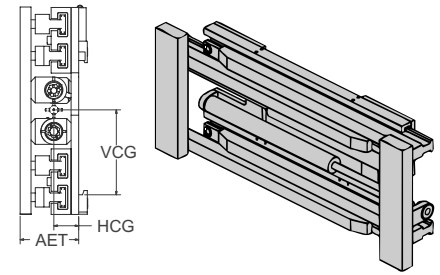


LCS/NSQ Lateral Clamps Without Arms

- ▶ Clean, grease-free handling — no lubrication required
- ▶ Welded heel plates for maximum strength
- ▶ Drilled and tapped heel plates optional



Non-Sideshifting Clamps Less Arms, 1 Function

Model Number	Capacity lb @ 24"	Opening Ranges ¹ (in)	Mounting Class	Lost Load AET (in)	HCG (in)	VCG (in)	Weight (lb)
LCS-25NN-LA524	2,500	24–70.8	II	5.0	2.9	9.9	560
LCS-35NN-LA524	3,500	24–75.8	II	5.0	2.9	9.9	600
LCS-50NN-LA524		27–81.5		5.0 / 6.0	3.3 / 4.3	10.5	620
LCS-5CNN-LA524	5,000	27–88.5	II or III	5.0 / 6.0	3.3 / 4.3	10.5	640
LCS-5DNN-LA524		25–98.5		5.5 / 6.5	3.6 / 4.6	10.5	840
LCS-70NN-LA728	7,000	34–98	III	7.5	6.4	13.7	1250
LCS-7ANN-LA728	7,000	34–110	III	7.5	6.4	13.7	1380
LCS-85NN-LA728	8,500	34–98	III or IV	7.5	6.4	13.7	1280
LCS-8ANN-LA728	8,500	34–110	III or IV	7.5	6.4	13.7	1430
NSQ-14NN-LA729	14,000	34–104	IV	8.9	5.6	11.2	2,090
NSQ-20NN-LA934	20,000	66–141	None	9.8	5.0	Consult Factory	3,460
NSQ-30NN-LA941	30,000	104–210	None	9.1	4.7	Consult Factory	5,660

Sideshifting Clamps Less Arms, 2 Functions

Model Number	Capacity lb @ 24"	Opening Ranges ¹ (in)	Mounting Class	Lost Load AET (in)	HCG (in)	VCG (in)	Weight (lb)
LCS-25NS-LA524	2,500	24–70.8	II	5.0	2.9	9.9	560
LCS-35NS-LA524	3,500	24–75.8	II	5.0	2.9	9.9	600
LCS-50NS-LA524		27–81.5		5.0	3.3	10.5	620
LCS-5CNS-LA524	5,000	27–88.5	II or III	5.0	3.3	10.5	640
LCS-5DNS-LA524		25–98.5		5.5	3.6	10.5	840
LCS-70NS-LA728	7,000	34–98	III	7.5	6.4	13.7	1260
LCS-7ANS-LA728	7,000	34–110	III	7.5	6.4	13.7	1390
LCS-85NS-LA728	8,500	34–98	III or IV	7.5	6.4	13.7	1290
LCS-8ANS-LA728	8,500	34–110	III or IV	7.5	6.4	13.7	1440
NSQ-14NS-LA729	14,000	34–104	IV	8.9	5.6	11.2	2,100
NSQ-20NS-LA934	20,000	66–141	None	9.8	5.0	Consult Factory	3,470
NSQ-30SN-LA941	30,000	104–210	None	9.1	4.7	Consult Factory	5,670

¹ Opening range is measured to outside of heel plates. Inside range will vary depending on arm style used.

Installation Kits

Model Number	Number of Functions
YHJL-6-S-30	1
YHJL-8-S-30	

Includes the hoses and fittings to connect a standard attachment to the hose terminal on the lift truck carriage.

Recommended Hydraulic Supply

Model Number	Flow (gpm)	Max psi
LCS-25 thru LCS-85	7–10	2,500
NSQ-11 thru NSQ-14	15–18	2,250

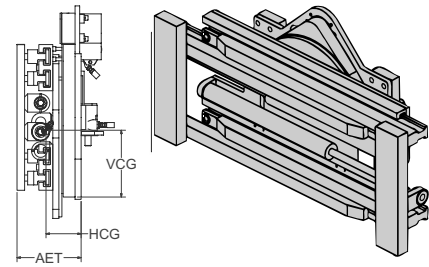
Hydraulic flow less than minimum may reduce operating speed and/or cause irregular arm movement. Higher flow may result in heat build-up, erratic operation and shortened hydraulic system life.

