

CILINDRO ISO 6432 Y REDONDO
ISO 6432 CYLINDER AND ROUND CYLINDER



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CILINDRO REDONDO

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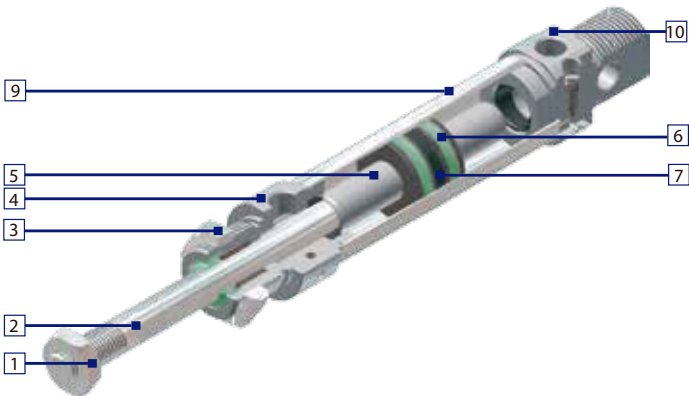
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Lista de componentes
Parts list

Table with 3 columns: N°, Descripción / Description, Material / Material. Rows 1-10 detailing components like Tuerca vástago, Vástago, Tuerca culata delantera, etc.



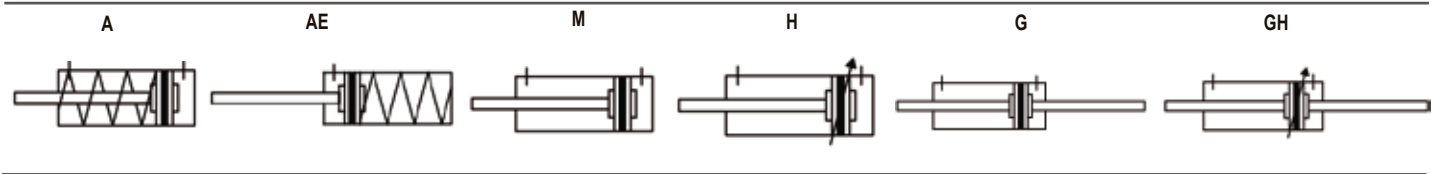
Códigos
Order code

Table with 5 columns: MGM, 25, G, 50, and Tipo de junta. It details the order code structure for different cylinder models and seal types.

Ejemplo Código Cilindro redondo a normativa ISO 6432. Doble vástago pasante magnetico. Ø25 carrera 50
Order Code ISO 6432 round cylinder. Double Acting Magnetic Ø25 Stroke 50

COD: MGM 025 G 0050

Versión
Version



CILINDROS DIAMETRO 8mm A 25mm

Cylinder from diameter 8mm a 25mm



Características técnicas
Specifications

Características técnicas Specifications		Ø8	Ø10	Ø12	Ø16	Ø20	Ø25
Fluido Fluid		Aire filtrado, lubricado o sin lubricar Filtred lubricated or not lubricated air					
Fijaciones Mountings		ISO 6432					
Conexión Connections		M5				G 1/8"	
Presión de trabajo Working pressure		= 1 ÷ 10 bar 2 ÷ 10 bar					
Temperatura ambiente Working temperature range		NBR: -20 ÷ 80°C / FKM: -20 ÷ +150°C					
Fuerza de trabajo de extensión (6bar) Thrust force (6bar)	Doble Efecto Magnético Double Acting Magnetic	2,4 kg	4,7 kg	6,8 kg	10,4 kg	16,5 kg	26,7 kg
	Simple Efecto Magnético vástago retraído Single Acting type whith Magnetic. Push type	2 kg	3,5 kg	5 kg	9 kg	15 kg	25 kg
Fuerza de trabajo de retracción (6bar) Traction force (6bar)	Doble Efecto Magnético Double Acting Magnetic	1,6 kg	3,9 kg	3,8 kg	8,7 kg	14 kg	22 kg
	Simple Efecto Magnético vástago retraído Single Acting type whith Magnetic. Push type	0,5 kg	0,55 kg	0,7 kg	1,4 kg	1,9 kg	2,4 kg
Vida útil (en condiciones de trabajo adecuadas) Life (if properly used)		5000 km					
Peso [gr] (C=0 peso 1mm CxC) Weight [gr] (C=0 weight 1mm CxC)		20+0,25xC	30+0,3xC	60+0,45xC	83+0,56xC	150+0,72xC	224+1,13xC

