

Parts List for:

110079	110116
110080	110117
110081	110118

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

Max. Capacity: 2,300 lbs. Clamping Force (with 1-7/8" lg. arm) at 5,000 PSI

110079 & 110116 - Left Hand

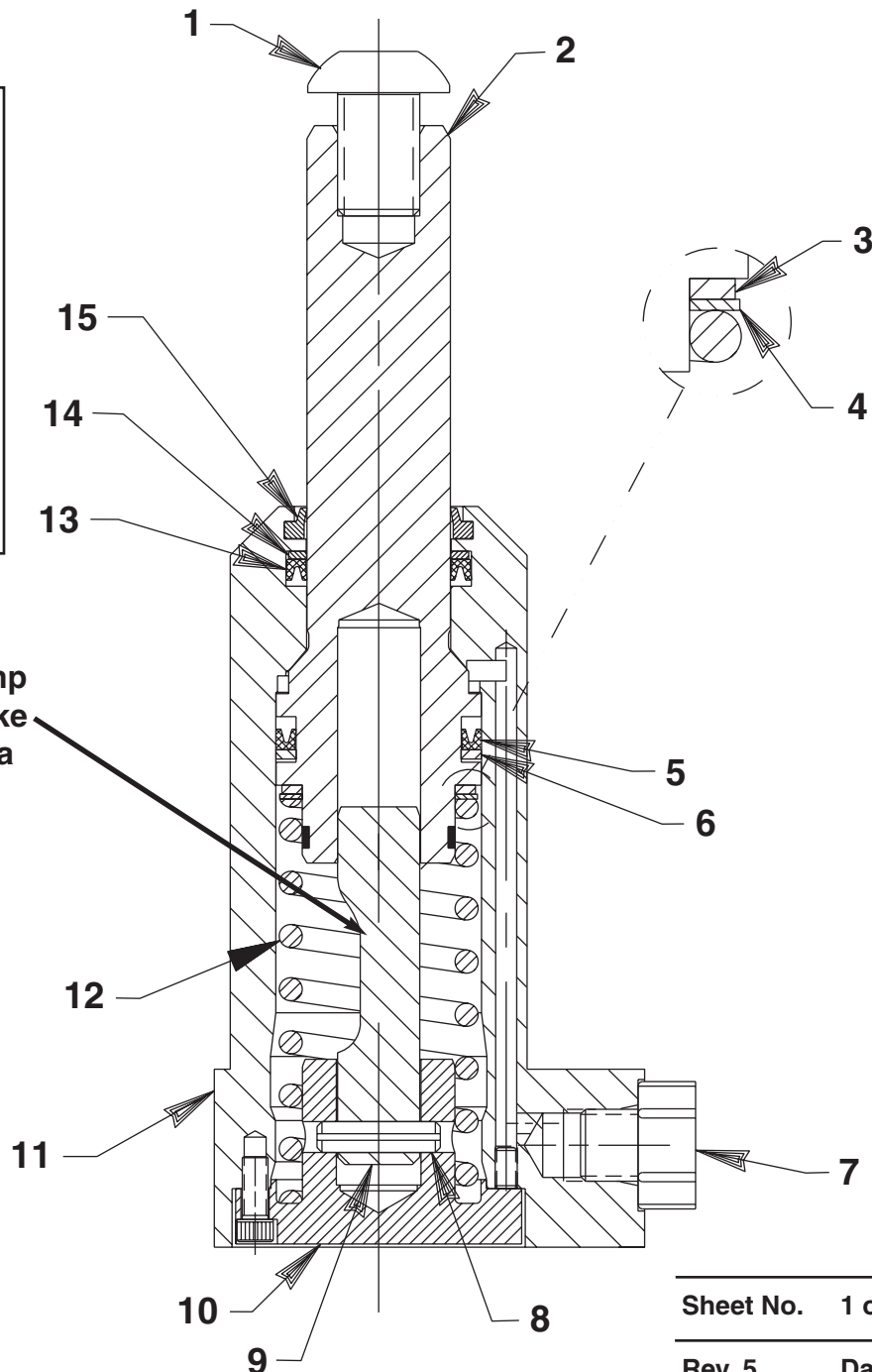
110080 & 110117 - Right Hand

110081 & 110118 - Straight Pull

The piston rod V-cup seal (Item 13) 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.

