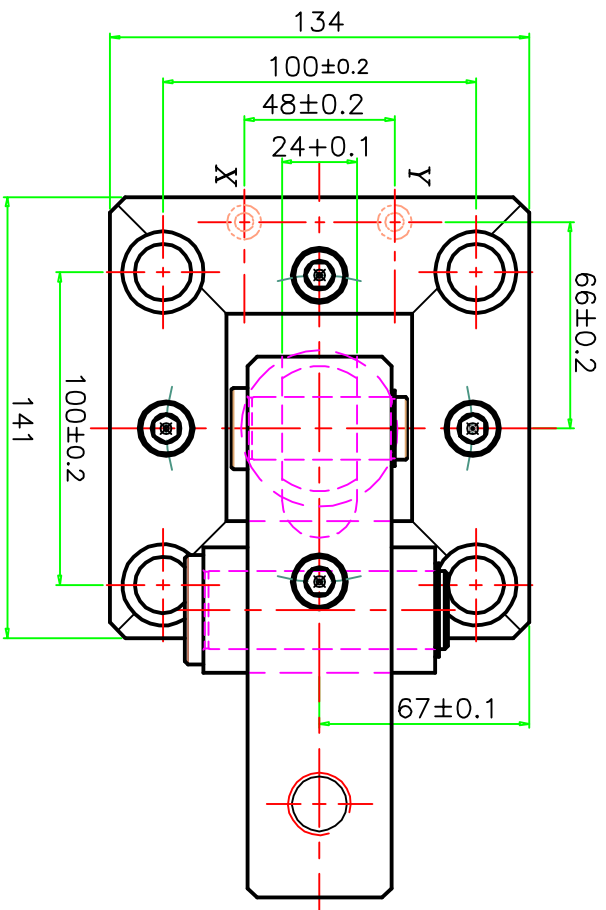


X- Clamp port  
Y - Declamp port

**Specification:-**

Type : Doble acting hydraulic cylinder.  
Bore dia = 63 mm, rod dia = 35 mm  
Stroke = 52; Reserve Stroke = 3 mm  
Operating pressure : max 150 bar/min 25 bar  
Medium :Hydraulic oil  
(servo system HLP46/HLP68)



- 1.0 GENERAL  
1.1 ALL DIMENSIONS ARE IN MM.  
1.2 DO NOT SCALE THE DRG.IF IN DOUBT ASK.  
1.3 SUBJECT TO CHANGE FOR IMPROVEMENT.

REVISION				
ZONE	REV	FROM	TO	DATE

SURFACE FINISH		▽▽▽	▽▽▽	▽▽▽	▽▽▽	▽▽	▽	~	
Ra value µm		0.025	0.05	0.1	0.2	0.4	0.8	1.2	2.5
GENERAL TOLERANCES WHERE NOT SPECIFIED									
LINEAR - LENGTH OR DIAMETER					ANGULAR-LENGTH IN MM OF SHORT SIDE OF ∠				
0.5-6	6-30	30-120	120-315	315-1000	1000-2000	UPTO 6	6-30	30-120	120-400
±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±1'	±30'	±20'	±10'
SCALE: 1:1									
NAME	DATE	TITLE							
TIRUMAL	22.08.08	VERTICAL SWING CLAMP							
DRAWN	TIRUMAL	MANIFOLD TYPE-D/A							
CHECKED		MACHINE TYPE							
APPROVED		CUSTOMER:							
GROUP NO:		MATERIAL: XXX							
SUPERCEDED BY		SHEET NO: 1 OF 1							
REPLACES		QUICLOC PVT LTD							
DRAWING NO:	S31306-M	B'lore - 70							