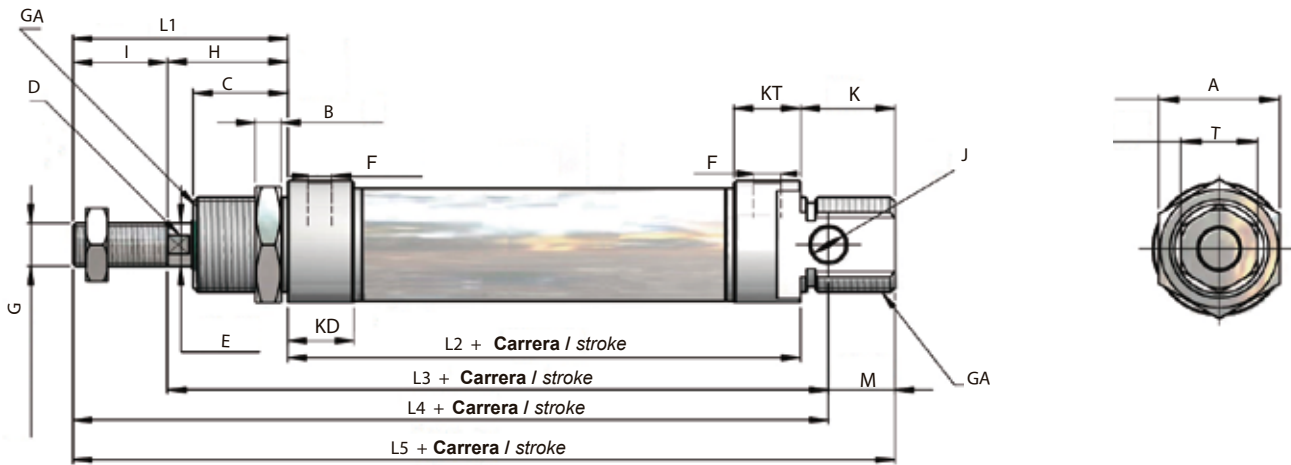
Carrera estandar
Stand stroke

Ø (mm)	Carrera / Stroke										
Ø8	10	25	40	50	80	100					
Ø10	10	25	40	50	80	100					
Ø12	10	25	40	50	80	100	125	160	200		
Ø16	10	25	40	50	80	100	125	160	200		
Ø20	10	25	40	50	80	100	125	160	200	250	320
Ø25	10	25	40	50	80	100	125	160	200	250	320 400 500

Consumo x 10mm carrera (6bar)
Consumption x 10mm stroke (6bar)

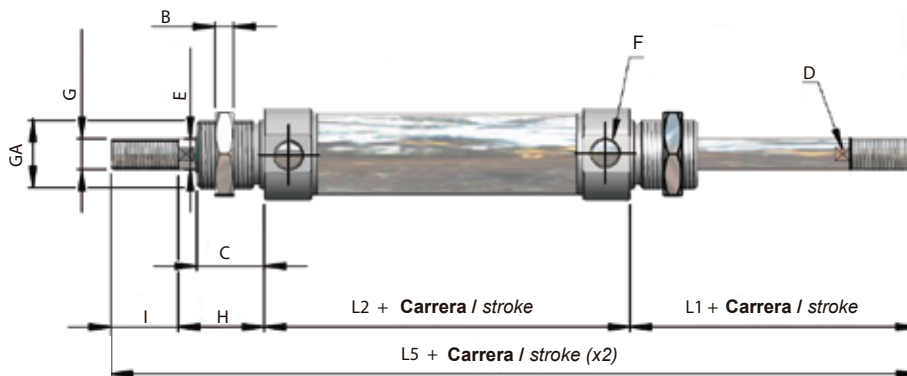
Ø8	q _s = 3,5x10 ⁻³ NI/min q _t = 2,7x10 ⁻³ NI/min
Ø10	q _s = 5,5x10 ⁻³ NI/min q _t = 4,6x10 ⁻³ NI/min
Ø12	q _s = 7,9x10 ⁻³ NI/min q _t = 5,9x10 ⁻³ NI/min
Ø16	q _s = 14,1x10 ⁻³ NI/min q _t = 12,1x10 ⁻³ NI/min
Ø20	q _s = 22,1x10 ⁻³ NI/min q _t = 18,5x10 ⁻³ NI/min
Ø25	q _s = 34,5x10 ⁻³ NI/min q _t = 28,9x10 ⁻³ NI/min

Doble Efecto Magnético
Double Acting Magnetic



Ø	A	B	C	D	ØE	F	G	GA	H	I	ØJ	K	L1	L2	L3	L4	L5	KD	T	KT	M
8	17	6	12	-	4	M5x0,8	M4x0,7	M12x1,25	17,5	10,5	4	12	28	46	64	78	86	11,5	7	9,5	10
10	17	6	12	-	4	M5x0,8	M4x0,7	M12x1,25	17,5	10,5	4	12	28	46	64	78	86	11,5	7	9,5	10
12	22	6	17	5	6	M5x0,8	M6x1,0	M16x1,5	24	14	6	17	38	50	75	91	105	12,5	10	10,5	14
16	22	6	17	5	6	M5x0,8	M6x1,0	M16x1,5	23,5	14,5	6	17	38	56	82	98	111	12,5	10	10,5	13
20	29	7	20	6	8	1/8"	M8x1,25	M22x1,5	26	18	8	20	44	62	95,5	115	126	14,5	12	14,5	11
25	29	7	22	8	10	1/8"	M10x1,25	M22x1,5	29,5	20,5	8	22	50	65	104,5	126	137	16	17	16	11

