



Sample p/n>>>

CLT25	(-)				(-)															
Suspension Configuration					Axle Config Axle Configuration							Wheel End Configuration								
CLT25	W1	(-)	14	X0	0	(-)	PN	(-)	71	2	0	2	6	ABSC	(-)	FH	1	0	0	0
Model Number	Hanger Style		Ride Height	Hanger Support	Shock Strap		Axle Type		Axle Track	Wheel End	Drum Stud	Brake Chamber	Slack Adjuster	ABS Sensor		Hub Material	Wheel Lubrication	Extra Wheel Fasteners (2/side std)	Dust Shield	Tire PSI
	Option		Option	Option	Option		Option		Option	Options	Option	Option	Option	Option		Option	Option	Option	Option	Option
	Chart S1		Chart S2	Chart S3	Chart S4		Chart 1		Chart 2	Chart 3	Chart 4	Chart 5	Chart 6	Chart 7		Chart 8	Chart 9	Chart S4	Chart S4	Chart 12
							1		2	3	4	5	6	7		8	9	10	11	12

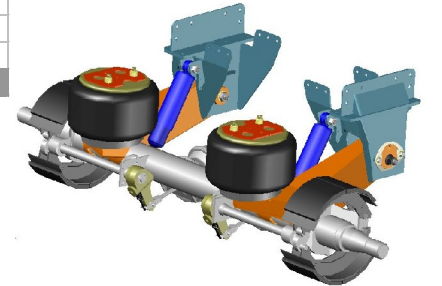


CHART S1: HANGER STYLE OPTIONS

Weld-On Type Hanger (Drawing Sheet 1)	Straight Sided			
	(E)=8"	(E)=10"		
Weld-on, Wingless, No Front Gusset	W1	W5		
Weld-on, Wingless Rear, With Front Gusset Welded	W2	W6		
Weld-on, Winged Rear, No Front Gusset	W3	W7		
Weld-on, Winged Rear, With Front Gusset Welded	W4	W8		
Standard Top Plate (Drawing Sheet 2)	Hanger (E)=8.3"		Hanger (E)=10.3"	
Top-Mount Bolt-On Hanger Options	1/2" Bolts	5/8" Bolts	1/2" Bolts	5/8" Bolts
Bolt-on, Flat Top Plate (PS) Standard	PS	PS1	PS2	PS3
Bolt-on, Flat Top Plate (P1) Pattern #1	P1	P11	P21	P31
Bolt-on, Flat Top Plate (P2) Pattern #2	P2	P12	P22	P32
Bolt-on, Flat Top Plate (P3) Pattern #3	P3	P13	P23	P33
Bolt-on, Flat Top Plate (P4) Pattern #4	P4	P14	P24	P34
Bolt-on, Flat Top Plate (P6) Pattern #6		P16		P36
Bolt-on, Flat Top Plate (P7) Pattern #7	P7		P27	
Compact Top Plate (Drawing Sheet 2)	Hanger (E)=8.3"		Hanger (E)=10.3"	
Top-Mount Bolt-On Hanger Options	1/2" Bolts	5/8" Bolts	1/2" Bolts	5/8" Bolts
Compact Bolt-on, Flat Top Plate (PS) Standard	PS4	PS5	PS6	PS7
Compact Bolt-on, Flat Top Plate (P1) Pattern #1	P41	P51	P61	P71
Compact Bolt-on, Flat Top Plate (P2) Pattern #2	P42	P52	P62	P72
Compact Bolt-on, Flat Top Plate (P3) Pattern #3	P43	P53	P63	P73
Compact Bolt-on, Flat Top Plate (P4) Pattern #4	P44	P54	P64	P74
	Hanger (E)=8.5"		Hanger (E)=10.5"	
Side-Mount Bolt-On Hanger (Drawing Sheet 3)	1/2" Bolts	5/8" Bolts	1/2" Bolts	5/8" Bolts
Bolt-on, Side-Mount Rail (PS) Standard Options	S1	S3	S5	S7
Bolt-on, Side-Mount Rail (P1) Pattern #1 Options	S2	S4	S6	S8

CHART S4: OPTION Yes/No

OPTION	
Y	Yes, customer wants this option
0	No, customr does not want this option

