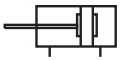
Fuerza de Trabajo

Unidad: Newton(N)

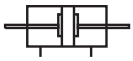
Ø Cilindro (mm)	Ø Vástago (mm)	Tipo de Accionamiento		Área de Émbolo (mm^2)	Presión de Trabajo (MPa)						
					0.1	0.2	0.3	0.4	0.5	0.6	0.7
20	10	Doble Efecto	Avance	314.2	31.4	62.8	94.2	125.7	157.1	188.5	219.9
			Retorno	235.6	23.6	47.1	70.7	94.2	117.8	141.4	164.9
25	10	Doble Efecto	Avance	490.9	49.1	98.2	147.3	196.3	245.4	294.5	343.6
			Retorno	412.3	41.2	82.5	123.7	164.9	206.2	247.4	288.6
32	12	Doble Efecto	Avance	804.2	80.4	160.8	241.3	321.7	402.2	482.5	563.0
			Retorno	691.2	69.1	138.2	207.3	276.5	345.6	414.7	483.8
40	12	Doble Efecto	Avance	1256.6	125.7	251.3	377.0	502.7	628.3	754.0	879.6
			Retorno	1143.5	114.4	228.7	343.1	457.4	571.8	686.1	800.5
50	16	Doble Efecto	Avance	1963.5	196.3	392.7	589.0	785.4	981.7	1178.1	1374.4
			Retorno	1762.4	176.2	352.5	528.7	705.0	881.2	1057.5	1233.7
63	16	Doble Efecto	Avance	3117.2	311.7	623.4	935.2	1246.9	1558.6	1870.3	2182.1
			Retorno	2916.2	291.6	583.2	874.9	1166.5	1458.1	1749.7	2041.3
80	20	Doble Efecto	Avance	5026.5	502.7	1005.3	1508.0	2040.6	2513.3	3015.9	3518.6
			Retorno	4712.4	471.2	942.5	1413.7	1885.0	2356.2	2827.4	3298.7
100	25	Doble Efecto	Avance	7854.0	785.4	2356.2	3141.6	3927.0	4712.4	5497.8	6283.2
			Retorno	7363.1	736.3	1472.6	2208.9	2945.2	3681.6	4417.9	5154.2

Simbología

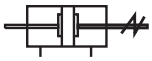
ACP



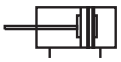
ACPD



ACPJ



ACP-S



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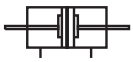
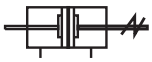


ACPJ-S



Especificaciones ACP

Ø Cilindro (mm)	20	25	32	40	60	63	80	100
Tipo de Accionamiento	Doble Efecto							
Fluido	Aire (filtrado a 40 µm)							
Presión de Trabajo	0.1 - 1.0 MPa (14 - 145 Psi)							
Presión de Prueba	1.5 MPa (215 Psi)							
Temperatura °C	-20 a 80							
Velocidad mm/s	30 - 500							
Tolerancia de Carrera	$0 - 150^{+1.0}_{0}$ > $0 - 150^{+1.4}_{0}$							
Tipo de Amortiguación	Parachoque							
Tamaño de Puerto	M5 x0.8		1/8"					1/4"
TPU Sellos Normal -5 a 80 °C								
NBR Sellos Viton Maximo 180 °C (Recomendado Hasta 120 °C)								

Cómo Ordenar

ACP S 20 x 30 B □

ACPD S 20 x 30 B □

ACPJ S 20 x 30 - 30 B □

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

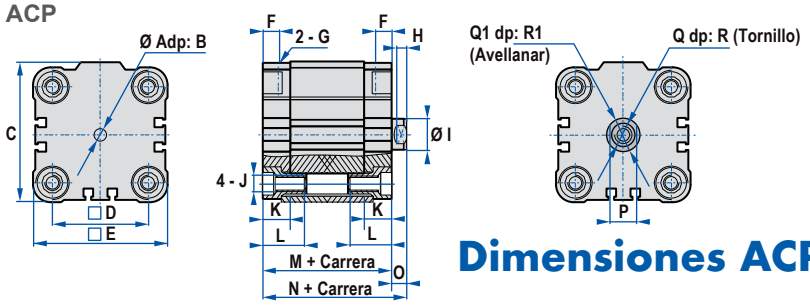
Material Vástago
Acero al Carbón 1045 20 micras de cromo