Doble Vástago Pasante Magnético
Double Rod Magnetic

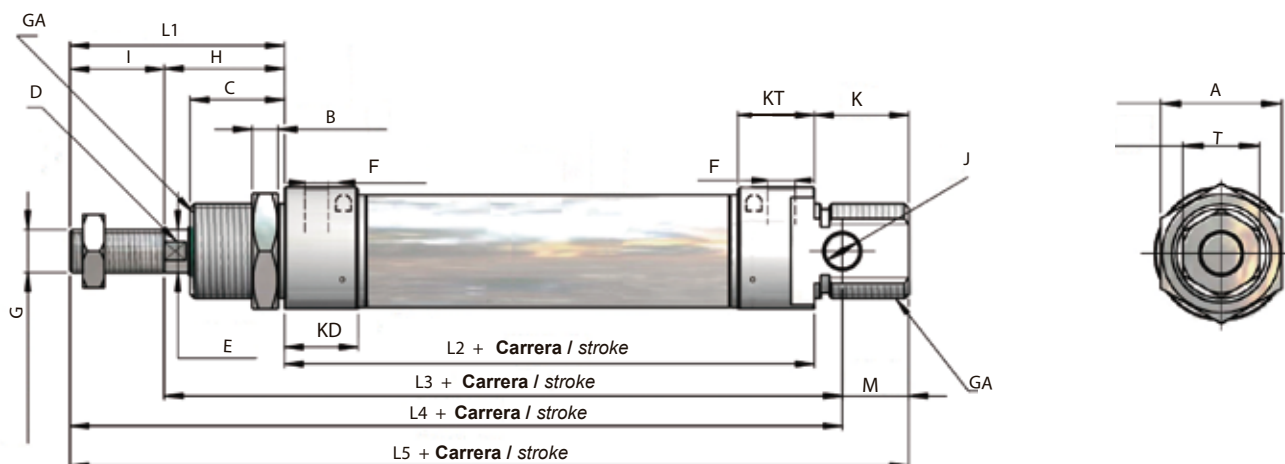


Ø	B	C	D	ØE	F	G	GA	H	I	L1	L2	L5
8	6	12	-	4	M5x0,8	M4x0,7	M12x1,25	17,5	10,5	28	48	104
10	6	12	-	4	M5x0,8	M4x0,7	M12x1,25	17,5	10,5	28	48	104
12	6	17	5	6	M5x0,8	M6x1,0	M16x1,5	24	14	38	52	128
16	6	17	5	6	M5x0,8	M6x1,0	M16x1,5	23,5	14,5	38	58	134
20	7	20	6	8	1/8"	M8x1,25	M22x1,5	26	18	44	62	150
25	7	22	8	10	1/8"	M10x1,25	M22x1,5	30	20	50	65	165

Para otras versiones consultar dept. comercial

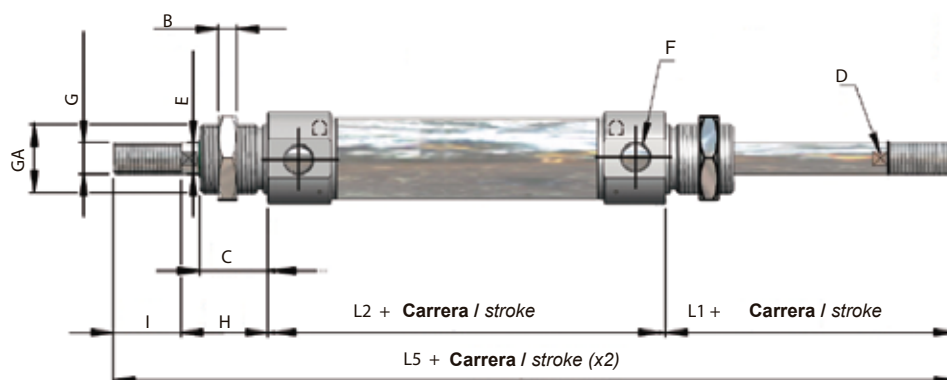
For other versions, please ask our sales dept.

Doble Efecto Magnético Amortiguado
Double Acting Magnetic with Cushion



Ø	A	B	C	D	ØE	F	G	GA	H	I	ØJ	K	L1	L2	L3	L4	L5	KD	T	KT	M
16	22	6	17	5	6	M5x0,8	M6x1,0	M16x1,5	23,5	14,5	6	17	38	56	82	98	111	12,5	10	12	13
20	29	7	20	6	8	1/8"	M8x1,25	M22x1,5	26	18	8	20	44	62	95	115	126	14,5	12	14,5	11
25	29	7	22	8	10	1/8"	M10x1,25	M22x1,5	29,5	20,5	8	22	50	65	104	126	137	16	17	16	11

