



INDÚSTRIA AUTOMOTIVA

CATÁLOGO DE PRODUTOS 2025



BEM-VINDO À MZK ROLAMENTOS

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CONHEÇA NOSSA LINHA DE PRODUTOS



ATUADOR DE EMBREAGEM



EIXO DE EMBREAGEM



MANCAIS DE EMBREAGEM



JOGO DE TRAVA PLATÔ



GARFO DE EMBREAGEM



KITS PARA GARFOS DE EMBREAGEM



GARFO DE CÂMBIO

POLÍTICA DE QUALIDADE

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NOMECLATURA CATÁLOGO

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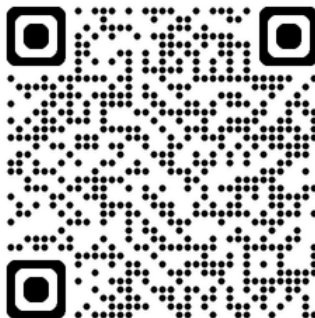
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ÍNDICE

TABELA DE EQUIVALÊNCIA

At A b		AN1	bA	3 3 A	t
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N1 s/					
N1 AN			bA		
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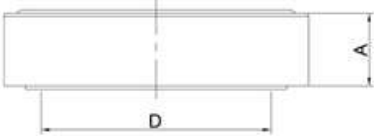
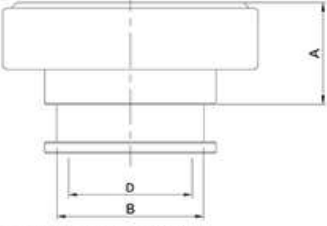
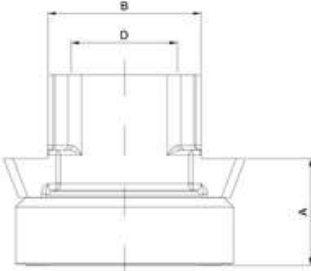
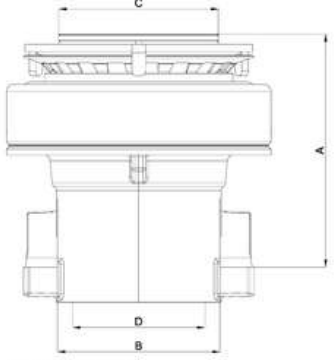
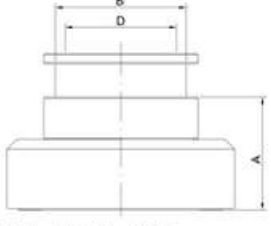
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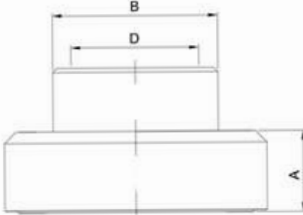
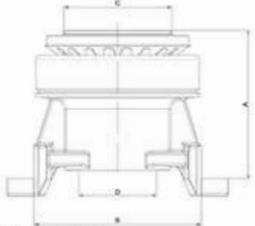
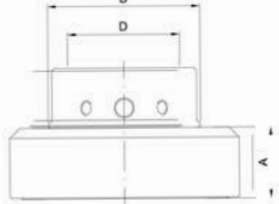
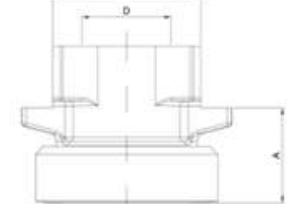
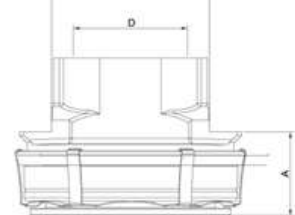
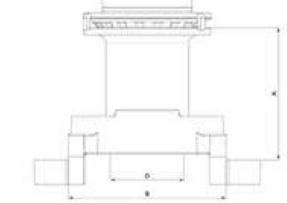
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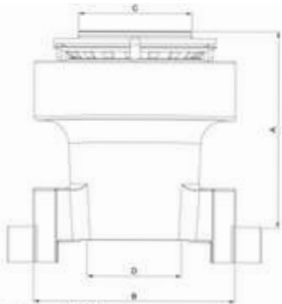
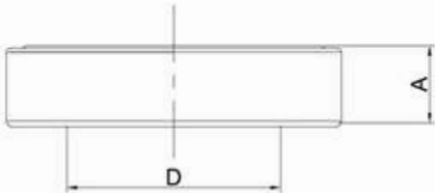
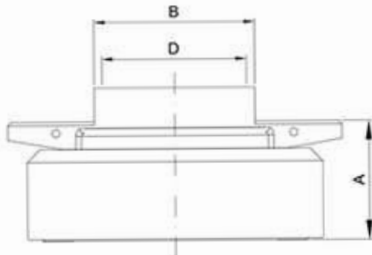
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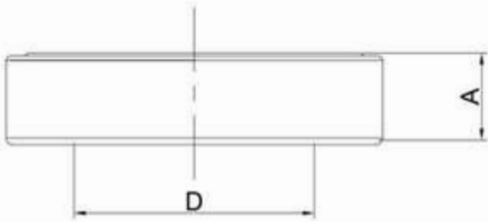
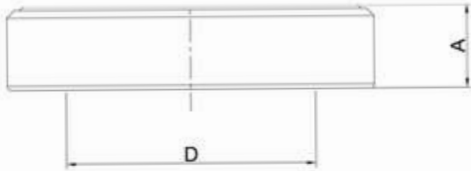
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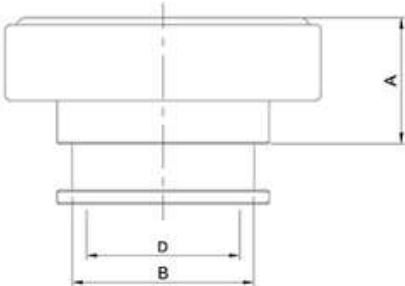
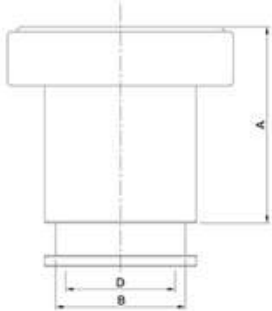
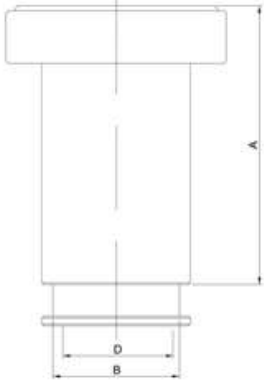
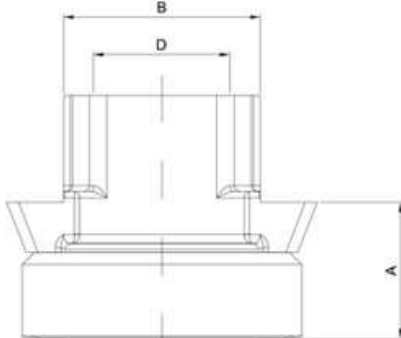
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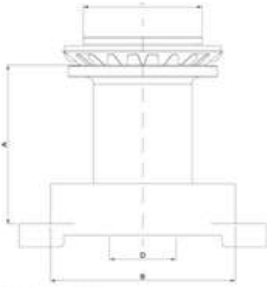
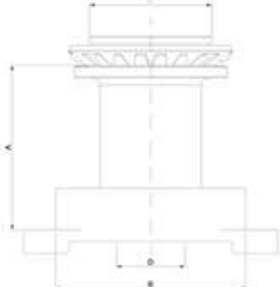
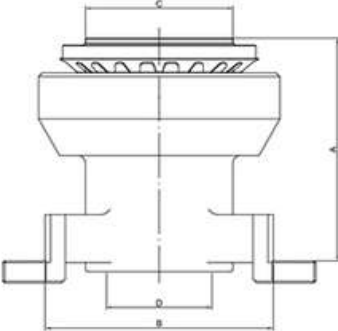
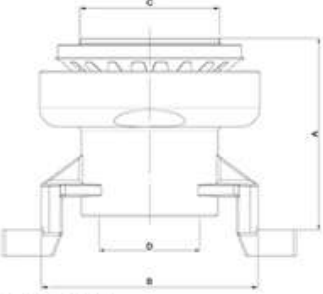
Ac A2S	OS S8k/ TJ8rd/	REFERÊNCIA/APLICAÇÃO
Jk AJ 	 A - Altura / Height (mm) 93,0 B - Largura para o garfo / Width Fork (mm) 71,0 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 70,0	O2 SA / 8 Ac A2S7 A 7 A 7 7 S / / O/) 8rh 8S/I 7 rDI r8 S 8A m8A2JA7 r8kG/ nO A A S / / O/ S7 I SAc S7 OS A A 2rdA O A
J 	 A - Altura / Height (mm) 22,0 D - Diâmetro Furo / Hole diameter (mm) 55,0	8 / O J O O O
J2 	 A - Altura / Height (mm) 36,70 B - Largura para o garfo / Width Fork (mm) 52,80 D - Diâmetro Furo / Hole diameter (mm) 44,60	AJk 8 / OJ SA / 8 A 2A) S7 SAc S7 OS S7 A b b b A S b b b b b b b A S 7 7 7 O b/ O 7 7 b/ O b b 7 A m8 S 0r8 7 7 b b b b b b/ O JA c/ S A
Jk bz 	 A - Altura / Height (mm) 45,0 B - Largura para o garfo / Width Fork (mm) 64,80 D - Diâmetro Furo / Hole diameter (mm) 44,80	AJk SA / 8 / AA b/ O S b/ O JA c/ S J 7 7 r8 ml S / A8 7 m G/ SA / 8 b OA 2rdAO/ 8/ 2A) AJk 2A) S7 I SAc S7 S7 A
8 / / Jk AJ 	 A - Altura / Height (mm) 105,0 B - Largura para o garfo / Width Fork (mm) 71,0 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 70,0 D - Diâmetro Furo / Hole diameter (mm) 57,5	SA / 8 Ac A2S S / A Ac A2S S / A Ac A2S S / A
Jk 	 A - Altura / Height (mm) 45,50 B - Largura para o garfo / Width Fork (mm) 52,80 D - Diâmetro Furo / Hole diameter (mm) 44,60	8 / O2 S7 I SAc S7 k rDI Á 2rdA 7 7 S7 A JA7 r8kG/ O O O O 2A) AJk