① Modelo	② Imán	③ Diámetro	④ Carrera	⑤ Ajuste de Carrera		⑥ Tipo de Vástago	⑦ Tipo de Montaje	⑨ Opciones
ACP: Doble Efecto	S: Con Imán	20	Tomar referencia de tabla Límites de Carrera	ACPJ:	10	Vacío: Hembra	Vacío: Sin Accesorios	Vacío: TPU
ACPD: Doble Vástgo		25			20		FA: Tipo FA	
ACPJ: Carrera Ajustable		32			30	B: Macho	FB: Tipo FB	HT: Alta Temperatura
		40			40		CA: Tipo CA	SR: Rosca especial
		50			50		CB: Tipo CB	SSR: Vástago de Acero Inoxidable 304
		63			75			EXV: Extensión de vástago
		80			100			EXC: Extensión de cuerda
		100						AG: Anti Giro
								TC: Trunion

Límites de Carrera

Ø Cilindro (mm)	Carrera Estándard (mm)																				Máxima Carrera
20	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	110	120	200
25	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	110	120	200
32	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	110	120	300
40	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	110	120	300
50	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	110	120	300
63	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	110	120	300
80	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	110	120	400
100	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	110	120	400

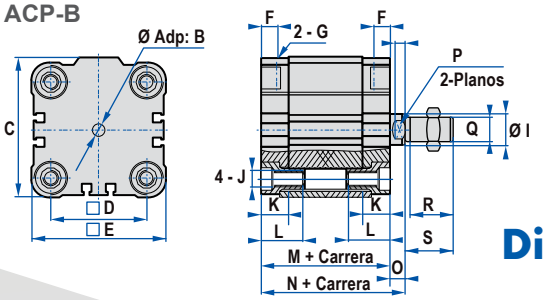
ACP



Dimensiones ACP Hembra

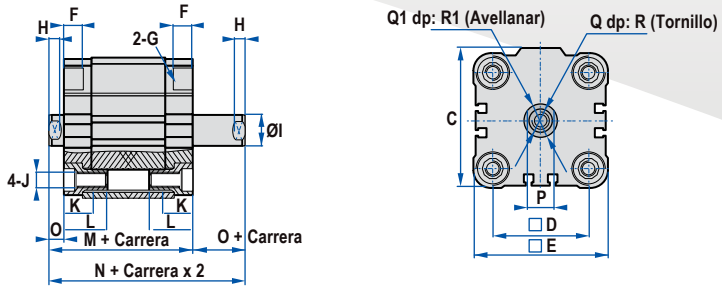
Ø Cilindro (mm)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	Q1	R	R1
20	6	4	37.5	22	36	7	M5 x 0.8	3	10	M5 x 0.8	11.5	18	38	42.5	4.5	8	M5 x 0.8	5.5	12	2
25	6.1	4	41.5	26	40	7	M5 x 0.8	4	10	M5 x 0.8	11.5	18	39.5	45	5.5	8	M5 x 0.8	5.5	12	2
32	6.1	4	52	32	50	8	1/8"	4.5	12	M6 x 1.0	14	21	44.5	50.5	6	10	M6 x 1.0	6.5	14	2.6
40	6.1	4	62.5	42	60	8	1/8"	4.5	12	M6 x 1.0	14	21	45.5	52	6.5	10	M6 x 1.0	6.5	14	2.6
50	6.1	4	71	50	68	8	1/8"	5	16	M8 x 1.25	14	21.5	45.5	53	7.5	13	M8 x 1.25	8.5	16	3.3
63	8.1	4	91	62	87	8	1/8"	5	16	M10 x 1.5	15	24	50	57.5	7.5	13	M8 x 1.25	8.5	16	3.3
80	8.1	4	111	82	107	8.5	1/8"	5.5	20	M10 x 1.5	16	27	56	64	8	17	M10 x 1.5	10.5	20	4.7
100	8.1	4	133	103	128	10.5	1/4"	7.5	25	M10 x 1.5	19	32	66.5	76.5	10	22	M12 x 1.7	12.5	24	6.1