Doble Vástago Pasante Magnético Amortiguado
Double Rod Magnetic with Cushion

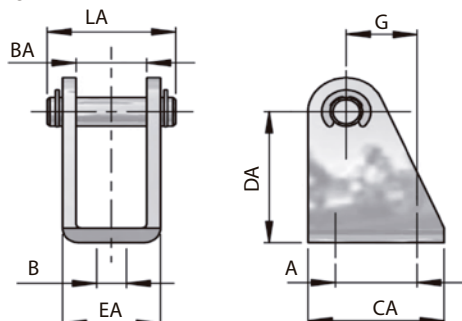


Ø	B	C	D	ØE	F	G	GA	H	I	L1	L2	L5
16	6	17	5	6	M5x0,8	M6x1,0	M16x1,5	23,5	14,5	38	58	134
20	7	20	6	8	1/8"	M8x1,25	M22x1,5	26	18	44	62	150
25	7	22	8	10	1/8"	M10x1,25	M22x1,5	30	20	50	65	165

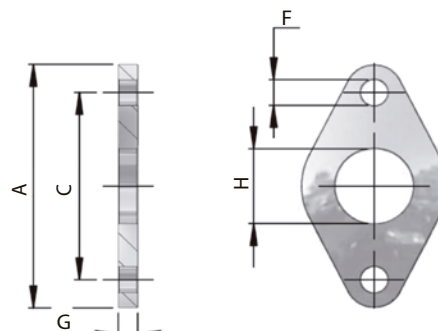
ACCESORIOS Y FIJACIONES ISO 6432 DIAMETRO 8mm A 25mm

Fixing and Accessories ISO 6432 from diameter 8mm a 25mm

Charnela hembra
Swivel flange



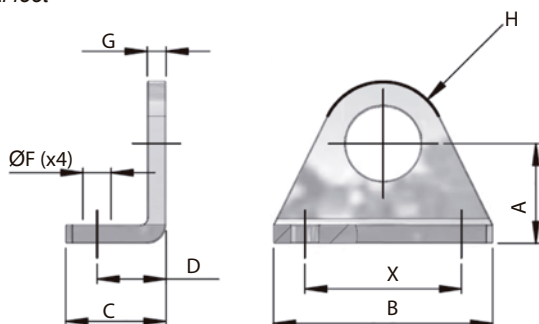
Placa fijación de dos agujeros
Rod flange



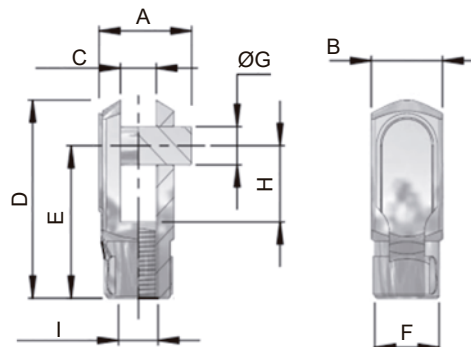
Código/Code	Ø cilindro	A	B	BA	CA	DA	EA	G	L
KD001020	8	12,5	4,5	8,1	20	24	13,1	11	18,4
KD001020	10	12,5	4,5	8,1	20	24	13,1	11	18,4
KD001021	12	15	5,5	12,1	25	27	18,1	13	28
KD001021	16	15	5,5	12,1	25	27	18,1	13	28
KD001022	20	20	7	16,1	32	30	24,1	16	38
KD001022	25	20	7	16,1	32	30	24,1	16	38

Código/Code	Ø cilindro	A	C	ØF	G	ØH
KD001571	8	40	30	4,5	3	12
KD001571	10	40	30	4,5	3	12
KD001572	12	52	40	5,5	4	16
KD001572	16	52	40	5,5	4	16
KD001573	20	66	50	6,5	5	22
KD001573	25	66	50	6,5	5	22

Pata fijación
Axial foot



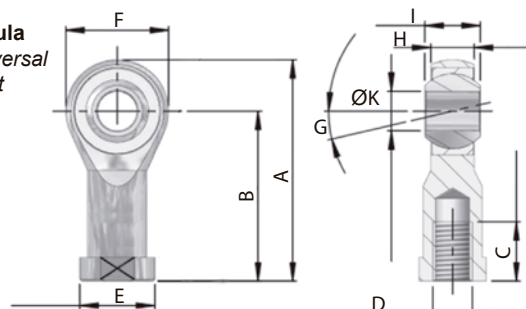
Horquilla
Rod clevis



Código/Code	Ø cilindro	A	B	C	D	ØF(x4)	G	H	X
KD001590	8	16	35	16	11	4,5	2	10	25
KD001590	10	16	35	16	11	4,5	2	10	25
KD001592	12	20	42	20	14	5,5	2,5	13	32
KD001592	16	20	42	20	14	5,5	2,5	13	32
KD001593	20	25	54	25	17	7	3	20	40
KD001593	25	25	54	25	17	7	3	20	40

Código/Code	Ø cilindro	A	B	C	D	E	F	ØG	H	I
FOR04	8	11	8	4	21	16	8	4	8	M4x0,7
FOR04	10	11	8	4	21	16	8	4	8	M4x0,7
FOR06	12	16	12	6	31	24	10	6	12	M6x1,0
FOR06	16	16	12	6	31	24	10	6	12	M6x1,0
FOR08	20	22	20	8	42	32	14	8	16	M8x1,25
FOR10	25	26	24	10	52	40	18	10	20	M10x1,25