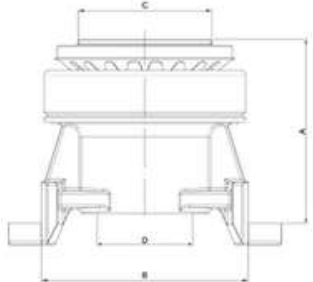
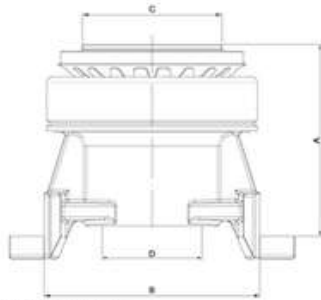
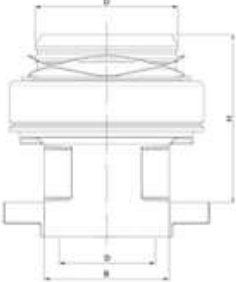
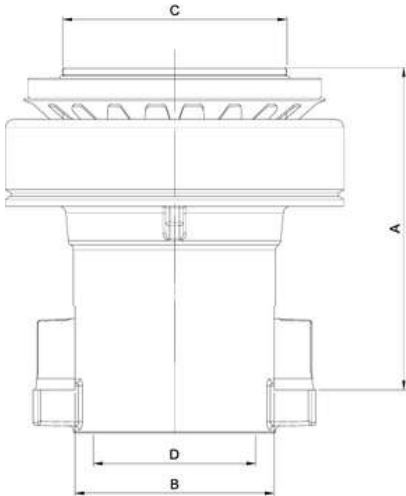
Aa A1Ô	MÔ Ô7k/ ÔH7H/	ÔÔ R7HrA A 1rHAKÊ/
Hk Xx 	 A - Altura / Height (mm) 28,7 B - Largura para o garfo / Width Fork (mm) 57,9 D - Diâmetro Furo / Hole diameter (mm) 44,80	AHk 7 / MI ÔA / 7 1A) HA6 rñkÊ/ Ô / 7rH 6 rH / 7rH HkA m Ô / 7rH Ô Ô Ô / 7rH 6 A Ô / 7rH / 1A Ô Ô Ô) 7rH/ A AaA X/ / 1Ô AM/
Hk AH 	 A - Altura / Height (mm) 112,0 B - Largura para o garfo / Width Fork (mm) 124,0 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 80,0 D - Diâmetro Furo / Hole diameter (mm) 57,50	AHk 7 / MI AH 1A) HB6 Gr H 6 / rñA A A / HÔ A7 ÔÔ G ÔA Ô Ô MÔ A HA6 rñkÊ/ HkA n6 1ÔÔ / 7rH H 66 rñ HkA n6 GÔ / 7rH H 66 rñ rñ Ô AH H A () HkA n6 A Ô / 7rH H 66 rñ rñ Ô AH Ô H A () HkA n7A Ô / mA Ô A 1rHAM/ z m z A
Hk Xx 	 A - Altura / Height (mm) 28,70 B - Largura para o garfo / Width Fork (mm) 62,0 D - Diâmetro Furo / Hole diameter (mm) 44,60	AHk 7 / MI ÔA / 7 6 A H/ / 1/ / 1A Ô6 rH / G A A X a/ A7 ÔA HA6 rñk Ô Ô rñ M 6 6 HA 6 6 HAÔ6 / / Ô 6 ÔHB7rH/ Ô ÔÔ rH/ 6 A7HA1 H/ 6 1Ô/ Ô Ô G ÔA Ô Ô Ô Ô A 6 6 ÔH 6 6 G/ 6 6 HA HkA n6 A Ô / 7rH 6 6 AH Ô/ 7 HAÔ H rñ
Hk Xx 	 A - Altura / Height (mm) 48,0 B - Largura para o garfo / Width Fork (mm) 74,80 D - Diâmetro Furo / Hole diameter (mm) 44,80	AHk MI Aa A1Ô
Hk AH 	 A - Altura / Height (mm) 40,0 B - Largura para o garfo / Width Fork (mm) 74,80 D - Diâmetro Furo / Hole diameter (mm) 44,90	AHk ÔA / 7 Aa A1Ô 6 A 6 A / 1A Ô 1 HA6 rñkÊ/ 6 / / 6 6 6 A rñ/ HÔ H / 1A Ô A 1rHAM/ 7/ 1A) AHk Ô Ô A
Hk 6 	 A - Altura / Height (mm) 103,50 B - Largura para o garfo / Width Fork (mm) 123,80 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 70,0 D - Diâmetro Furo / Hole diameter (mm) 44,5	ÔA / 7 HA6 rñkÊ/ 6 A / 7rH 6 A Ô / 6 A

