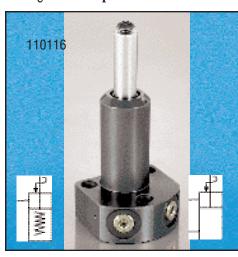
Swing/Pull Clamp - Surface Mount - Externally Plumbed - Lower Flange Style - 2400 lbs.

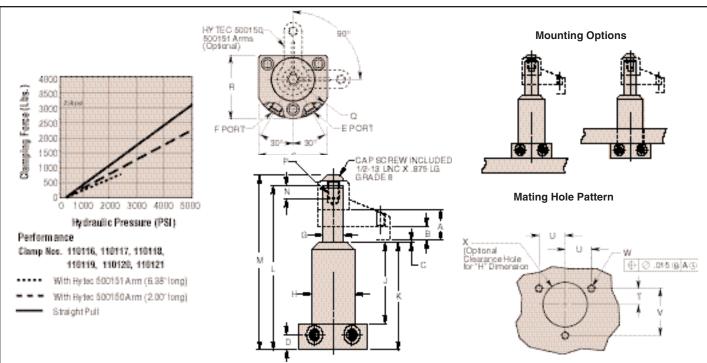




Features:

- External plumbing eliminates need to gun drill additional ports in fixture
- Can be inserted from above or below fixture plate
 - o Top mounting provides extra height to accommodate large work pieces
 - o Top mounting does not require drilling of large fixture hole
- Special rod wiper seal protects internal clamp components
- Corrosion resistant construction
- · Heat treated, chrome plated piston rod
- Unique "Live-Roller" swing mechanism for increased service life

- Power-Tech™ treated body and hardened cam for long wear and corrosion resistance
- 5000 psi maximum
- Single- and double-acting models are dimensionally interchangeable
- Straight pull capacity 3,144 lbs. at 5,000 psi



	Specifications							Dimensions (In Inches)								
Cat. No.	Oper.	Swing Direction	(Lbs.)	Eff. Area (Sq. In.)		Oil Cap. (Cu. In.)		A Total	B Clamping	С	D	E Clamp	F Unclamp	††G Dia.	H Dia.	
110.		Direction		Clamp	Unclamp	Clamp	Unclamp	Stroke	Stroke			Port	Port	Dia.	Dia.	
110116		LH (Counterclockwise)	2.400	.626	_	.740			.490	.104	.620	%-20 UNF	Breather Plug %-20 UNF †SAE-4	875	1.807	
110117	Single- Actina	RH (Clockwise)					_	- 1.163								
110118	, total 19	Straight Pull														
110119		LH (Counterclockwise)			1.227		1.460						%-20 UNF			
110120	Double- Actina	RH (Clockwise)														
110121	, total 19	Straight Pull														

	Dimensions (In Inches)													
Cat. No.	J	K	L	M	N Thread Min.	**P Thread Size	Q Radius	R	S	Т	U	V	W Thread Size	X Dia.
110116														
110117														
110118	0.440	4.504	0.005	7.005		1/ 40 LINO	1.000	0.000	0.000	005	1 000	4.075	5/ 40 LINO	1.830
110119	3.419	4.504	6.905	7.335	.550	½-13 UNC	1.630	2.630	2.880	.625	1.082	1.875	%-18 UNC	1.850
110120														
110121														

NOTE: * With 2.00" long arm at 5,000 psi max. operating pressure.

† Do not pressurize - single-acting only. †† See page 59 for custom arm mounting. Internal cam may be removed for an unguided straight pull. See page 58 for maximum operating speeds and rotation options.