

Technical drawing of a circular mechanical part, showing a top view and a side view.

Top View:


- Overall diameter: $\phi 78$
- Central hole diameter: $\phi 21$ THRU
- Four mounting holes, each with a diameter of $\phi 10 \times 1.5$, 15 dp, 2 Nos.
- Chamfer: 45°
- Overall width (distance between mounting holes): 60

Side View:

- Overall length: 18
- Central hole diameter: $\phi 21$ THRU
- Overall diameter: $\phi 78$
- Section: $\frac{3}{8}$ " BSP

SPECIFICATION TABLE			
S/L No.	MODEL CODE	STROKE	L
1	4610-411	10	82
2	4610-412	25	110
3	4610-413	50	160

Surface Finish	▽▽▽▽			▽▽▽			▽▽			▽		~
Ra Value- μ	0.025 ✓	0.05 ✓	0.1 ✓	0.2 ✓	0.4 ✓	0.8 ✓	1.6 ✓	3.2 ✓	6.3 ✓	12.5 ✓	25 ✓	50 ✓
Roughness No.	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12

All dimensions are in mm unless specified					Unspecified m/c deviations (med to IS 2102)	
TITLE	HYDRAULIC HOLLOW PISTON CYLINDER SINGLE ACTING SPRING RETURN					
MODEL	4610-411, 4610-412 & 4610-413					
BORE SIZE	Ø63	PROJECTION 3rd ANGLE				
P.R SIZE	Ø32					
STROKE	REFER SPECIFICATION TABLE	MOUNTING	AS PER DRAWING			
SCALE	NTS	MINIMUM WORKING PRESSURE		5 kg/cm ²		
		MAXIMUM WORKING PRESSURE		210 kg/cm ²		
D/RN	R/BP	11/01/16				
CHKD	R/KS	11/01/16				
APPD	R/KS	11/01/16				
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PENNYA BANGALORE						

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