Minimum Truck Carriage Width

Model Number	Body Width (in)	Non Rotating (in)	Rotating (in)
LCS-25	36	30	29
LCS-35	41	35	29
LCS-50	41	35	33
LCS-5C	48	42	33
LCS-5D	62	39	33
LCS-70 / 85 ITA III	50	39	36
LCS-7A / 8A	62	39	39
LCS-85 ITA IV	50	42	36
NSQ-14	56	36	52
NSQ-20 / 30	72 / 100	Consult Factory	

LCS/NSQ 360° Rotating Lateral Clamps

- ▶ Clean, grease-free handling — no lubrication required
- ▶ Welded heel plates for maximum strength
- ▶ Drilled and tapped heel plates optional



360° Rotating Clamps Less Arms, 2 Functions

Model Number	Capacity lb @ 24"	Opening Range ¹ (in)	Mounting Class	Mounting Angle (°) ²	Lost Load AET (in)	HCG (in)	VCG (in)	Weight (lb)
LCS-25RN-LA524	2,500	24–70.8	II	0	10.4	6.1	9.2	1,100
LCS-35RN-LA524	3,500	24–75.8	II	0	10.4	6.2	9.3	1,145
LCS-50RN-LA524	5,000	27–81.5	III	0	10.4	5.6	9.3	1,570
			III	0	10.1	5.6	9.3	1,575
LCS-5CRN-LA524	5,000	27–88.5	II	0	10.4	5.8	9.2	1,645
			III	0	10.1	5.7	9.2	1,650
LCS-5DRN-LA524	5,000	25–98.5	II	0	10.4	6.0	9.2	1,785
			III	0	10.1	5.9	9.2	1,790
LCS-70RN-LA728	7,000	34–98	III	0				
			IV	0				
LCS-7ARN-LA728	7,000	37–107	III	0	Consult Factory	Consult Factory	Consult Factory	Consult Factory
			IV	0				
LCS-85RN-LA728	8,500	34–98	III	0				
			IV	0				
LCS-8ARN-LA728	8,500	34–110	III	0	Consult Factory	Consult Factory	Consult Factory	Consult Factory
			IV	0	14.6	8.8	15.0	2,975
NSQ-14RN-LA729	14,000	34–104	IV	0	12.9	8.6	18.1	3,440
NSQ-20RN-LA934	20,000	66–141	None	0		Consult Factory		

¹ Opening range is measured to outside of heel plates. Inside range will vary depending on arm style used.

² Four degree (4°) mounting available at no charge.

! Minimum Truck Carriage Width

Model Number	Body Width (in)	Non Rotating (in)	Rotating (in)
LCS-25	36	30	29
LCS-35	41	35	29
LCS-50	41	35	33
LCS-5C	48	42	33
LCS-5D	62	39	33
LCS-70 / 85 ITA III	50	39	36
LCS-7A / 8A	62	39	39
LCS-85 ITA IV	50	42	36
NSQ-14	56	52	52
NSQ-20 / 30	72 / 100	Consult Factory	

Optional Features

See Page E-29 for additional information.

Optional Mounting Hooks

	Description
Class II	Quick Change Hooks
Class III	Quick Change Hooks
Class IV	Quick Change Hooks
Class II / III	Dual Bolt-on Hooks
Class II / III	Dual Quick Change Hooks
Class III / IV	Dual Bolt-on Hooks
Class III / IV	Dual Quick Change Hooks
Pin/Shaft Mounting	See page J-6

Mounting other than shown, consult factory.

Recommended Hydraulic Supply

Model Number	Flow (gpm)	Max psi
LCS-25 thru LCS-70	12	2,500
LCS-85RN	24	2,500
NSQ-14RN thru NSQ-20RN	24	2,250

Hydraulic flow less than minimum may reduce operating speed and/or cause irregular arm movement. Higher flow may result in heat build-up, erratic operation and shortened hydraulic system life.