

CILINDRO COMPACTO ISO 21287 INOXIDABLE
ISO 21287 COMPACT CYLINDER STAINLESS STEEL



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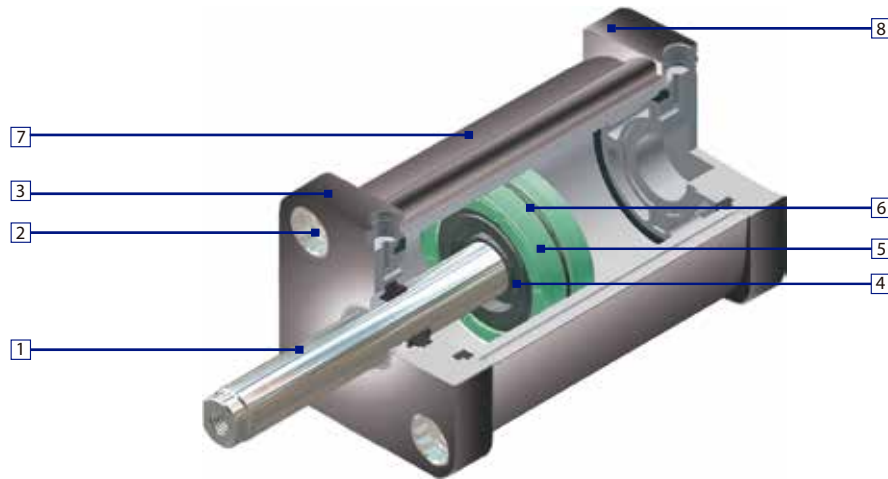
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Double Rod Magnetic steel Rod and malethread.....7

CILINDRO COMPACTO ISO 21287 INOXIDABLE

ISO 21287 compact cylinder stainless steel



Lista de componentes Parts list

Nº	Descripción / Description	Material / Material	Nº	Descripción / Description	Material / Material
1	Vástago / Piston rod	Acero Inoxidable AISI 304 o AISI 316 Stainless steel AISI 304 or AISI 316	5	Junta émbolo / Piston seal	NBR o FKM NBR or FKM
2	Tornillo / Screw	Acero Inoxidable AISI 304 o AISI 316 Stainless steel AISI 304 or AISI 316	6	Aro magnético / Magnetic ring	
3	Cualata delantera / Head cover	Acero Inoxidable AISI 304 o AISI 316 Stainless steel AISI 304 or AISI 316	7	Tubo cilindro / Cylinder tube	Acero Inoxidable AISI 304 o AISI 316 Stainless steel AISI 304 or AISI 316
4	Émbolo / Piston	Aleación aluminio / Aluminum alloy	8	Culata trasera / End cover	Acero Inoxidable AISI 304 o AISI 316 Stainless steel AISI 304 or AISI 316

Códigos Order code

MGO	100	E	50	X	
Modelo Model	Diámetro Diameter	Versión Version	Carrera Stroke	Tipo Inox Stainless steel type	Tipo de junta Seal type
MGO Cilindro ISO21287 Perfil redondo con tirantes ISO 21287 Cylinder. Round profile with tie rods	12	AX Simple Efecto Magnético vástago inox retraído Single Acting type with Magnetic. Push type. Stainless steel Rod	0 - 2850	X Acero Inoxidable AISI 304 Stainless steel AISI 304	"En blanco" Standar (NBR) Blank
	16	AEX Simple Efecto Magnético vástago inox extendido Single Acting type with Magnetic. Pull type. Stainless steel Rod		XX Acero Inoxidable AISI 316 Stainless steel AISI 316	V FKM
	20				
	25				
	32				
	40				
	50				
	63				
	80				
	100				

Ejemplo Código Cilindro compacto ISO 21287 acero inoxidable AISI 304 Ø32 carrera 50
Order Code ISO 21287Compact Cylinder stainless steel AISI 304 Ø32 Stroke 50

■ Para más información consultar dept. comercial/ For more information, ask our sales dept.

COD: MGO 032 E X 0050

Versión
Version



ACCESORIOS Y FIJACIONES ISO 21287 INOXIDABLE

Fixing and Accessories ISO 21287 stainless steel

Accesorios inoxidables disponibles, contactar con el dep. comercial
Accessories stainless steel available, please ask our sales dept.

