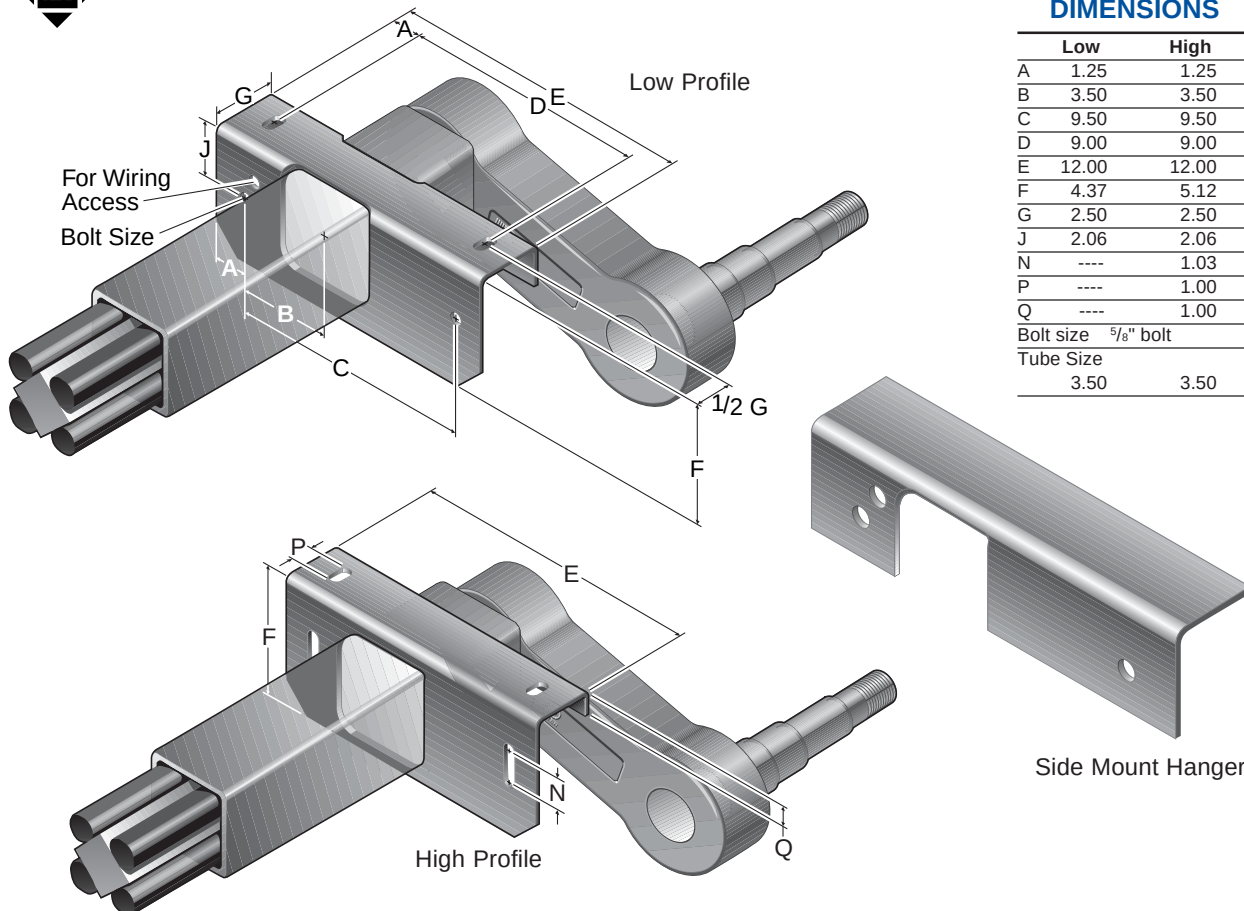
Dimensions are for low profile, top mount only. High profile brackets are .75" higher. Side mount is .31" higher. Allow 3" bump clearance from full load position.