CHART S3: HANGER SUPPORT OPTIONS

OPTION		Hanger Type	Centers "B"	Track "T"
X0	No hanger support option, customer furnished	All	All	All
XF	Pair of standard front flat wing gussets	W	All	All
X1	Weld-on front cross-brace c-channel, 41"lg	W / P	37.5	71.5
X2	Weld-on front cross-brace c-channel, 47"lg	W / P	43.5	77.5
X3	Weld-on front cross-brace c-channel, 53"lg	W / P	49.5	83.5
K1	Bolt-on cross-brace Kit without struts	P	37.5	71.5
K2	Bolt-on cross-brace Kit with 2 struts	P	37.5	71.5
K3	Bolt-on cross-brace Kit without struts	P	43.5	77.5
K4	Bolt-on cross-brace Kit with 2 struts	P	43.5	77.5
K5	Bolt-on cross-brace Kit without struts	P	49.5	83.5
K6	Bolt-on cross-brace Kit with 2 struts	P	49.5	83.5

CHART 7: ABS Sensor Options

OPTION	
ABS	Sensor 18" Long Wire
ABSL	Sensor 60" Long Wire
ABSC	Clip Only, No Sensor (Non-ABS OPTION)

CHART 6: Slack Adjuster OPTION

OPTION	
0	No Slacks
1	Manual Slack
5	5.5" Auto-Slack Adjusters
6	6.0" Auto-Slack Adjusters
7	Other-See Notes

CHART 5: BRAKE CHAMBER OPTION

OPTION	
0	No Chambers
1	Type 30 Svc
2	30/30 Standard 2.5" stroke chambers
3	30/30 Extended 3.0" long stroke chambers

CHART 4: Drum/ Stud Options

OPTION	Drum Type	Stud Length
Blank or 0	Cast Drum	Short Stud (Steel/Steel wheels)
A	Cast Drum	Long Stud (AL wheels)
CA	CentriFused Drum	Long Stud (AL wheels)
CAG	CentriFused Drum	Long Stud (AL wheels), Grease
AH	Hub Only No Drum	Long Stud (AL wheels)
H	Hub Only No Drum	Short Stud (Steel/Steel wheels)
0	No Hub / Drum	No Studs

CHART 3: WHEEL END OPTIONS

OPTION	
1	Stud Plotted
2	Hub Plotted - 10 on 11.25"BC
3	Spkce
4	Other
7	No wheel ends, with spindle nuts packaged
0	No wheel ends, without spindle nuts

CHART 2: AXLE TRACK/ BRAKE OPTIONS

OPTION	Axle Track	Brake Lining
71	71.5	16.5" X 7" DAP Brakes Standard
71W	71.5	16.5" x 8-5/8" DAP Brakes Standard
77	77.5	16.5" X 7" DAP Brakes Standard
77W	77.5	16.5" x 8-5/8" DAP Brakes Standard
83	83.5	16.5" X 7" DAP Brakes Standard
83W	83.5	16.5" x 8-5/8" DAP Brakes Standard
XX	tbd	Customer Spec Brake-See notes

CHART 12: PSI OPTION

OPTION	
0	No, customer does not want this option
Y	PSI, 3-hole prep no installation
I	PSI, 3-hole prep & installation

CHART 9: LUBRICATION OPTION

OPTION	
1	SAE 75/90
2	Synthetic 75W/90
3	SAE 80/90
4	Semi Fluid Grease
0	None

CHART 8: HUB MATERIAL OPTION

OPTION	(Hub pilot 10 stud on 11.25" BC)
0	No Hub & Drum
FH	Ferrous Hub
F5	Ferrous Hub, preset, 5 year
AL	Aluminum Hub
A5	Aluminum Hub, preset, 5 year