ACP-B



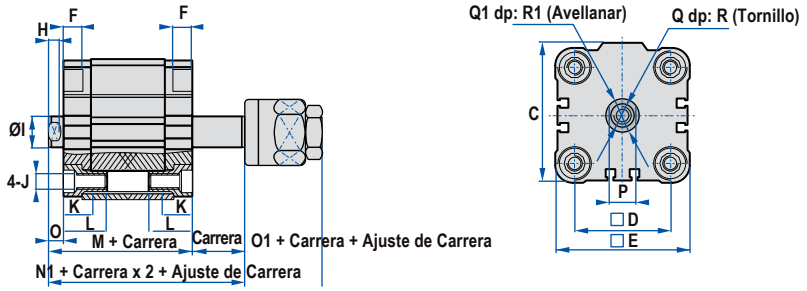
Dimensiones ACP Macho

Ø Cilindro (mm)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
20	6	4	37.5	22	36	7	M5 x 0.8	3	10	M5 x 0.8	11.5	18	38	42.5	4.5	8	M10x1.25	20	22
25	6.1	4	41.5	26	40	7	M5 x 0.8	4	10	M5 x 0.8	11.5	18	39.5	45	5.5	8	M10x1.25	20	22
32	6.1	4	52	32	50	8	1/8"	4.5	12	M6 x 1.0	14	21	44.5	50.5	6	10	M10x1.25	20	22
40	6.1	4	62.5	42	60	8	1/8"	4.5	12	M6 x 1.0	14	21	45.5	52	6.5	10	M10x1.25	20	22
50	6.1	4	71	50	68	8	1/8"	5	16	M8 x 1.25	14	21.5	45.5	53	7.5	13	M12x1.25	22	24
63	8.1	4	91	62	87	8	1/8"	5	16	M10 x 1.5	15	24	50	57.5	7.5	13	M12x1.25	22	24
80	8.1	4	111	82	107	8.5	1/8"	5.5	20	M10 x 1.5	16	27	56	64	8	17	M16x1.5	30	32
100	8.1	4	133	103	128	10.5	1/4"	7.5	25	M10 x 1.5	19	32	66.5	76.5	10	22	M20x1.5	38	40



Dimensiones ACPD Doble Vástago

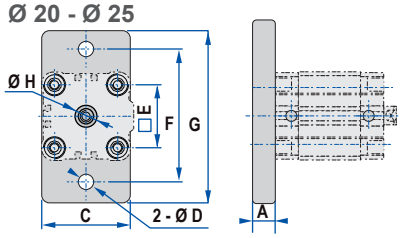
Ø Cilindro (mm)	C	D	E	F	G	H	I	J	K	L	M	N	N1	O	O1	P	Q	Q1	R	R1
20	37.5	22	36	7	M5 x 0.8	3	10	M5 x 0.8	11.5	18.5	38	47	69.5	4.5	27	8	M5 x 0.8	5.5	12	2
25	41.5	26	40	7	M5 x 0.8	4	10	M5 x 0.8	11.5	18.5	39.5	50.5	72	5.5	27	8	M5 x 0.8	5.5	12	2
32	52	32	50	8	1/8”	4.5	12	M6 x 1.0	14	21.5	44.5	56.5	77.5	6	27	10	M6 x 1.0	6.5	14	2.6
40	62.5	42	60	8	1/8”	4.5	12	M6 x 1.0	14	21.5	45.5	58.5	79	6.5	27	10	M6 x 1.0	6.5	14	2.6
50	71	50	68	8	1/8”	5	16	M8 x 1.25	14	22	45.5	60.5	81	7.5	28	13	M8 x 1.25	8.5	16	3.3
63	91	62	87	8	1/8”	5	16	M10 x 1.5	15	24.5	50	65	85.5	7.5	28	13	M8 x 1.25	8.5	16	3.3
80	111	82	107	8.5	1/8”	5.5	20	M10 x 1.5	16	27.5	56	72	95	8	31	17	M10 x 1.5	10.5	20	4.7
100	133	103	128	10.5	1/4”	7.5	25	M10 x 1.5	19	32.5	66.5	86.5	115.5	10	39	22	M12 x 1.75	12.5	24	6.1