START ANGLE

Tire	45° Down			22.5° Down			10° Down			0°			10° Up			22.5° Up			D	E
	H	B	C	H	B	C	H	B	C	H	B	C	H	B	C	H	B	C		
LT235/85R16	4.3	18.6	11.1	2.0	16.3	13.4	0.7	15.0	14.7	-0.3	14.0	15.7	-1.2	13.1	16.6	-2.2	12.1	17.6	14.3	15.4
7.50-16LT	4.3	19.2	12.4	2.0	16.9	14.7	0.7	15.6	16.0	-0.3	14.6	17.0	-1.2	13.7	17.9	-2.2	12.7	18.9	14.9	16.7
9.50-16.5LT	4.3	18.4	10.9	2.0	16.1	13.2	0.7	14.8	14.5	-0.3	13.8	15.5	-1.2	12.9	16.4	-2.2	11.9	17.4	14.1	15.2

12V Bracket Dimensions



WHEELS

WHEELS						
Part No.	Rim Size	Bolt Circle	Pilot Dia.	Offset	Capacity & psi	Type
017-281-xx	16 x 6K	8 on 6.50	4.90	.50 In	3750@110	Mini-Mod
017-162-xx†	16 x 6K	8 on 6.50	4.90	0	3750@110	Conventional
017-302-xx	16 x 6K	8 on 6.50	4.89	.50 In	3750@110	Conventional
017-308-xx	16 x 6K	8 on 6.50	4.89	0	3750@110	Eight Spoke
017-309-xx	16 x 6K	8 on 6.50	4.89	.50 In	3750@110	Mini-Mod
017-310-xx	16 x 6K	8 on 6.50	4.89	0	3750@110	Mini-Mod
017-163-xx	16.5 x 6.75	8 on 6.50	4.90	0	3530@90	Eight Spoke
017-107-xx	16.5 x 9.75	8 on 6.50	4.78	.50 In	4000@75	Conventional
017-215-xx	16.5 x 9.75	8 on 6.50	4.78	.30 Out	4000@75	Conventional
017-241-xx	17.5 x 6.75HC	8 on 6.50	4.75	.19 In	4500@125	Conventional
017-240-xx	17.5 x 6.75HC	8 on 6.50	4.75	.31 Out	4500@125	Conventional
017-351-xx	17.5 x 6.75HC	8 on 6.50	4.75	0	4805@125	Aluminum

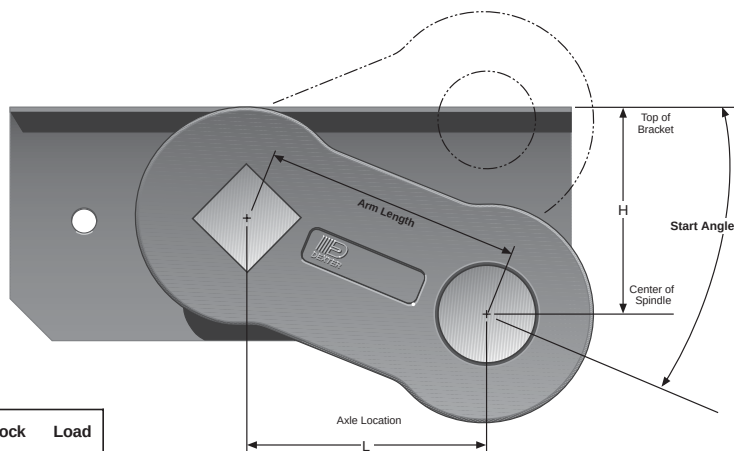
† 3750 capacity only on wheels manufactured after November 2000 with full 360° weld

XX specifies wheel color.
 Not all colors are available on all wheels.
 Standard colors available:
 -14 Bright White
 -15 Colonial White
 -43 Silver
 -52 Gray
 -65 Black
 -25 E-Coat only-no top coat
 Fasteners and stud sizes-pages 86-87

TORFLEX® APPLICATION INFORMATION

#13 Articulation Dimensions

Dimensions are for top mount only. Side mount is .31" higher. Allow 3" bump clearance from full load position.