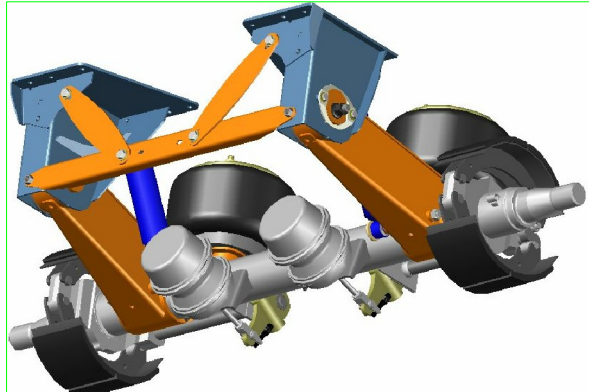
Chart S2: Ride Height Options

Ride Height	Suspension Model No.	(In) HT	(-0.5") Bumper Deflection (In) JOUNCE	(In) REB'D	(In) BUMPER CONTACT	Top Spacer Height (In) "D"	Hanger Pivot (P) Height (In) "E"	Horz Pivot to Axle (In) "F"	Beam Tower Height (In) "TH"	WEIGHT Suspension	Unit Weight w/axle (A)
14	CLT25W 14	13.5	3.2	5.9	2.7	0.25	8	19.5	1	236	524
		14	3.7	4.9	3.2	0.25	8	19.4	1	236	524
		15	4.7	3.9	4.2	0.25	8	19.1	1	236	524
15	CLT25W 15	15	3.6	3.9	3.1	0.25	8	19.2	2.3	237	525
16	CLT25W 16	16	3.7	4.5	3.2	0.25	10	19.4	3	246	534
		17	4.7	3.5	4.2	0.25	10	19.1	3	246	534
16TS	CLT25W 16TS	16	3.7	4.5	3.2	2.25	10	19.4	3	262	550
17	CLT25W 17	17	3.6	3.5	3.1	0.25	10	19.2	4.3	247	535
14	CLT25P 14	14	3.6	5.1	3.1	0.25	8.38	19.5	1	282	570
		15	4.6	4.1	4.1	0.25	8.38	19.2	1	282	570
15	CLT25P 15	15	3.6	4.1	3.1	0.25	8.38	19.2	2.3	283	571
16	CLT25P 16	16	3.6	4.7	3.1	0.25	10.38	19.5	3	288	576
		17	4.6	3.7	4.1	0.25	10.38	19.2	3	288	576
16TS	CLT25P 16TS	16	3.6	4.7	3.1	2.25	10.38	19.5	1	304	592
17	CLT25P 17	17	3.6	3.7	3.1	0.25	10.38	19.2	4.3	289	577
14	CLT25S 14	14	3.5	5.2	3	0.25	8.5	19.6	1	284	572
		15	4.5	4.2	4	0.25	8.5	19.2	1	284	572
15	CLT25S 15	15	3.5	4.2	3	0.25	8.5	19.2	2.3	285	573
		16	3.5	5.2	3	0.25	10.5	19.6	3	288	576
		17	4.5	4.2	4	0.25	10.5	19.2	3	288	576
16TS	CLT25S 16TS	16	3.5	5.2	3	2.25	10.5	19.6	1	304	592
17	CLT25S 17	17	3.5	4.2	3	0.25	10.5	19.2	4.3	289	577

A Suspension weights: 16.5" x 7" brakes, do not include any front hanger support structure, or customer added frame bracket front gusset.

CHART 1: AXLE TYPE OPTIONS

OPTION		Axle Cam	Axle Wall	Axle Spindle
RN	Meritor, Straight axle beam	Medium (20.4)	1/2" Std	Tapered
RQ	Meritor, Straight axle beam	Long (23.8)	5/8" HD	Tapered
PN	Power Products, Straight axle beam	Medium (20.4)	1/2" Std	Tapered
PQ	Power Products, Straight axle beam	Long (23.8)	5/8" HD	Tapered
RQP	Meritor, Straight axle beam	Long (23.8)	5/8" HD	Parallel
PQP	Power Products, Straight axle beam	Long (23.8)	5/8" HD	Parallel
PND	Power Products, 6" Drop axle beam	Long (23.8)	1/2" Std	Tapered
PT	Power Products, Straight axle beam	Long (23.8)	3/4" HD	Tapered
CS	Customer Supplied axle drop shipped to Cush Corp			



Spec Notes:

DRAFTSMAN: jmk 5/4/10

CHECKED: . . .

RELEASED: . . .

APPROX. WEIGHT: See Chart

MATERIAL: SEE PART DWGS.

Part Number Config Sheet
CLT25
WELD-ON / BOLT-ON / SIDE-MOUNT
RIDE HEIGHT
HANGER SUPPORT

TOLERANCE UNLESS OTHERWISE STATED:
 .XX = +/- .12
 .XXX = +/- .062
 .XXXX = +/- .031
 ANGLES = +/- 1'

SCALE:
 A-SIZE 4
 B-SIZE 4
 D-SIZE 4

REVISIONS:
 ECN BY DATE REV

PART/DRAWING NO:
B

CLT25_CONFIG

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