Rótula
Universal Joint



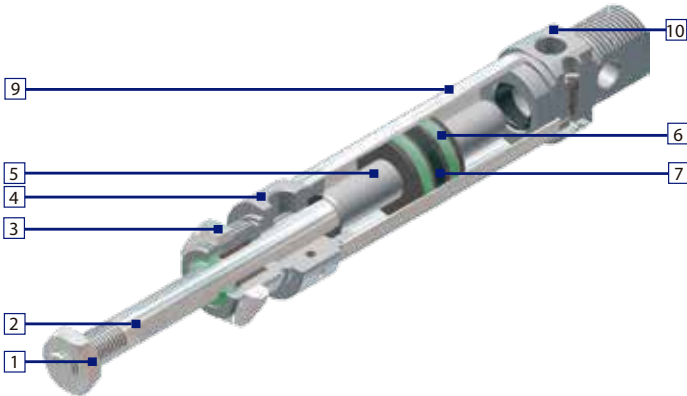
Código/Code	Ø cilindro	A	B	C	D	E	F	G	H	I	ØK
KD000002	8	36	27	10	M4x0,7	10	18	13	6	8	5
KD000002	10	36	27	10	M4x0,7	10	18	13	6	8	5
KD000003	12	40	30	12	M6x1,00	11	20	13	6,8	9	6
KD000003	16	40	30	12	M6x1,00	11	20	13	6,8	9	6
KD000004	20	48	36	16	M8x1,25	14	24	13	9	12	8
KD000005	25	56	43	20	M10x1,25	17	26	13	11	14	10

■ Para otros diámetros y otros modelos consultar dept. comercial

■ For other diameters and figures, please ask our sales dept.

Lista de componentes
Parts list

Table with 3 columns: N°, Descripción / Description, Material / Material. Rows include parts like Tuerca vástago, Vástago, Tuerca culata delantera, etc.



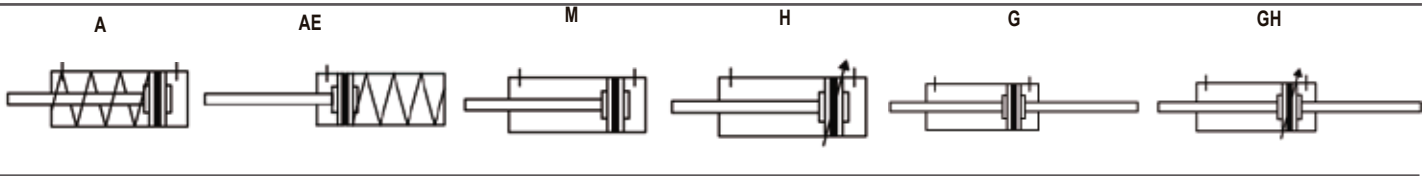
Códigos
Order code

Table for order codes with columns: MGM, 40, G, 50, and a detailed section for Model, Diameter, Version, Stroke, and Seal type.

Ejemplo Código Cilindro redondo a normativa ISO 6432. Doble vástago pasante magnetico. Ø40 carrera 50
Order Code ISO 6432 round cylinder. Double Acting Magnetic Ø40 Stroke 50

COD: MGM 040 G 0050

Versión
Version



CILINDROS DIAMETRO 32mm A 63mm

Cylinder from diameter 32mm to 63mm



Características técnicas

Specifications

Características técnicas Specifications		Ø32	Ø40	Ø50	Ø63
Fluido Fluid		Aire filtrado, lubricado o sin lubricar Filtred lubricated or not lubricated air			
Fijaciones Mountings		-			
Conexión Connections		G 1/8"	G 1/4"		G 3/8"
Presión de trabajo Working pressure		= 1 ÷ 10 bar 2 ÷ 10 bar			
Temperatura ambiente Working temperature range		NBR: -20 ÷ 80°C / FKM: -20 ÷ +150°C			
Fuerza de trabajo de extensión (6bar) Thrust force (6bar)	Doble Efecto Magnético Double Acting Magnetic	48,25 kg	75 kg	75 kg	75 kg
	Simple Efecto Magnético vástago retraído Single Acting type whith Magnetic. Push type	47,50 kg	74,25 kg	74,25 kg	74,25 kg
Fuerza de trabajo de retracción (6bar) Traction force (6bar)	Doble Efecto Magnético Double Acting Magnetic	41,46 kg	63,3 kg	63,3 kg	63,3 kg
	Simple Efecto Magnético vástago retraído Single Acting type whith Magnetic. Push type	2,9 kg	3,4 kg	3,4 kg	3,4 kg
Vida útil (en condiciones de trabajo adecuadas) Life (if properly used)		5000 km			
Peso [gr] (C=0 peso 1mm CxC) Weight [gr] (C=0 weight 1mm CxC)		292+2,20xC	312+2,60xC		

Carrera estandar

Stand stroke

Ø (mm)	Carrera/ Stroke										
Ø32	10	25	40	50	80	100	125	160	200	250	300
Ø40	10	25	40	50	80	100	125	160	200	250	300
Ø50	10	25	40	50	80	100	125	160	200	250	300
Ø63	10	25	40	50	80	100	125	160	200	250	300

