

Parts List for:

110082	110119
110083	110120
110084	110121

**DOUBLE-ACTING (LOWER FLANGE)
SWING / PULL CLAMP**

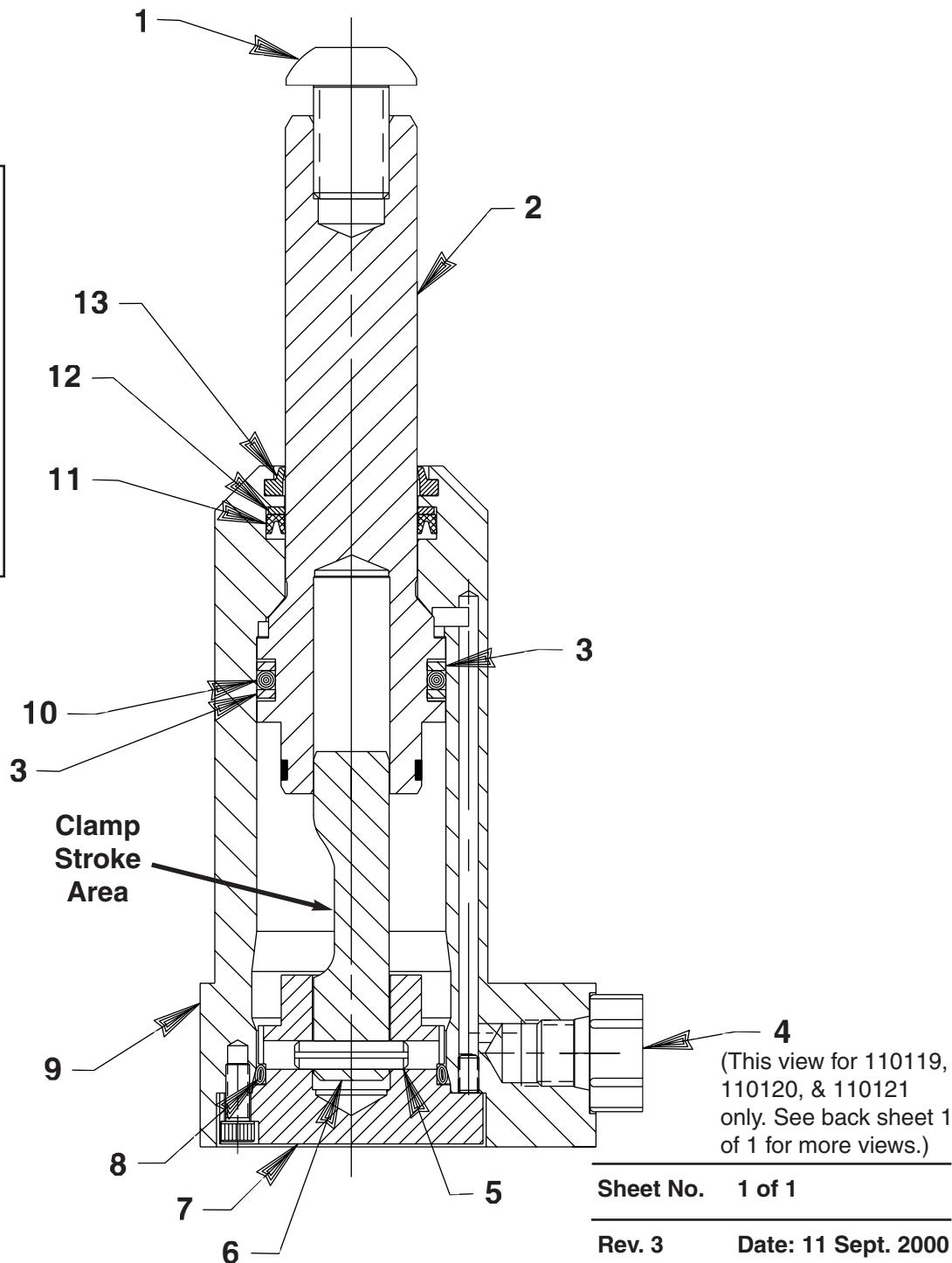
Max. Capacity: 2,400 lbs. Clamping Force (with 1-7/8" lg. arm) at 5,000 PSI