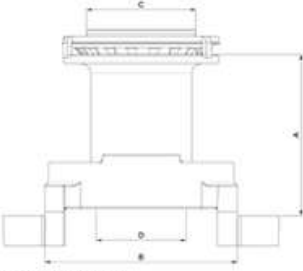
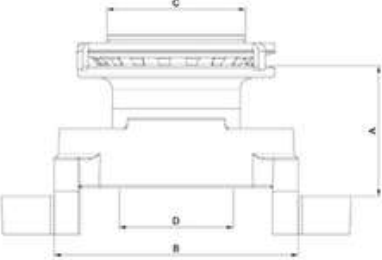
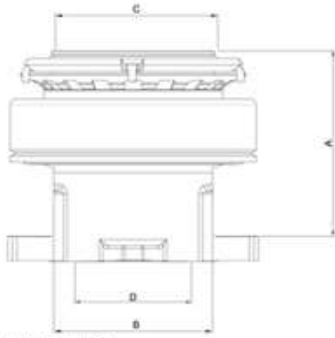
Ae A5R	NR R. m SI . d	RcR U. I dA A 5d AL F
Im 	 A - Altura / Height (mm) 121,0 B - Largura para o garfo / Width Fork (mm) 123,80 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 70,0 D - Diâmetro Furo / Hole diameter (mm) 57,5	RA . A , A A R N A , A , . , I ARR AS 5A
I H	NR R. m SI . d	RcR U. I dA A 5d AL F
Im Al 	 A - Altura / Height (mm) 93,0 B - Largura para o garfo / Width Fork (mm) 71,0 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 70,0 D - Diâmetro Furo / Hole diameter (mm) 57,5	N5 RA . Ae A5R, A , A , , R N . dH . R H , dH o R . A o . A5I A, o nF o NA A R N R, H RAe R, NR A A 5d A3 A
Im 5R	NR R. m SI . d	RcR U. I dA A 5d AL F
I 	 D - Diâmetro Furo / Hole diameter (mm) 52,40 A - Altura / Height (mm) 20,0	Al m . N A5 cAe N NeRNA ImA eR e A. Re A, , Ae. .
Im c2	NR R. m SI . d	RcR U. I dA A 5d AL F
Im c2 	 A - Altura / Height (mm) 36,50 B - Largura para o garfo / Width Fork (mm) 49,80 D - Diâmetro Furo / Hole diameter (mm) 44,50	Al m . N5 RA . N NeR R A N R, H RAe R, NR R, A