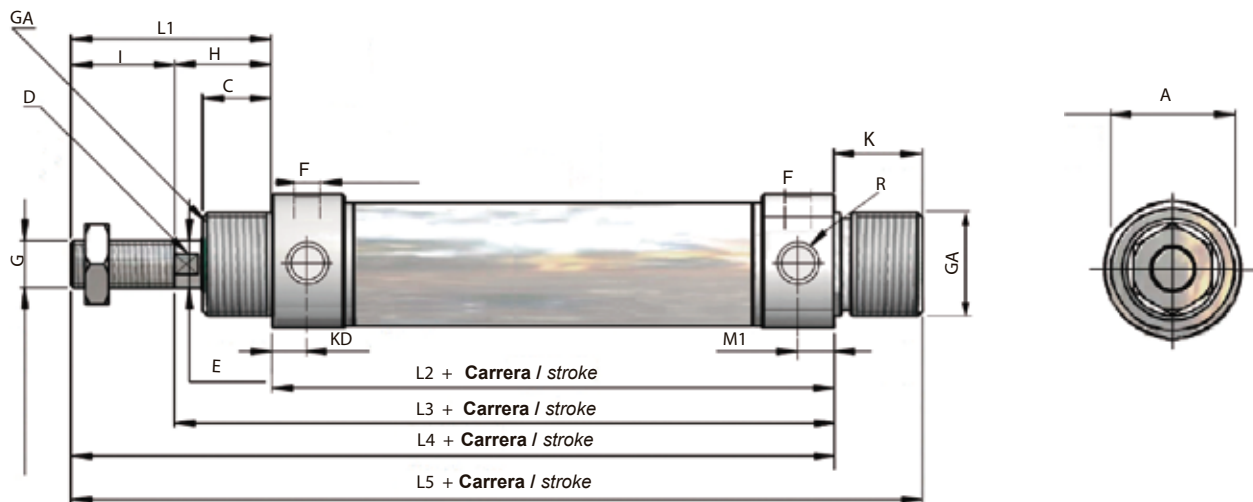
Consumo x 10mm carrera (6bar)

Consumption x 10mm stroke (6bar)

Ø32	q _s = 56,1x10 ⁻³ NI/min q _t = 48x10 ⁻³ NI/min
Ø40	q _s = 87x10 ⁻³ NI/min q _t = 74x10 ⁻³ NI/min
Ø50	q _s = 87x10 ⁻³ NI/min q _t = 74x10 ⁻³ NI/min
Ø63	q _s = 87x10 ⁻³ NI/min q _t = 74x10 ⁻³ NI/min

Doble Efecto Magnético

Double Acting Magnetic

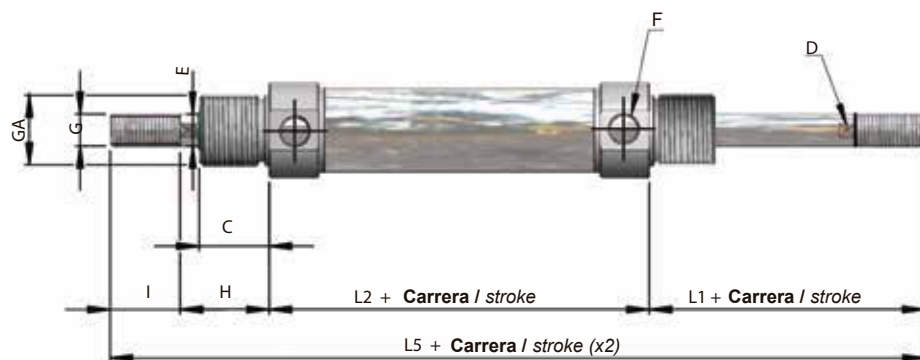


Ø	A	C	D	ØE	F	G	GA	H	I	K	L1	L2	L3	L4	L5	KD	M1	R
32	36	30	10	12	1/8"	M10x1,25	M30x1,5	39,5	18,5	14	58	68	107,5	126	140	9	9	M8x1,0
40	46	35	14	16	1/4"	M12x1,25	M38x1,5	46,5	22,5	16	69	89	137	158	174	12	12	M10x1,0
50	53	38	17	20	1/4"	M16x1,50	M45x1,5	50	32	18	82	120	170	202	220	12	12	M12x1,5
63	66	38	17	20	3/8"	M16x1,50	M45x1,5	50	32	18	82	124	174	206	224	13	13	M14x1,5



Doble Vástago Pasante Magnético

Double Rod Magnetic



Ø	C	D	ØE	F	G	GA	H	I	L1	L2	L5
32	30	10	12	1/8"	M10x1,25	M30x1,5	39,5	18,5	58	68	184
40	35	14	16	1/4"	M12x1,25	M38x1,5	46,5	22,5	69	89	227
50	38	17	20	1/4"	M16x1,50	M45x1,5	50	32	82	120	284
63	38	17	20	3/8"	M16x1,50	M45x1,5	50	32	82	124	288

