

Pneumatic Cylinders



Made of high quality aluminium alloy, these cylinders are not only light in weight but are specially treated to take on large loads. These cylinders can also be supplied with long strokes. They are ideal for special applications like finger chucks, clamp applications and special chucks.

High quality seals and controlled surface finish on parts ensure a long life for the cylinders. The connecting lines being flexible in nature ensure that no pressure is exerted at the cylinder housing. The grease lubricator provided for lubricating the shaft of the distributor, also acts as a seal to prevent air leakage.

Airtech also offers FLR unit (air controller unit) which injects air with a small amount of oil to provide lubrication to the piston and other moving parts.

These closed centre pneumatic cylinders can be supplied in three versions:

- **Single Chamber Cylinders**

These cylinders, supplied with a piston in a single housing, are ideal when limited power is required.

- **Tandem Cylinders**

These cylinders supplied with two pistons in a single or two housings, are ideal for applications where space is limited or added power is required.

- **High Speed Cylinders**

Ideal for high-speed applications, these cylinders are meant for CNC machines. They can be offered with provision to fit proximity switches.

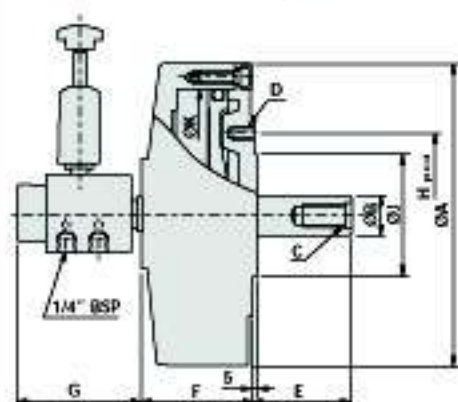
Pneumatic Cylinders

AC/ACH/ACMK

Dimensions : Model AC

Model	AC100	AC130	AC200	AC250	AC270
A	132	165	237	300	320
B	25	25	35	35	35
C x depth	M12 x 35	M16 x 30	M24 x 35	M24 x 50	M24 x 35
D	3 x M10	3 x M12	6 x M12	6 x M16	6 x M16
E (Max.)	54	60	87	95	95
E (Min.)	39	45	55	63	63
F	96	95	117	111	111
G (Max.)	137.7	137.7	154.7	155	153
G (Min.)	122.7	122.7	122.7	123	123
H	102	105	145	170	170
J	85	80	95	125	125
K	100	130	200	250	270
Piston Stroke	15	15	32	32	32
Max. Draw Bar					
Pwr (kg)	400	685	1800	2800	3050
Speed (rpm)	1500	1500	1500	1200	1200
Weight (kg)	8	9	16	23	28
Max. Operating Pressure (kg/cm ²)	6	6	6	6	6

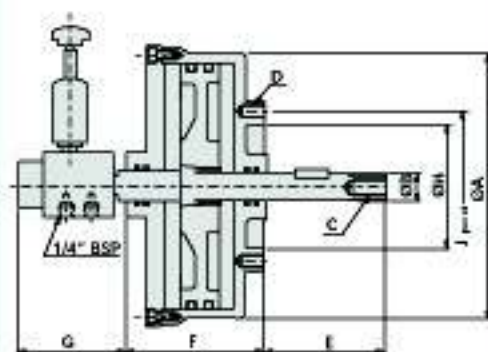
SINGLE AIR CYLINDER (MODEL-AC)



Dimensions : Model ACMK

Model	ACMK158	ACMK190	ACMK190	ACMK228	ACMK305
A	181	213	213	255	340
B	28.57	28.5	28.5	34.75	34.92x12TP(EXT)
C	5/8 BSW	5/8BSW	5/8BSW	3/4BSW	
D	3 x 3/8BSW	6 x 3/8BSW	6 x 3/8BSW	3 x 1/2BSW	3 x 5/8BSW
E (Max.)	69.75	71	67.15	114.5	158.76
E (Min.)	56.75	58	48.15	95.5	120.76
F	109.3	90	118.3	134.72	167.46
G (Max.)	145.65	162	145.65	144.62	163.72
G (Min.)	132.65	149	126.65	125.62	125.72
H	139.7	139.7	139.7	190.5	146.05
J	155.56	155.56	155.56	215.9	174.62
Cylinder bore (mm)	158.75	190	190.5	228.6	304.79
Piston stroke (mm)	13	13	19	19	38
Max. Draw Bar					
Pwr (kg)	862	1225	1225	1769	3195
Speed (rpm)	2000	1800	1800	1500	1000
Weight (kg)	11.3	13.2	15	23.6	38.6

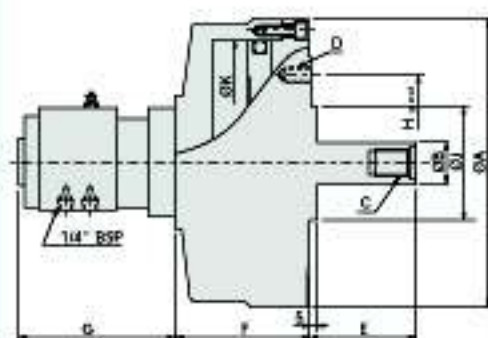
AIR CYLINDER (MODEL-ACMK)



Dimensions : Model ACH

Model	ACH100	ACH130	ACH200	ACH250	ACH270
A	135	165	237	300	320
B	25	25	35	35	35
C x depth	M12 x 30	M16 x 30	M24 x 35	M24 x 35	M24 x 35
D	3 x M10	3 x M12	6 x M12	6 x M16	6 x M16
E (Max.)	70	77	88	97	97
E (Min.)	45	45	56	65	65
F	100	108	112	117	117
G	134	134	134	134	134
H	80	105	145	170	170
J	50	130	95	125	125
K	100	130	200	250	270
Piston Stroke (mm)	25	32	32	32	32
Max. Draw Bar					
Pwr (kg)	400	685	1800	2800	3050
Speed (rpm)	3500	3500	3500	3000	2500
Weight (kg)	8	9	16	23	28
Max. Operating Pressure (kg/cm ²)	6	6	6	6	6

HIGH SPEED AIR CYLINDER (MODEL-ACH)



Note: The information set out in this catalogue is subject to any changes made without the publisher's. Further changes may be made without giving any notice.