CILINDRO COMPACTO ISO 21287 INOXIDABLE

ISO 21287 compact cylinder stainless steel



CILINDROS DIAMETRO 12mm A 100mm

Cylinder from diameter 12mm to 100mm



Características técnicas

Specifications

Características técnicas Specifications	Ø12	Ø16	Ø20	Ø25	Ø32	Ø40	Ø50	Ø63	Ø80	Ø100
Fluido Fluid	Aire filtrado, lubricado o sin lubricar Filtred lubricated or not lubricated air									
Fijaciones Mountings	ISO 21287									
Conexión Connections	M5				G 1/8"					G 1/4"
Presión de trabajo Working pressure	= 1 ÷ 10 bar 2 ÷ 10 bar									
Temperatura ambiente Working temperature range	NBR: -20 ÷ 80°C / VITON: -20 ÷ +150°C									
Fuerza de trabajo de extensión (6bar) Thrust force (6bar)	7 Kg	12 Kg	18 Kg	29 Kg	47 Kg	75 Kg	120 Kg	187 Kg	302 Kg	480,3 Kg
Fuerza de trabajo de retracción (6bar) Traction force (6bar)	4 Kg	9 Kg	14 Kg	25 Kg	41,4 Kg	68 Kg	107,7 Kg	174 Kg	282 Kg	450,3 Kg
Vida útil (en condiciones de trabajo adecuadas) Life (if properly used)	4000 km				5000 km					

Consumo x 10mm carrera (6bar)

Consumption x 10mm stroke (6bar)

	Ø16	Ø20	Ø25	Ø32	Ø40	Ø50	Ø63	Ø80	Ø100
q _s	14x10 ⁻³ NI/min	22x10 ⁻³ NI/min	34x10 ⁻³ NI/min	56x10 ⁻³ NI/min	87x10 ⁻³ NI/min	135x10 ⁻³ NI/min	187x10 ⁻³ NI/min	350x10 ⁻³ NI/min	550x10 ⁻³ NI/min
q _t	10,6x10 ⁻³ NI/min	12,7x10 ⁻³ NI/min	29x10 ⁻³ NI/min	48x10 ⁻³ NI/min	74x10 ⁻³ NI/min	115x10 ⁻³ NI/min	170x10 ⁻³ NI/min	320x10 ⁻³ NI/min	515x10 ⁻³ NI/min

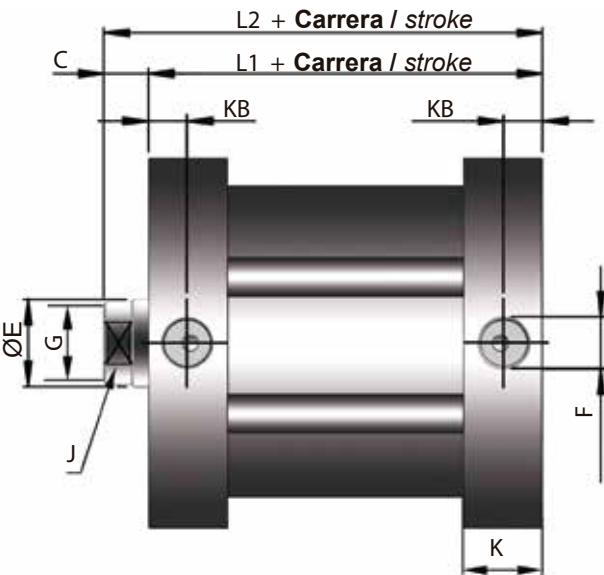
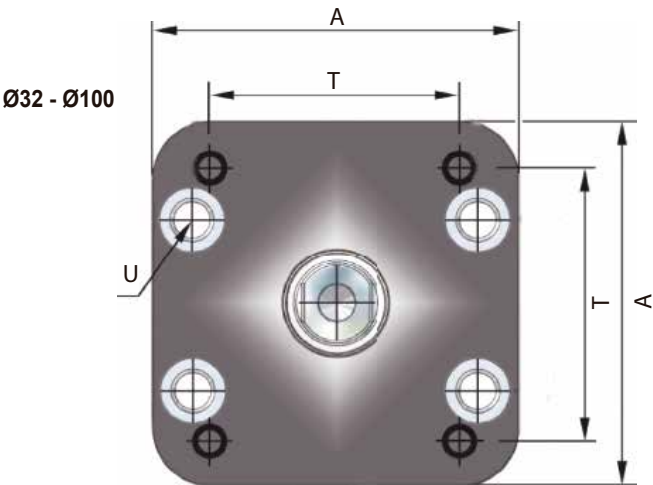
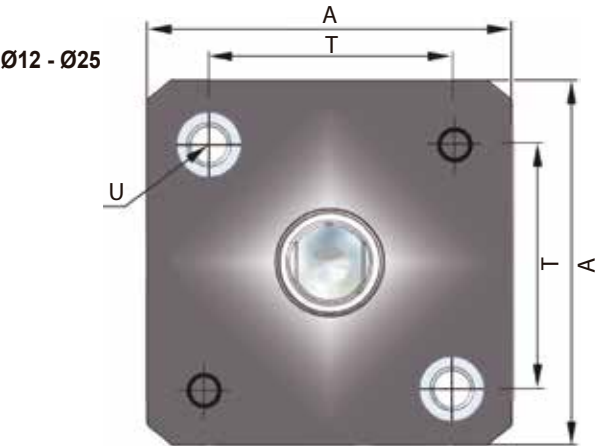
Carrera estándar