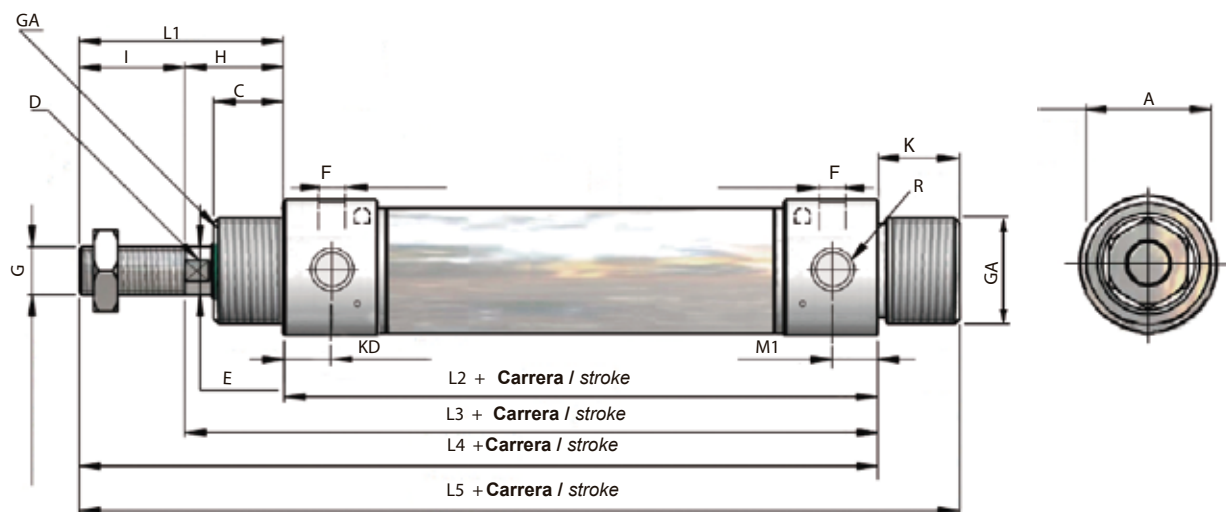


Para otras versiones consultar dept. comercial

For other versions, please ask our sales dept.

Doble Efecto Magnético Amortiguado

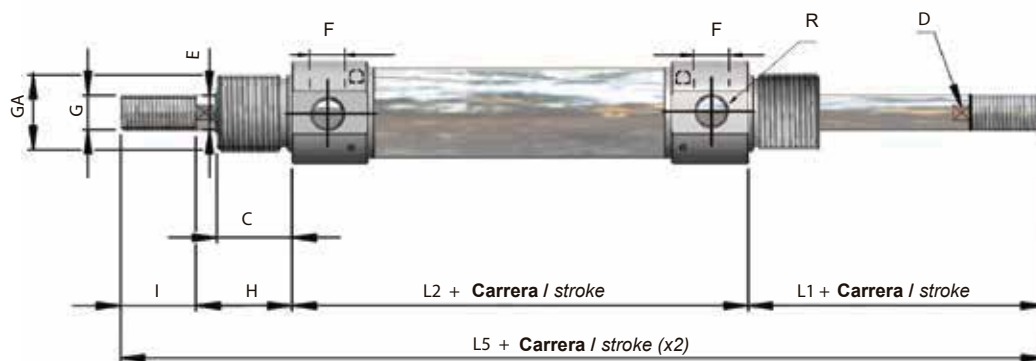
Double Acting Magnetic with Cushion



Ø	A	C	D	ØE	F	G	GA	H	I	K	L1	L2	L3	L4	L5	KD	M1	R
32	36	30	10	12	1/8"	M10x1,25	M30x1,5	39,5	18,5	14	58	68	107,5	126	140	9	9	M8x1,0
40	46	35	14	16	1/4"	M12x1,25	M38x1,5	46,5	22,5	16	69	89	135,5	158	174	12	12	M10x1,0
50	55	38	17	20	1/4"	M16x1,50	M45x1,5	50	32	18	82	120	170	202	220	12	12	M12x1,5
63	67,5	38	17	20	3/8"	M16x1,50	M45x1,5	50	32	18	82	124	174	206	224	13	13	M14x1,5

Doble Vástago Pasante Magnético Amortiguado

Double Rod Magnetic with Cushion



Ø	C	D	ØE	F	G	GA	H	I	L1	L2	L5	R
32	30	10	12	1/8"	M10x1,25	M30x1,5	39,5	18,5	58	68	184	M8X1,0
40	35	14	16	1/4"	M12x1,25	M38x1,5	46,5	22,5	69	89	227	M10X1,0
50	38	17	20	1/4"	M16x1,50	M45x1,5	50	32	82	120	284	M12X1,5
63	38	17	20	3/8"	M16x1,50	M45x1,5	50	32	82	124	288	M14X1,5

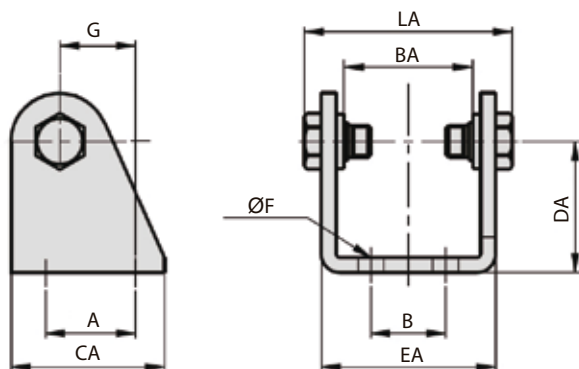
Para otras versiones consultar dept. comercial

For other versions, please ask our sales dept.