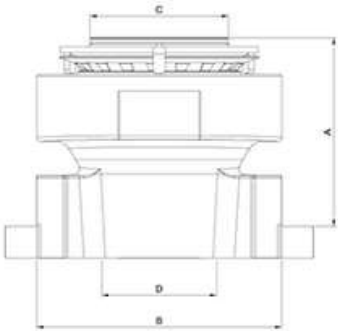
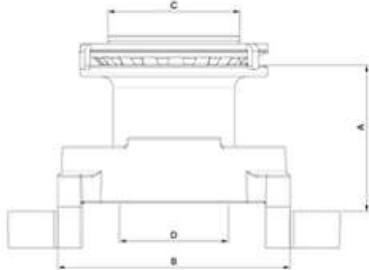
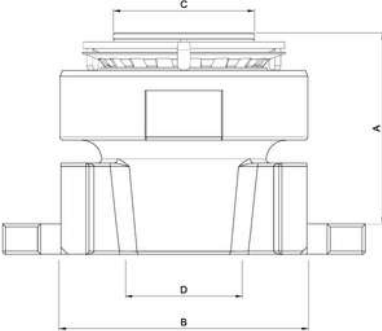
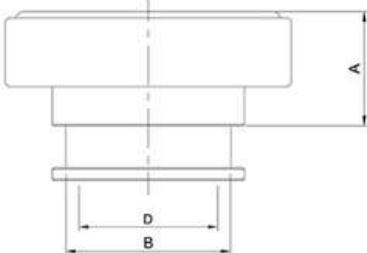
e O	OS S/o TI /d	SeS V/I sA A 7d AMF
I 	 D - Diâmetro Furo / Hole diameter (mm) 52,40 A - Altura / Height (mm) 20,0	Al o / O A7 eAk O Ok SOA I oA k S k A/ Sk A; ; Ak / /
I 	 D - Diâmetro Furo / Hole diameter (mm) 63,50 A - Altura / Height (mm) 22,0	/ O s/A e eAk e
I o Al 	 A - Altura / Height (mm) 93,0 B - Largura para o garfo / Width Fork (mm) 71,0 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 70,0 D - Diâmetro Furo / Hole diameter (mm) 57,5	Al o SA / SA / S Ho HA Ak A7S; A ; A ; ; S O /sH /S H ; sOH s/ S / A s / A7I A; s/oF s O A A S O S; H SAK S; OS A A 7d A 5 A
I o Al 	 A - Altura / Height (mm) 122,0 B - Largura para o garfo / Width Fork (mm) 71,0 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 70,0 D - Diâmetro Furo / Hole diameter (mm) 57,5	Al o SA / e A Al / e OIA k S S S ; I ; ; s/ I I ; ; s/ I A; s/oA S O ; I ; ; s/ I 7A 7 5 S; H SAK S; OS A

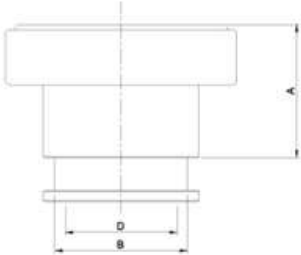
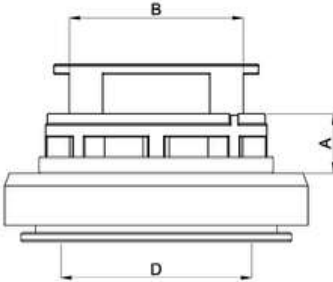
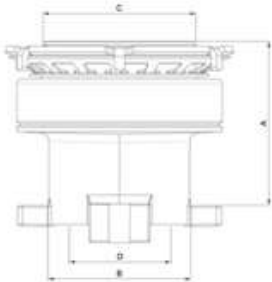
a) M	MP P, I) RH, rH)	PaP T, HrA A 4rHAKÊ)
H4 	 A - Altura / Height (mm) 36,70 B - Largura para o garfo / Width Fork (mm) 52,80 D - Diâmetro Furo / Hole diameter (mm) 44,60	AHI ,) MH PA) , A 4A P9 G PAbP9 MP P9 A a a a A R a a a a a A R 9 9 9 M a) M 9 9 a) M a a 9 A r) , P 2η 9 9 a a a a a HA b) P A
H4 	 A - Altura / Height (mm) 80,0 B - Largura para o garfo / Width Fork (mm) 52,80 D - Diâmetro Furo / Hole diameter (mm) 44,60	AHI ,) MH 2 H AA 4A P9 G PAbP9 P9 A a G MP P4 9 9 H 9 9 η A HA b) H 9 9 η G AA H 9 PHB, rH)
H4 	 A - Altura / Height (mm) 115,60 B - Largura para o garfo / Width Fork (mm) 52,80 D - Diâmetro Furo / Hole diameter mm 44 60	AHI ,) MH PA) , 4 4A P9 G PAbP9 P9 A a a I M 9)) 9 9 a I M
H1 a1 	 A - Altura / Height (mm) 45,0 B - Largura para o garfo / Width Fork (mm) 64,80 D - Diâmetro Furo / Hole diameter (mm) 44,80	AHI PA) , AA) a) M P a) M HA b) P H 9 9 η n G P) A, 9 n A) PA) , a M A 4rHAM) 4A) AHI 4A) P9 G PAbP9 MP P9 A