Start Angle	Bracket Type	No Load		Full Load		Shock Load	
		H	L	H	L	H	L
45° down	Standard	6.49	4.24	4.55	5.54	3.55	5.86
	Hi-Profile	7.18	4.24	5.24	5.54	4.24	5.86
22.5° down	Standard	4.55	5.54	2.25	6.00	1.21	5.91
	Hi-Profile	5.24	5.54	2.94	6.00	1.90	5.91
10° down	Standard	3.29	5.91	0.95	5.86	-0.05	5.54
	Hi-Profile	3.98	5.91	1.64	5.86	0.64	5.54
0°	Standard	2.25	6.00	-0.05	5.54	-0.97	5.06
	Hi-Profile	2.94	6.00	0.64	5.54	-0.28	5.06
10° up	Standard	1.21	5.91	-0.97	5.06	-1.80	4.42
	Hi-Profile	1.90	5.91	-0.28	5.06	-1.11	4.42
22.5° up	Standard	-0.05	5.54	-1.99	4.24	-2.66	3.44
	Hi-Profile	0.64	5.54	-1.30	4.24	-1.97	3.44

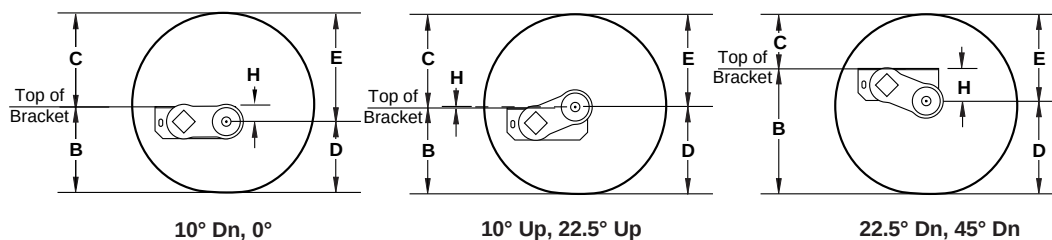
#13 OVERHANG PER SIDE

Spindle	Min.	Max.
Short	8.50"	21.50"
Standard	9.00"	21.50"

Note: Positive numbers in the H column indicate the spindle is BELOW the top of the bracket. Conversely, negative numbers are ABOVE the top of the bracket.

#13 Full Load Dimensions

Dimensions are for low profile, top mount only. High profile brackets are .75" higher. Side mount is .31" higher. Allow 3" bump clearance from full load.