Standard stroke

Ø (mm)	Carrera / stroke																									Max. Carrera Max. Stroke
Ø12	5 10 15 20 25 30 35 40 45 50																									... 3000
Ø16	5 10 15 20 25 30 35 40 45 50 55 60 70 75																									
Ø20	5 10 15 20 25 30 35 40 45 50 55 60 70 75 80 90 100																									
Ø25	5 10 15 20 25 30 35 40 45 50 55 60 70 75 80 90 100 110 120 125 150																									
Ø32-40	5 10 15 20 25 30 35 40 45 50 55 60 70 75 80 90 100 110 120 125 150 160 175 200																									
Ø50-63	5 10 15 20 25 30 35 40 45 50 55 60 70 75 80 90 100 110 120 125 150 160 175 200 225 250																									
Ø80-100	5 10 15 20 25 30 35 40 45 50 55 60 70 75 80 90 100 110 120 125 150 160 175 200 225 250 275 300																									

■ Para otras carreras consultar dept. comercial/ For other stroke, ask our sales dept.

Doble Efecto Magnético rosca hembra
Double Acting Magnetic female thread



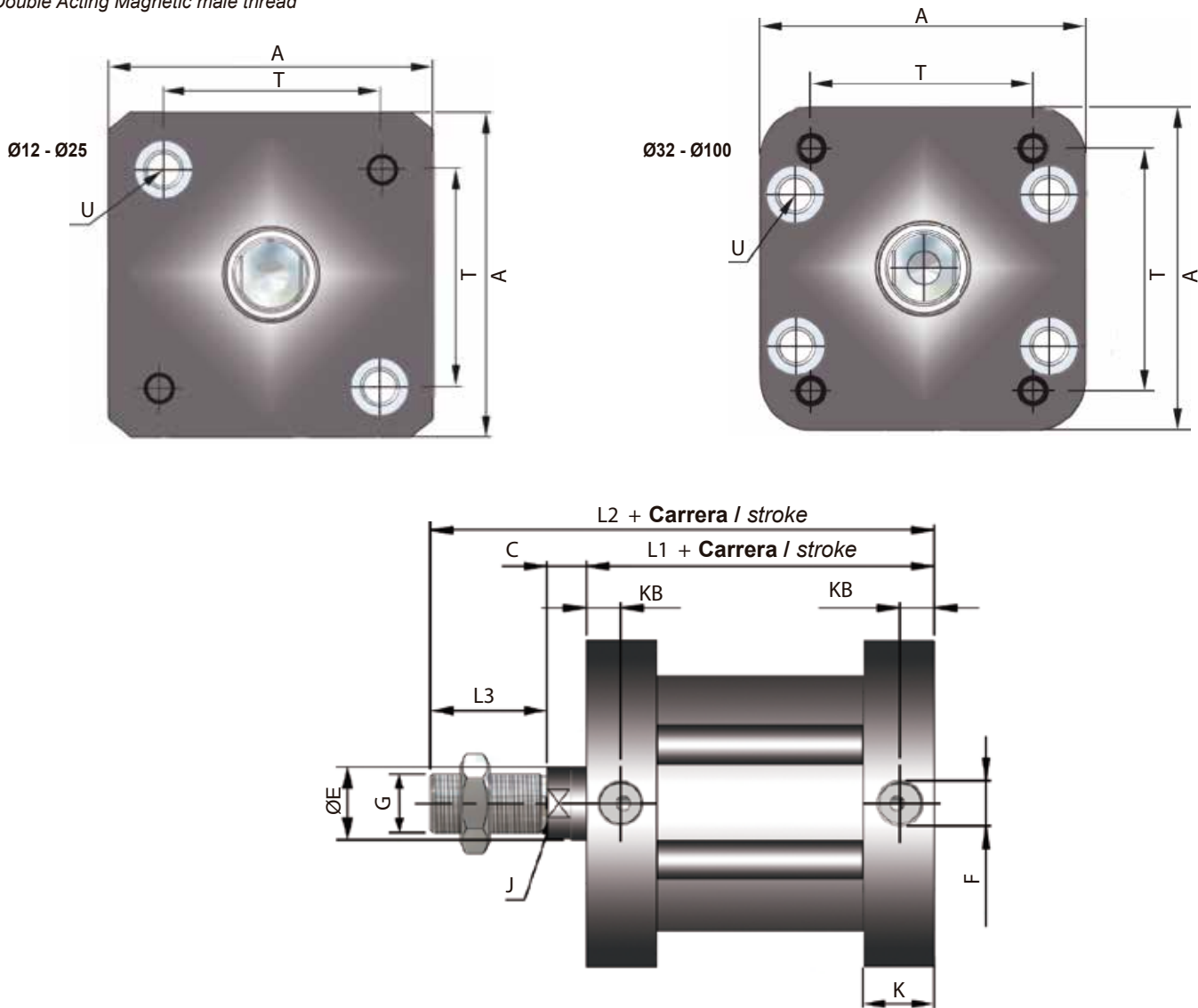
Ø	A	C	ØE	F	G	J	K	KB	L1	L2	T	U
12	27,5	5	6	M5	M3	5	10,5	6	35	40	16	M4
16	29	5	8	M5	M4	7	11	6	35	40	18	M4
20	35,5	6	10	M5	M6	8	12	6	37	43	22	M5
25	39,5	6	10	M5	M6	8	12	6	39	45	26	M5
32	47,5	5	12	G 1/8"	M8	10	15	7,5	45	50	32,5	M6
40	56,5	6	12	G 1/8"	M8	10	14,5	7,25	45	51	38	M6
50	66,5	8	16	G 1/8"	M10	14	14,5	7,25	45	53	46,5	M8
63	79,5	7	16	G 1/8"	M10	14	14,5	7,25	50	57	56,5	M8
80	100	8	20	G 1/8"	M12	17	16	9	55	63	50	M10
100	120	9	20	G 1/4"	M12	17	19,5	9,75	67	76	57	M10

Para otras versiones consultar dept. comercial / For other versions, please ask our sales dept.

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 ISO 21287 compact cylinder stainless steel



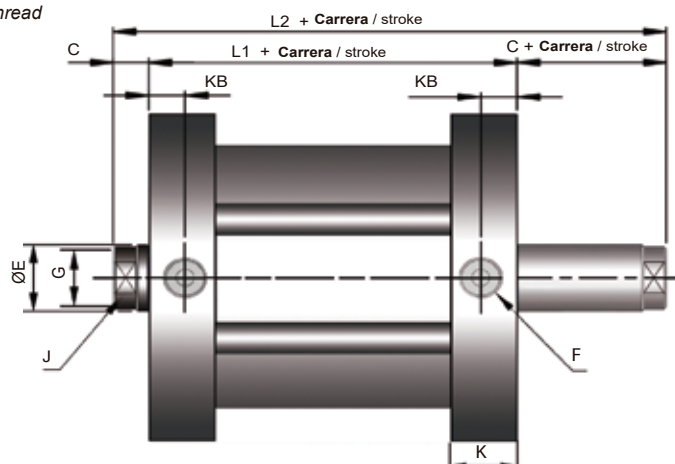
Doble Efecto Magnético rosca macho
 Double Acting Magnetic male thread