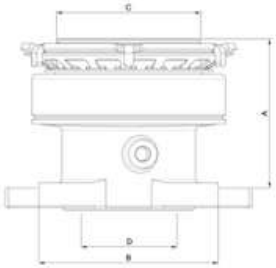
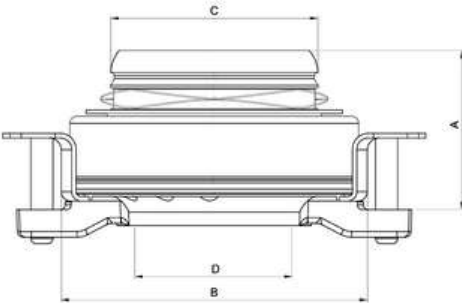
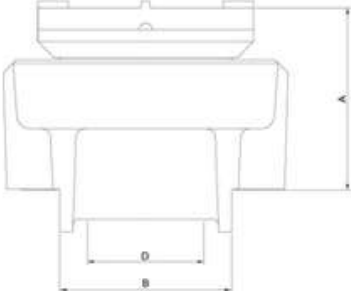
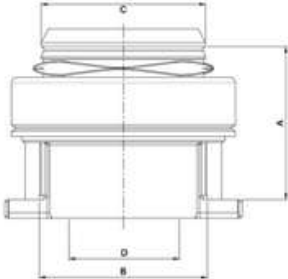
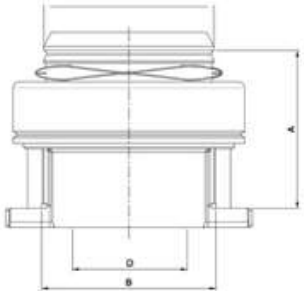
b N	NR R. m SH. dH	RbR U. HcA A 5dHAL Ê
Hm , 	 A - Altura / Height (mm) 100,0 B - Largura para o garfo / Width Fork (mm) 124,0 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 80,0 D - Diâmetro Furo / Hole diameter (mm) 44,50	AHm . N5 m A 5A R HB, Go R, , o c A R, G RAc R, NR A HA c H H H H . G G
Hm , 	 A - Altura / Height (mm) 107,0 B - Largura para o garfo / Width Fork (mm) 124,0 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 80,0 D - Diâmetro Furo / Hole diameter (mm) 44,50	AHm . N5 R m AA HA c H H H H H A o AN A 5dHAN HA, Go R, , o c A 5A R, G RAc R, NR A
Hm 	 A - Altura / Height (mm) 119,30 B - Largura para o garfo / Width Fork (mm) 124,0 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 80,0 D - Diâmetro Furo / Hole diameter (mm) 57,50	. N5 H Gc AA 5 3 5A 5 3 H , , o c A R, G RAc R, NR A . G HA c G HA c G HA c G HA c G
Hm , 	 A - Altura / Height (mm) 112,0 B - Largura para o garfo / Width Fork (mm) 124,0 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 80,0 D - Diâmetro Furo / Hole diameter (mm) 57,50	AHm . N5 , RA . A Gb A A 5A R R, G RAc R, NR A HA, o m R R . G AHq A NR H HA, Go R, , o c A R HR 5o mA H . R55A o . , A . b b b . G G G

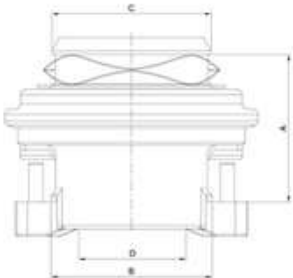
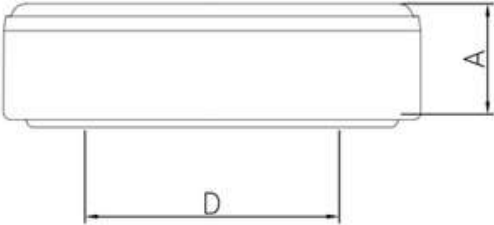
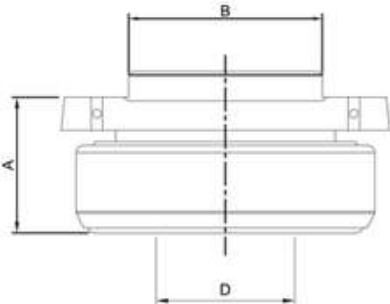
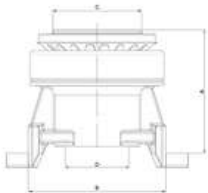
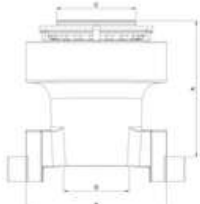
k O	OT T) r U) tl	TkT Wl tA A 8tl AMF
l r Al 	 A - Altura / Height (mm) 112,0 B - Largura para o garfo / Width Fork (mm) 124,0 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 80,0 D - Diâmetro Furo / Hole diameter (mm) 57,50	Al r) O8 Al Hk A A 8A T T(H TAI T(OT A l A(t) r T T) tH Al t(A OT l l A(Ht l ((t) l A l At A TA) T T T T T) tH A T 8A Al r 8 6
l r 	 A - Altura / Height (mm) 112,0 B - Largura para o garfo / Width Fork (mm) 124,0 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 80,0 D - Diâmetro Furo / Hole diameter (mm) 44,50	Al r) O8 H Hk A A 8A T T(H TAI T(OT A l A(t) r T T) tH Al t(A OT l l A(Ht l ((t) l A l At A TA) T T T T T) tH A T 8A Al r 8 6
l r Al 	 A - Altura / Height (mm) 104,50 B - Largura para o garfo / Width Fork (mm) 77,80 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 90,0 D - Diâmetro Furo / Hole diameter (mm) 63,50	Al r T TA) k O Al AH Al 8 H 8A T T) l A T A tO T(H TAI T(OT A) k O l A l (l ((t) t l t 8 t l O l At A k 88 k 88
l r Al 	 A - Altura / Height (mm) 112,0 B - Largura para o garfo / Width Fork (mm) 71,0 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 80,0 D - Diâmetro Furo / Hole diameter (mm) 57,5	Al r T TA) k O Al AH Al 8 H Al r T TA) k O Al AH Al 8 H 8A T T) l A T A tO T(H TAI T(OT A) k O l A l (l ((t) t l t 8 t l O l At A k 88 k 88

