



- B-21, Bhan Nagar, Queens Road, Jaipur-302021
- Website: www.aumshivay.com, www.omengineering.in
- E-mail: admin@aumshivay.com

PNEUMATIC CYLINDER



(SINGLE ACTING)

Pneumatic Cylinder (Single Acting); Single Acting Pneumatic Cylinders only works on one end of the piston, compared to the double acting pneumatic cylinder. The single-acting cylinder is most commonly used in internal Engines, such as Car engines, where it relies on an element, including springs or a foreign load to push the piston in the other direction, creating the motion. Single acting pneumatic cylinders are sometimes also found in pumps and hydraulic rams, helping with heavy duty jobs, such as lifting heavy materials. These Pneumatic Cylinders are functioned as;

PNEUMATIC CYLINDER (SINGLE ACTING)	
Product	Description
Item	Pneumatic Cylinder (Single Acting)
Cylinder Bore	32, 40, 50, 63, 80, 100, 125 mm
Cushion Stroke	21, 23, 23, 23, 28, 28, 40 mm
Standard Strokes	25, 50, 80, 100, 125, 160, 200, 250, 300, 320, 400 & 500 mm
Medium	Compressed Air, Filtered, Lubricated
Working Pressure	0.5 to 10 Bar
Medium Temp	5° to 60°C
Material of Construction	Aluminium, Brass, Nitrile, Steel, Acetal, Iron, Polyurethane.
Mountings	Basic Cylinder, Foot mounting, Front Flange, Rear Flange, Male Clevis, Female Clevis, Front Trunnion, Rear Trunnion, Centre Trunnion
Accessories	Clevis Foot Bracket, Wall Mounting Bracket, Trunnion Bracket, Rod End Fork, Rod End Aligner, Rod End Spherical Eye.





AUMSHIVAY ENGINEERING PRIVATE LIMITED

- B-21, Bhan Nagar, Queens Road, Jaipur-302021
- Website: www.aumshivay.com, www.omengineering.in
- E-mail: admin@aumshivay.com

Technical Detail;

Cylinder bore (in mm)	Rod (in mm)	Category	Working Pressure in bar									
			2	3	4	5	6	7	8	9	10	
32	12	Extend	145	217	289	362	434	507	579	651	724	
		Retract	124	187	249	311	373	435	498	559	621	
40	16	Extend	226	339	452	565	678	792	905	1018	1130	
		Retract	190	285	380	475	570	665	760	855	950	
50	20	Extend	353	530	706	884	1060	1237	1414	1590	1767	
		Retract	297	445	594	742	891	1039	1187	1336	1484	
63	20	Extend	561	842	1122	1403	1683	1964	2244	2525	2805	
		Retract	505	757	1009	1261	1514	1766	2018	2270	2523	
80	25	Extend	905	1357	1809	2262	2714	3167	3619	4072	4524	
		Retract	816	1225	1633	2041	2449	2857	3266	3674	4082	
100	25	Extend	1414	2120	2828	3534	4241	4948	5655	6362	7069	
		Retract	1325	1988	2650	3313	3976	4640	5300	5965	6625	

Features;

- Adjustable Cushioning at both ends.
- Wide variety of Mountings.
- Magnetic & Non Magnetic Versions.
- Long Life
- Low Friction.

