



Parts List for:

110147	110153
110148	110154
110149	110155

SINGLE-ACTING, CARTRIDGE STYLE MOUNT

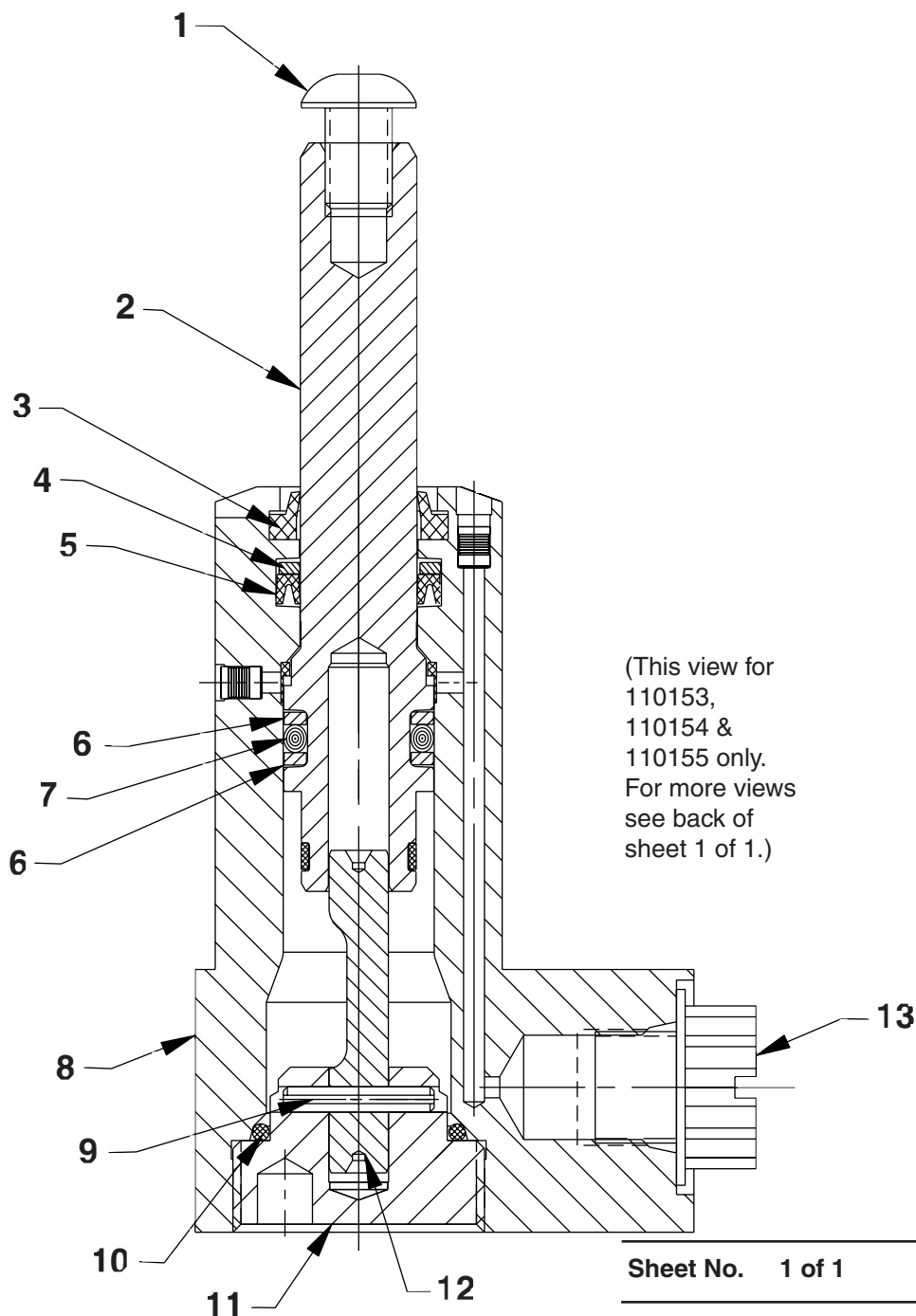
SWING / PULL CLAMP

Capacity: 365 lbs. Clamping Force (with 1.06" lg. arm) at 5,000 PSI (350 Bar) Max.