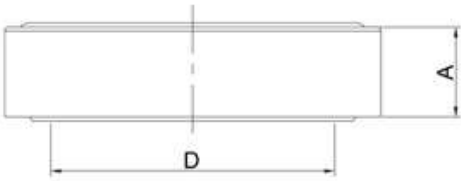
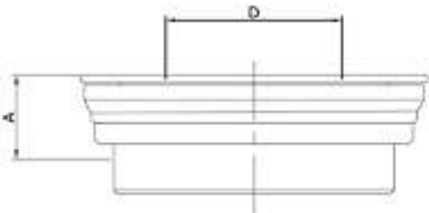
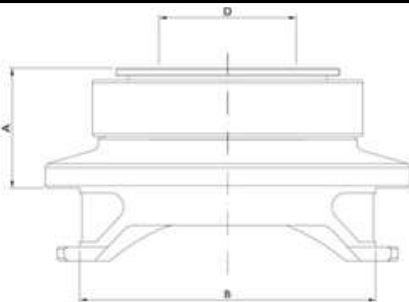
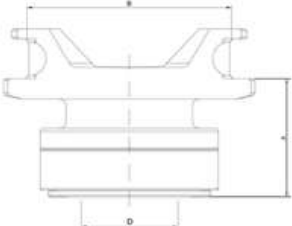
e N	NR R(o SH(sH	ReR U(HsA A 7sHAL Ê
Ho / 	 A - Altura / Height (mm) 103,50 B - Largura para o garfo / Width Fork (mm) 123,80 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 70,0 D - Diâmetro Furo / Hole diameter (mm) 44,5	RA (7A RA (// HB/ Gs R/ / s k A R/ G RAk R/ NR A HA k e e e A S 4 7o (sG
Ho 	 A - Altura / Height (mm) 121,0 B - Largura para o garfo / Width Fork (mm) 123,80 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 70,0 D - Diâmetro Furo / Hole diameter (mm) 57,5	RA (7A RA (// HB/ Gs R/ / s k A R/ G RAk R/ NR A HA k e e e A S 4 7o (sG
Ho / 	 A - Altura / Height (mm) 66,0 B - Largura para o garfo / Width Fork (mm) 123,80 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 70,0 D - Diâmetro Furo / Hole diameter (mm) 44,5	RA (7A HB/ Gs R/ / s k A R/ G RAk R/ NR A R/ G RAk R/ N 7A GsNs H HA k / A (
Ho AH 	 A - Altura / Height (mm) 90,0 B - Largura para o garfo / Width Fork (mm) 78,0 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 80,0 D - Diâmetro Furo / Hole diameter (mm) 57,50	RA (7A R/ G RAk R/ NR A HAG(A (e N HA k R R R/ G RAk R/ RA (

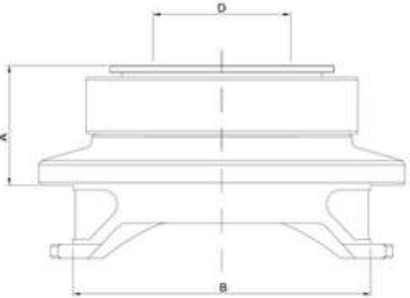
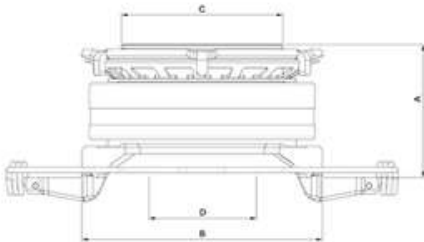
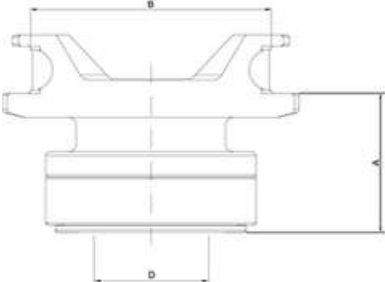
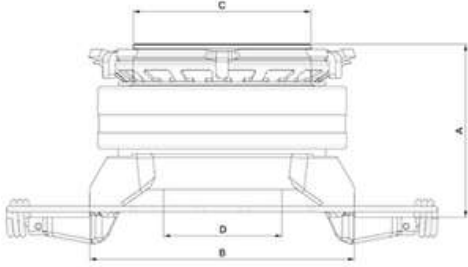
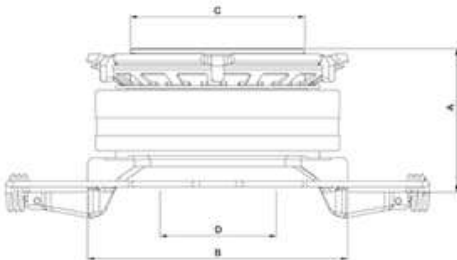
b M	MP P. m GG. αG	PbP S. Gα A 5αGAKÉ
Gm AG 	 A - Altura / Height (mm) 95,50 B - Largura para o garfo / Width Fork (mm) 123,80 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 70,0 D - Diâmetro Furo / Hole diameter (mm) 57,5	PA . 5A PA . GÃ, Fo G , , o c A P, F PAc P, MP A GA c P
Gm , 	 A - Altura / Height (mm) 78,0 B - Largura para o garfo / Width Fork (mm) 123,80 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 70,0 D - Diâmetro Furo / Hole diameter (mm) 44,5	PA . 5A PA . GÃ, Fo P, , o c A P, F PAc P, MP A GA c , A o .
Gm 	 A - Altura / Height (mm) 96,0 B - Largura para o garfo / Width Fork (mm) 123,0 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 70,0 D - Diâmetro Furo / Hole diameter (mm) 57,5	b MGA c mđ 3 5P G , , o o F P A A o G mđ 3 5P P, F PAc P, P, F PAc P, PA . A 5αG. o P, F PAc P, A , Á αG
c ,	MP P. m GG. αG	PbP S. Gα A 5αGAKÉ
G5 	 A - Altura / Height (mm) 36,70 B - Largura para o garfo / Width Fork (mm) 52,80 D - Diâmetro Furo / Hole diameter (mm) 44,60	AGm . MG PA . 5A AGm P, F PAc P, MPP, A c , , A o . F