ACCESORIOS Y FIJACIONES ISO 6432 DIAMETRO 32Mmm A 63mm

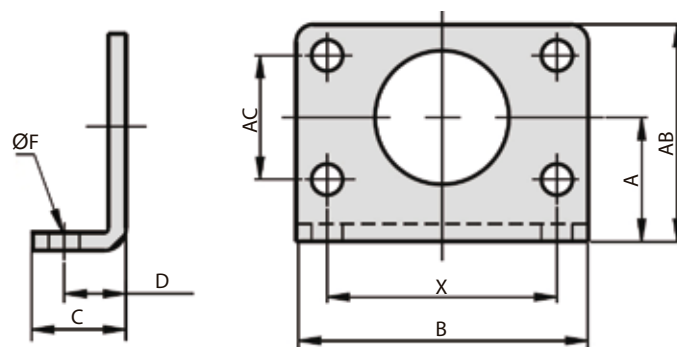
Fixing and Accessories ISO 6432 from diameter 32mm to 63mm

Charnela hembra
Swivel flange



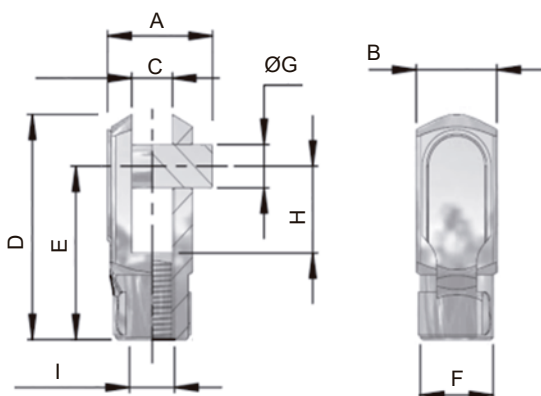
Código/Code	Ø cilindro	A	B	BA	CA	DA	EA	G	LA	F(x4)
KD001023	32	24	20	34,6	41	35	46,6	20	55,5	7
KD001024	40	30	28	42,6	52	40	58,6	27	69,5	9
KD001025	50	34	36	57,1	54	45	69,1	30	74,1	9
KD001026	63	35	42	70,1	65	50	82,1	34	87,1	9

Placa fijación
Axial foot



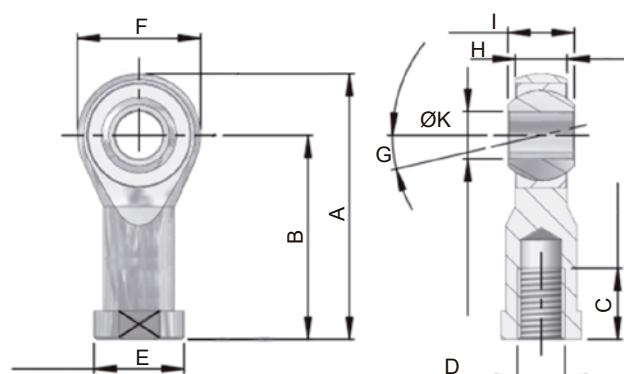
Código/Code	Ø cilindro	A	AB	AC	B	C	D	ØF(x12)	X
KD001594	32	28	49	28	66	21	14	7	52
KD001595	40	33	58	30	80	30	20	9	60
KD001596	50	40	70	40	90	30	20	9	70
KD001597	63	45	80	50	96	30	20	9	76

1 Horquilla 2 Clip
1 Rod clevis 2 Clip



Código/Code	Ø cilindro	A	B	C	D	E	F	ØG	H	I
FOR10	32	26	20	10	52	40	18	10	20	M10X1,25
FOR12	40	27	24	12	62	48	20	12	24	M12X1,25
FOR18	50	38	32	16	83	64	26	16	32	M16X1,50
FOR18	63	38	32	16	83	64	26	16	32	M16X1,50

Rótula
Universal joint



Código/Code	Ø cilindro	A	B	C	D	E	ØF	G	H	I
KD000005	32	56	43	20	M10X1,25	17	26	13	11	14
KD000006	40	66	50	22	M12X1,25	19	32	13	12	16
KD000007	50	84	64	28	M16X1,5	22	40	15	15	21
KD000007	63	84	64	28	M16X1,5	22	40	15	15	21

■ Para otros diámetros y otros modelos consultar dept. comercial

■ For other diameters and figures, please ask our sales dept.



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