110147 & 110153 - Left Hand110148 & 110154 - Right Hand110149 & 110155 - Straight Pull

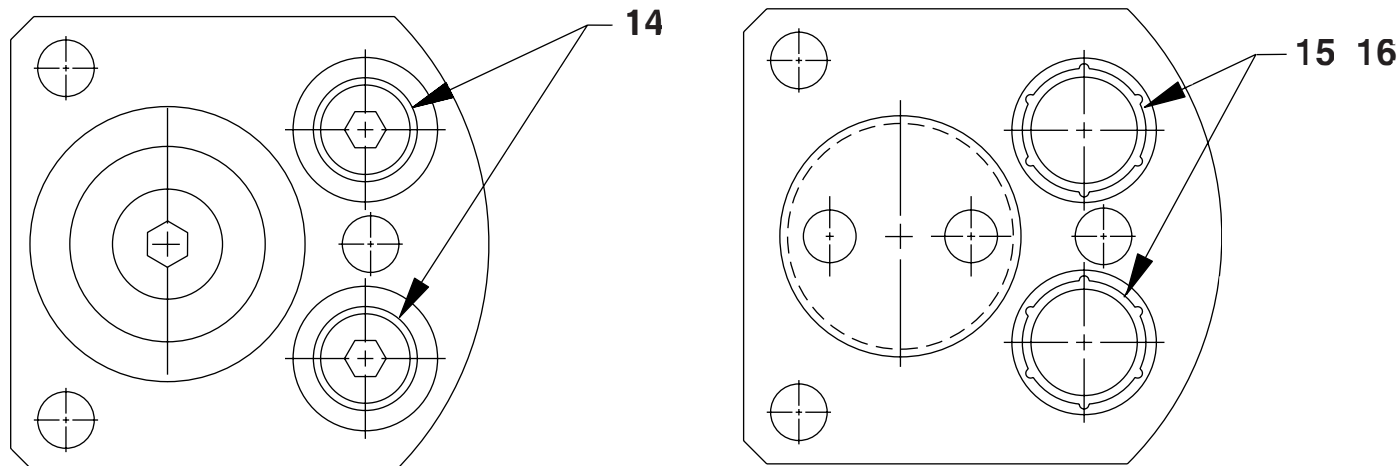
The piston rod
U-cup seal (Item 5)
can be easily
twisted if installed
incorrectly.

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. Date: 1 June 1999



TOP VIEW

BOTTOM VIEW

(These views for 110147, 110148 & 110149 only)

Item No.	Part No.	No. Req'd	Description	
1	251910	1	Screw, Button HD (1/4-20 x 3/8)	
2	351400	1	Rod, Piston	
3	*252453	1	Wiper, Rod (.69 x .44 URE)	
4	*252479	1	Washer, Backup (.61 x .43 x .04)	
5	*252473	1	U-cup (.62 x .43 x .09 H)	
6	*252515	2	Washer, Backup (.49 x .39)	
7	*252505	1	O-ring (.56 x .38 URE)	
8	351983	1	Body, w/Plug (For 110147, 110148 & 110149)	
	351984	1	Body, w/Plug (For 110153, 110154 & 110155)	
9	252877	1	Pin, Spring (.09 x .56)	
10	*10527	1	O-ring (.81 x .64 Nitrile)	
11	351918	1	Cap, End DA (Torque to 450/470 in. lbs.)	Grease roller in piston rod (Item #17) and cam with a light coating of CDM Extreme Pressure Lube #3.
12	351397	1	Cam, Left Hand (Left Hand† 90° for 110147 & 110153)	
	351398	1	Cam, Right Hand (Right Hand† 90° for 110148 & 110154)	
	351399	1	Cam, Straight (Straight Pull for 110149 & 110155)	
13	250961	2	Fitting, Plug (7/16-20 plastic; For 110153, 110154 & 110155)	
14	253089	2	Fitting, Plug (5/16-24; For 110147, 110148 & 110149)	
15	252531	2	Fitting, Plug (5/16-24 plastic; For 110147, 110148 & 110149)	
16	15189	2	O-ring (.36 x .23 Nitrile)	

PARTS INCLUDED BUT NOT SHOWN

*10269 2 O-ring (.56 x .37 Nitrile; For manifold mount fixtures.)

Part numbers marked with an asterisk (*) are contained in Repair Kit No. 300954.

† 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.