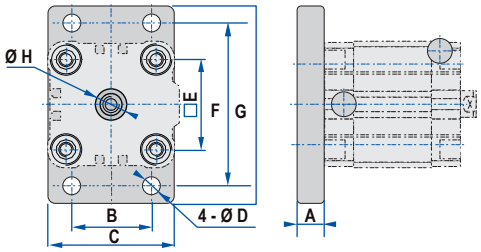
Dimensiones ACPJ Ajuste de Carrera

Ø Cilindro (mm)	C	D	E	F	G	H	I	J	K	L	M	N	N1	O	O1	P	Q	Q1	R	R1
20	37.5	22	36	7	M5 x 0.8	3	10	M5 x 0.8	11.5	18.5	38	47	69.5	4.5	27	8	M5 x 0.8	5.5	12	2
25	41.5	26	40	7	M5 x 0.8	4	10	M5 x 0.8	11.5	18.5	39.5	50.5	72	5.5	27	8	M5 x 0.8	5.5	12	2
32	52	32	50	8	1/8”	4.5	12	M6 x 1.0	14	21.5	44.5	56.5	77.5	6	27	10	M6 x 1.0	6.5	14	2.6
40	62.5	42	60	8	1/8”	4.5	12	M6 x 1.0	14	21.5	45.5	58.5	79	6.5	27	10	M6 x 1.0	6.5	14	2.6
50	71	50	68	8	1/8”	5	16	M8 x 1.25	14	22	45.5	60.5	81	7.5	28	13	M8 x 1.25	8.5	16	3.3
63	91	62	87	8	1/8”	5	16	M10 x 1.5	15	24.5	50	65	85.5	7.5	28	13	M8 x 1.25	8.5	16	3.3
80	111	82	107	8.5	1/8”	5.5	20	M10 x 1.5	16	27.5	56	72	95	8	31	17	M10 x 1.5	10.5	20	4.7
100	133	103	128	10.5	1/4”	7.5	25	M10 x 1.5	19	32.5	66.5	86.5	115.5	10	39	22	M12 x 1.75	12.5	24	6.1

Ø 20 - Ø 25



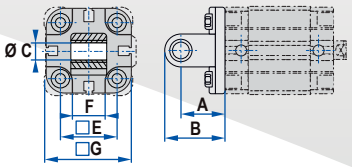
Ø 32 - Ø 100



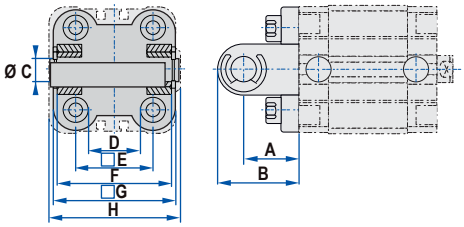
Dimensiones Montaje FA / FB

Ø Cilindro (mm)	A	B	C	D	E	F	G	H
20	10		36	6.5	22	55	68	16
25	10		40	6.5	26	60	78	16
32	10	32	50	7	32	65	78	18
40	10	36	60	9	42	82	102	18
50	12	45	68	9	50	90	110	22
63	15	50	87	9	62	110	128	22
80	15	63	107	12	82	135	160	28
100	15	75	128	14	103	163	190	34

Ø 12 - Ø 25 CA Macho



Ø 32 - Ø 100 CB Hembra



Dimensiones Montaje CA / CB

Ø Cilindro (mm)	A	B	C	D	E	F	G	H
20	20	28	8		22	16	34.5	
25	20	28	8		26	16	38.5	
32	22	32	10	26	32	45	48	51.5
40	25	37	12	28	42	52	58	59
50	27	39	12	32	50	60	66	67
63	32	48	16	40	62	70	85	77
80	36	52	16	50	82	90	105	97
100	41	61	20	60	103	110	126	119

Dimensiones Montaje LB

Ø Cilindro (mm)	A	B	C	D	E	F	G	H
20	27	4	38	70	82.6	6.5	22	34
25	29	4	39.5	71.5	84	6.5	26	38
32	34	5	44.5	80.5	97.1	6.5	32	48
40	40.5	5	45.5	85.5	102.1	9	42	58
50	47	6	45.5	93.5	110.1	9	50	66
63	56.5	6	50	104	127.6	11	62	85
80	68.5	8	56	116	139.6	11	82	105
100	81	8	66.5	132.5	156.1	13.5	103	126