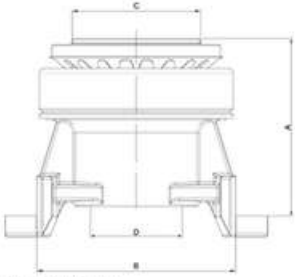
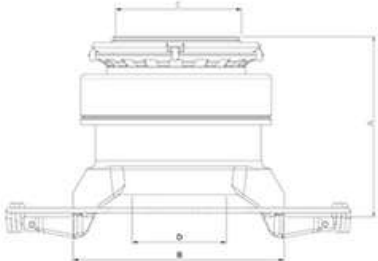
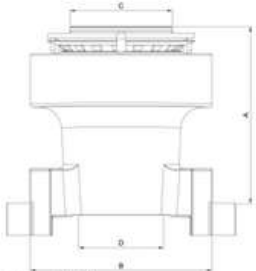
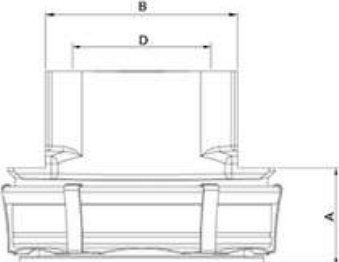
k /	OR R o SI d	ReR U I sA A 7d AMF
17 	 A - Altura / Height (mm) 53,0 B - Largura para o garfo / Width Fork (mm) 52,80 D - Diâmetro Furo / Hole diameter (mm) 44,60	O I // O OR s A R/ H RAk R/ A
17 	 A - Altura / Height (mm) 36,70 B - Largura para o garfo / Width Fork (mm) 52,80 D - Diâmetro Furo / Hole diameter (mm) 44,60	Al o 7A ORR/ H RAk R/ OR A
I A sA	OR R o SI d	ReR U I sA A 7d AMF
1 	 A - Altura / Height (mm) 25,0 D - Diâmetro Furo / Hole diameter (mm) 69,85	O e Ak A H H H H H H 5 5 7 7 7 7
1 o / 	 A - Altura / Height (mm) 95,50 B - Largura para o garfo / Width Fork (mm) 85,50 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 90,0 D - Diâmetro Furo / Hole diameter (mm) 60,80	Al o O7 7A Al o R/ H RAk R/ OR A / A I oA I A/s o R R sH 5 O I O I S sR O I

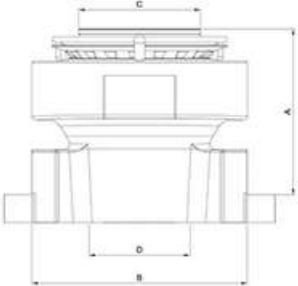
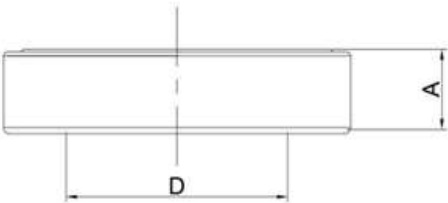
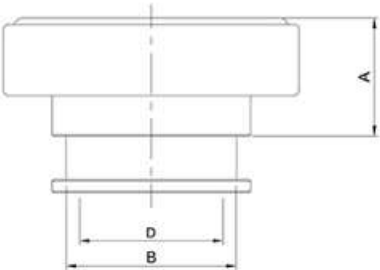
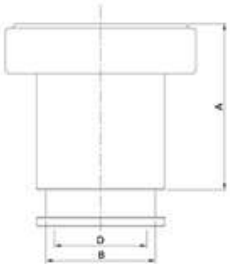
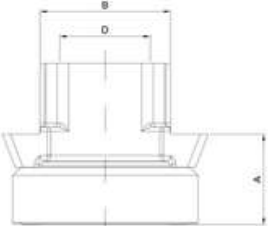
I A) tA	OT T) r U) tl	TkT Wl i tA A 8tl AMF
l r Al 	 A - Altura / Height (mm) 92,0 B - Largura para o garfo / Width Fork (mm) 116,50 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 90,0 D - Diâmetro Furo / Hole diameter (mm) 60,80	Al r) O8 TA) 8A TA) Al r T(H TAI T(OT A (A l r A l A(t) r F A l T) t l A(t) r F r r) tH A 8tl A 6t 6 A
l r Al 	 A - Altura / Height (mm) 68,0 B - Largura para o garfo / Width Fork (mm) 129,50 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 90,0 D - Diâmetro Furo / Hole diameter (mm) 63,20	Al r l A(t) r T l A) tA T l l A) tA) l l T(OtA) T Tk 6t T(H TAI T(t t) A8 Al r
RCH 5372 	 A - Altura / Height (mm) 84,0 B - Largura para o garfo / Width Fork (mm) 79,8 D - Diâmetro Furo / Hole diameter (mm) 60,0	Al r T) O8 8A Al r A8T T(H TAI T(OT T(A O l O 6 O l (A l r A O 8 O l (A l r O 6 6 H O O
l r Al 	 A - Altura / Height (mm) 82,50 B - Largura para o garfo / Width Fork (mm) 90,50 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 90,0 D - Diâmetro Furo / Hole diameter (mm) 63,20	Al r) O8 TA) 8A TA) Al r T A8T T) l A T A tO T(H TAI T(OT A tH 6 6 8 6 6 6 6 6 l
l r Al 	 A - Altura / Height (mm) 92,50 B - Largura para o garfo / Width Fork (mm) 90,50 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 90,0 D - Diâmetro Furo / Hole diameter (mm) 60,80	) tH l A) tA r H k t T(A A8T A8T HA) T O tã t () OtA) Tt (A) A8