110082 & 110119 - Left Hand

110083 & 110120 - Right Hand

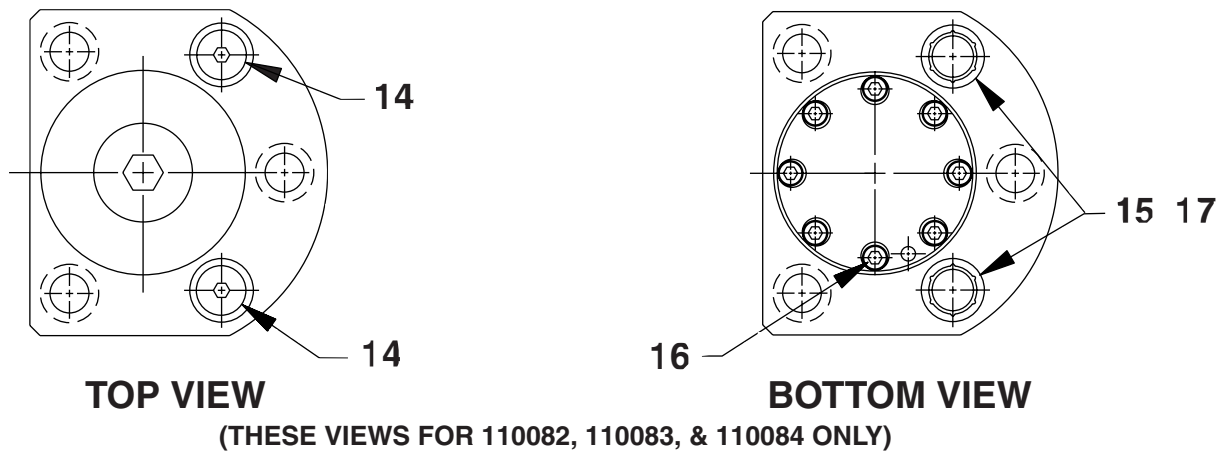
110084 & 110121 - Straight Pull

The piston rod V-cup seal (Item 11) can be easily twisted if installed incorrectly.
Before installing the piston rod (Item 2) lubricate the rod and all seals with hydraulic oil. Install the rod with light pressure and a twisting motion as the seal is first contacted.



Sheet No. 1 of 1

Rev. 3 Date: 11 Sept. 2000



Item No.	Part No.	No. Req'd	Description	
1	251648	1	Screw, Button HD (1/2-13 x 3/4; Torque to 40/60 ft. lbs.)	
2	351042	1	Piston (1/2" Stroke)	
3	*19140	2	Washer, Backup (1.25 x 1.00)	
4	250961	2	Fitting, Plug (7/16-20 Plastic; for 110119, 110120 & 110121)	NOTE: Flat of cam (clamp stroke area) to be opposite of body port. Grease roller in piston rod (Item #2) and cam with a light coating of CDM Extreme Pressure Lube #3.
5	10782	1	Pin, Spring Slotted (.19 x .75)	
6	350398	1	Cam, Left Hand (Left Hand† 90° for 110082 & 110119)	
	350397	1	Cam, Right Hand (Right Hand† 90° for 110083 & 110120)	
	350343	1	Cam, Straight (Straight Pull for 110084 & 110121)	
7	420921	1	Cap, End (Double-acting)	
8	*12598	1	O-ring (1.31 x 1.12 Nitrile)	
9	351629	1	Body, w/Plug (for 110082, 110083 & 110084)	
	351752	1	Body, w/Plug (for 110119, 110120 & 110121)	
10	*250481	1	O-ring (1.25 x 1.00 Urethane)	
11	*250480	1	V-cup (1.13 x .88 x .13 L)	
12	*250479	1	Washer, Backup (1.11 x .88)	
13	*250478	1	Wiper, Rod (1.15 x .87 URE)	
14	253089	2	Fitting, Plug (5/16-24; for 110082, 110083 & 110084)	
15	252531	2	Fitting, Plug (5/16-24 Plastic; for 110082, 110083 & 110084)	
16	15139	8	Screw, Socket HD (6-32 x 1/2; Torque to 30/40 in. lbs.)	
17	*15189	2	O-ring (.36 x .23 Nitrile; for 110082, 110083 & 110084)	

PARTS INCLUDED BUT NOT SHOWN

*10269	2	O-ring (.56 x .37 Nitrile; For manifold mount fixtures.)
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Part numbers marked with an asterisk (*) are contained in Repair Kit No. 300610.

†Right hand rotation is clockwise rotation when viewed from the piston rod end.
Left hand is counterclockwise rotation. To reverse clamp rotation, order the appropriate rotating cam.

Note: Shaded areas reflect last revision(s) made to this form.

Refer to any operating instructions included with this product for detailed information about operation, testing, disassembly, reassembly, and preventive maintenance.

Items found in this parts list have been carefully tested and selected. **Therefore: Use only genuine Hytec replacement parts!**

Additional questions can be directed to our Technical Services Department.