$\varnothing$	A	C	$\varnothing E$	F	G	J	K	KB	L1	L2	L3	T	U
12	27,5	5	6	M5	M5	5	12	6	35	50	10	16	M4
16	29	5	8	M5	M6	7	12	6	35	52	12	18	M4
20	35,5	6	10	M5	M8	8	12	6	37	59	16	22	M5
25	39,5	6	10	M5	M8	8	12	6	39	61	16	26	M5
32	47,5	5	12	G 1/8"	M10x1,25	10	15	7,5	45	69	19	32,5	M6
40	56,5	6	12	G 1/8"	M10x1,25	10	14,5	7,25	45	70	19	38	M6
50	66,5	8	16	G 1/8"	M12x1,25	14	14,5	7,25	45	75	22	46,5	M8
63	79,5	7	16	G 1/8"	M12x1,25	14	14,5	7,25	50	79	22	56,5	M8
80	100	8	20	G 1/8"	M16x1,5	17	16	9	55	91	28	50	M10
100	120	9	20	G 1/4"	M16x1,5	17	19,5	9,75	67	104	28	57	M10

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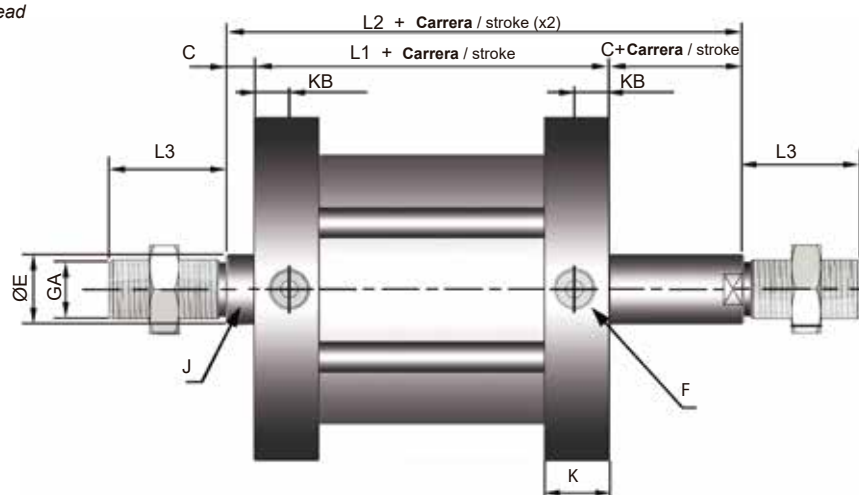
Doble efecto magnético vástago pasante con rosca hembra
Double acting magnetic, double rod female thread



Ø	C	ØE	F	G	J	K	KB	L1	L2
12	5	6	M5	M3	5	10,5	6	35	45
16	5	8	M5	M4	7	11	6	35	45
20	6	10	M5	M6	8	12	6	37	49
25	6	10	M5	M6	8	12	6	39	51
32	5	12	G 1/8"	M8	10	15	7,5	45	55
40	6	12	G 1/8"	M8	10	14,5	7,25	45	57
50	8	16	G 1/8"	M10	14	14,5	7,25	45	61
63	7	16	G 1/8"	M10	14	14,5	7,25	50	64
80	8	20	G 1/8"	M12	17	16	9	55	70
100	9	20	G 1/4"	M12	17	19,5	9,75	67	85



Doble efecto magnético vástago pasante con rosca macho
Double acting magnetic, double rod male thread



Ø	C	ØE	F	GA	J	K	KB	L1	L2	L3
12	5	6	M5	M5	5	12	6	35	45	10
16	5	8	M5	M6	7	12	6	35	45	12
20	6	10	M5	M8	8	12	6	37	49	16
25	6	10	M5	M8	8	12	6	39	51	16
32	5	12	G 1/8"	M10x1,25	10	15	7,5	45	55	19
40	6	12	G 1/8"	M10x1,25	10	14,5	7,25	45	57	19
50	8	16	G 1/8"	M12x1,25	14	14,5	7,25	45	61	22
63	7	16	G 1/8"	M12x1,25	14	14,5	7,25	50	64	22
80	8	20	G 1/8"	M16x1,5	17	16	9	55	70	28
100	9	20	G 1/4"	M16x1,5	17	19,5	9,75	67	85	28



□ Para otras versiones consultar dept. comercial / For other versions, please ask our sales dept.



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