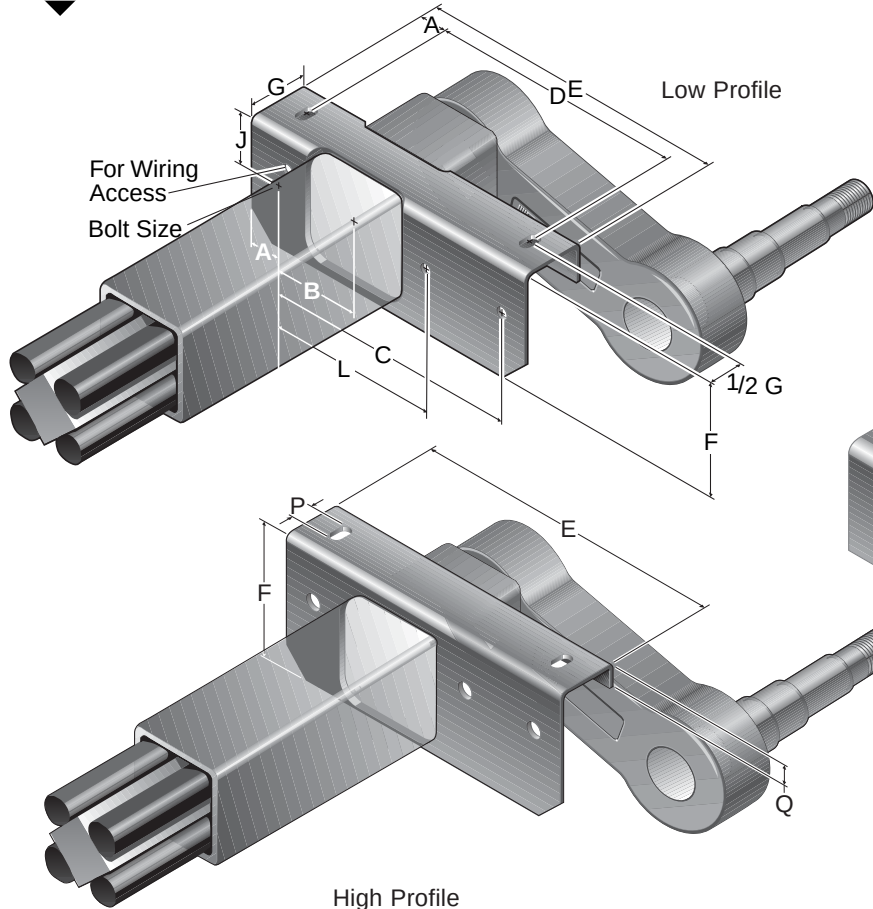
START ANGLE

Tire	45° Down			22.5° Down			10° Down			0°			10° Up			22.5° Up			D	E
	H	B	C	H	B	C	H	B	C	H	B	C	H	B	C	H	B	C		
10R17.5 HC	4.6	20.2	13.4	2.3	17.9	15.7	1.0	16.6	17.0	-0.1	15.5	18.1	-1.0	14.6	19.0	-2.0	13.6	20.0	15.6	18.0
215/75R 17.5	4.6	18.6	10.7	2.3	16.3	13.0	1.0	15.0	14.3	-0.1	13.9	15.4	-1.0	13.0	16.3	-2.0	12.0	17.3	14.0	15.3
12-16.5 LT	4.6	19.5	11.2	2.3	17.2	13.5	1.0	15.9	14.8	-0.1	14.8	15.9	-1.0	13.9	16.8	-2.0	12.9	17.8	14.9	15.8
9.50-16.5 LT	4.6	18.7	10.6	2.3	16.4	12.9	1.0	15.1	14.2	-0.1	14.0	15.3	-1.0	13.1	16.2	-2.0	12.1	17.2	14.1	15.2
9R 17.5 HC	4.6	20.0	12.5	2.3	17.7	14.8	1.0	16.4	16.1	-0.1	15.3	17.2	-1.0	14.4	18.1	-2.0	13.4	19.1	15.4	17.1

TORFLEX® APPLICATION INFORMATION

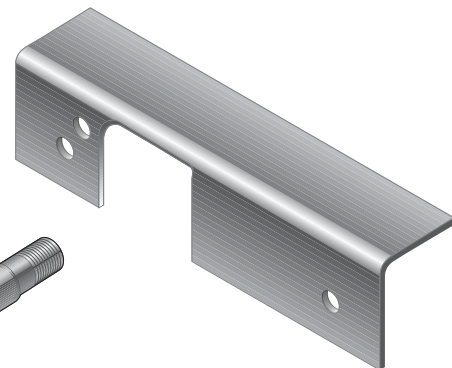
8000 LBS. CAPACITY

13 Bracket Dimensions



#13 BRACKET DIMENSIONS

	Low	High
A	1.22	1.22
B	3.63	3.63
C	10.56	10.56
D	10.56	10.56
E	13.00	13.00
F	4.81	5.50
G	2.50	2.50
J	2.25	2.25
L	7.26	7.26
P	----	1.00
Q	----	1.00
Bolt size 5/8" bolt		
Tube Size		
	3.88	3.88



Side Mount Hanger

WHEELS

WHEELS

Part No.	Rim Size	Bolt Circle	Pilot Dia.	Offset	Capacity & psi	Type	Nev-R-Lube™ Use
017-302-xx	16 x 6K	8 on 6.50	4.89	.50 In	3750@110	Conventional	N
017-308-xx	16 x 6K	8 on 6.50	4.89	0	3750@110	Eight Spoke	Y
017-309-xx	16 x 6K	8 on 6.50	4.89	.50 In	3750@110	Mini-Mod	N
017-310-xx	16 x 6K	8 on 6.50	4.89	0	3750@110	Mini-Mod	Y
017-107-xx	16.5 x 9.75	8 on 6.50	4.78	.50 In	4000@75	Conventional	N
017-215-xx	16.5 x 9.75	8 on 6.50	4.78	.30 Out	4000@75	Conventional	N
017-241-xx	17.5 x 6.75HC	8 on 6.50	4.75	.19 In	4500@125	Conventional	Y
017-240-xx	17.5 x 6.75HC	8 on 6.50	4.75	.31 Out	4500@125	Conventional	N
017-351-xx	17.5 x 6.75HC	8 on 6.50	4.75	0	4805@125	Aluminum	Y

XX specifies wheel color.

Not all colors are available on all wheels.

Standard colors available:

-14 Bright White

-15 Colonial White

-43 Silver

-52 Gray

-65 Black

-25 E-Coat only-no top coat

Fasteners and stud sizes-pages 86-87

DEXTER AXLE