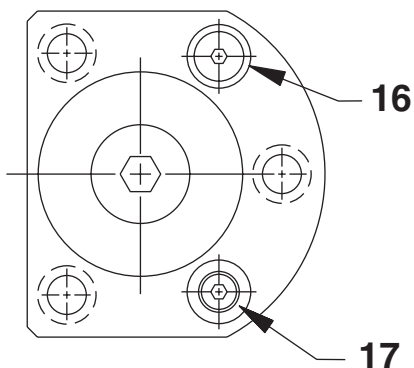
Clamp
Stroke
Area



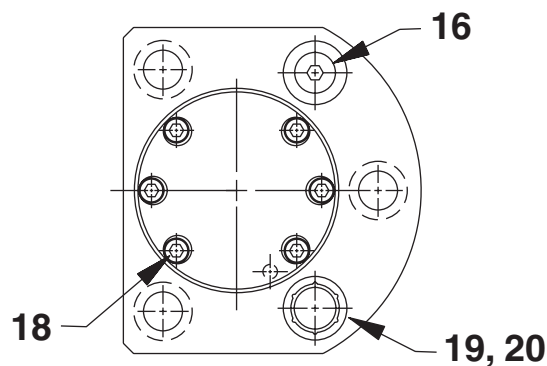
(This view for 110116, 110117, & 110118 only. See back sheet 1 of 1 for more views.)

Sheet No. 1 of 1

Rev. 5 Date: 11 Sept. 2000



TOP VIEW



BOTTOM VIEW

(THESE VIEWS FOR 110079, 110080, & 110081 ONLY)

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	*210364	1	Washer, Backup (1.18 x .94)
4	*251100	1	Washer, Special (NOTE: Assemble washer with larger radii towards teflon washer (Item No. 3); Must be grease and oil free.)
5	*250620	1	V-cup (1.25 x 1.00 x .13 L)
6	*250621	1	Washer, Backup (1.25 x 1.01)
7	250961	1	Fitting, Plug (7/16-20 Plastic; for 110116, 110117 & 110118)
8	10782	1	Pin, Spring Slotted (.19 x .75)
9	350398	1	Cam, Left Hand (Left Hand† 90° for 110079 & 110116)
	350397	1	Cam, Right Hand (Right Hand† 90° for 110080 & 110117)
	350343	1	Cam, Straight (Straight Pull for 110081 & 110118)
10	420922	1	Cap, End (Single-acting)
11	351629	1	Body, w/Plug (110079, 110080 & 110081)
	351752	1	Body, w/Plug (110116, 110117 & 110118)
12	250619	1	Spring (1.2 OD x 3.54 x .14 WS)
13	*250480	1	V-cup (1.13 x .88 x .13 L)
14	*250479	1	Washer, Backup (1.11 x .88)
15	*250478	1	Wiper, Rod (1.115 x .87 URE)
16	253089	2	Fitting, Plug (5/16-24; for 110079, 110080 & 110081)
17	252455	1	Plug, w/Filter (for 110079, 110080 & 110081)
18	15139	6	Screw, Socket HD (6-32 x 1/2; Torque to 30/40 in. lbs.)
19	252531	1	Fitting, Plug (5/16-24 Plastic; for 110079, 110080 & 110081)
20	*15189	1	O-ring (.36 x .23 Nitrile; for 110079, 110080 & 110081)

NOTE: Flat of cam (clamp stroke area) to be opposite of body ports. Grease roller in piston rod (Item #2) and cam with a light coating of CDM Extreme Pressure Lube #3.

PARTS INCLUDED BUT NOT SHOWN

*10269	2	O-ring (.36 x .23 Nitrile; For manifold mount fixtures.)
251738	1	Plug, w/Filter (for 110116, 110117 & 110118)

Part numbers marked with an asterisk (*) are contained in Repair Kit No. 300611.

† 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.

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.

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