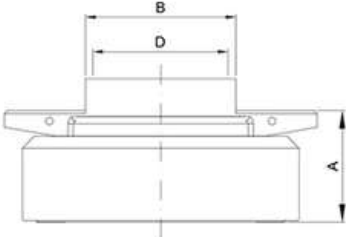
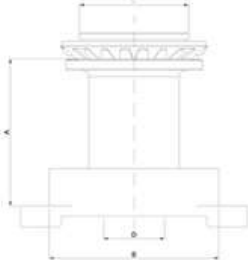
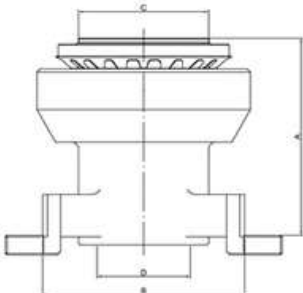
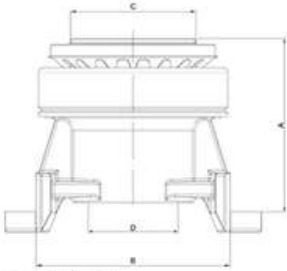
I A9rA	NÕ Ö9k PI 9rh	ÖYÖ S9I rA A 3rhALF
I k AI 	 A - Altura / Height (mm) 79,50 B - Largura para o garfo / Width Fork (mm) 91,0 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 90,0 D - Diâmetro Furo / Hole diameter (mm) 63,20	A3Ö I A9rA I A8 rAkF I A9rA αÖ ALF m Ö8 A A3Ö 9rh 1 1 1 I A8 rAk Ö A 3rhA1m1 A
A	NÕ Ö9k PI 9rh	ÖYÖ S9I rA A 3rhALF
I 	 A - Altura / Height (mm) 21,80 D - Diâmetro Furo / Hole diameter (mm) 50,0	9 N 1I Y Aα A HA9NÖmA9 Ö A
I 3 	 A - Altura / Height (mm) 36,9 B - Largura para o garfo / Width Fork (mm) 52,8 D - Diâmetro Furo / Hole diameter (mm) 38,0	9 N3 3A8 Ö9 I 8 8 A9I A3 A HA9NÖmA A Ö8 H ÖAα Ö8 NÖÖ8 A
α8	NÕ Ö9k PI 9rh	ÖYÖ S9I rA A 3rhALF
I k AI 	 A - Altura / Height (mm) 112,0 B - Largura para o garfo / Width Fork (mm) 124,0 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 80,0 D - Diâmetro Furo / Hole diameter (mm) 57,50	AI k 9 N3 AI 3A I 8 8 rAkA Ö8 H ÖAα Ö8 NÖ A α8 I A Ö r83A I AmA Y A A Ö
I k 	 A - Altura / Height (mm) 121,0 B - Largura para o garfo / Width Fork (mm) 123,80 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 70,0 D - Diâmetro Furo / Hole diameter (mm) 57,5	ÖA 9 3A ÖA 9 Ö8 H ÖAα Ö8 NÖ A α8I 0 3k

A4 A	NÕ Ñ I PH, rH	ÕÕ S, HrA A 4rHAL Ê
H 	 A - Altura / Height (mm) 22,0 D - Diâmetro Furo / Hole diameter (mm) 55,0	N A Õ Ga A4 A H H G
HI 	 A - Altura / Height (mm) 23,0 D - Diâmetro Furo / Hole diameter (mm) 62,0	N4 4A AHI A4 A H H G HAÕÕñ G G9
4	NÕ Ñ I PH, rH	ÕÕ S, HrA A 4rHAL Ê
HI AH 	 A - Altura / Height (mm) 84,30 B - Largura para o garfo / Width Fork (mm) 134,0 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 90,0 D - Diâmetro Furo / Hole diameter (mm) 58,50	AHI Õ N4 4A Õ G ÕAb Õ NÕ A G H bH G G HA G 9 I N 2HA G 9 I N 9H, 4
HI 	 A - Altura / Height (mm) 51,0 B - Largura para o garfo / Width Fork (mm) 125,80 D - Diâmetro Furo / Hole diameter (mm) 66,10	AHI N4 4A Õ Õ G ÕAb Õ N 4A NÕÕ9 A, I N b H A , N Õ A P G N rÁ n N G a a a a Õa HA9ñ I Õ αG b, N N N
HI 	 A - Altura / Height (mm) 72,50 B - Largura para o garfo / Width Fork (mm) 125,80 D - Diâmetro Furo / Hole diameter (mm) 58,20	AHI N4 4A Õ G ÕAb Õ NÕ Õ9 A G 9 I N ÕH H N , rG GA, A G A

) 2)	L Ó Óe) Ô8IH)	ÓÓ R8HIA A 2HAJÊ)
He 	 A - Altura / Height (mm) 54,50 B - Largura para o garfo / Width Fork (mm) 125,80 D - Diâmetro Furo / Hole diameter (mm) 58,20	AHe 8) L2 2A Ó G ÓAZ Ó L 2A G LI H) L ÓÓ A G 7 8IG) L) IÁ I) A eL OH A Ô
He AH 	 A - Altura / Height (mm) 74,30 B - Largura para o garfo / Width Fork (mm) 133,80 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 90,0 D - Diâmetro Furo / Hole diameter (mm) 66,80	AHe Ó 8) L2 2A Ó Ó G ÓAZ Ó L 2A G LI H) A 82 8 Xe Z2) GÓ) Ó L A A Ô 82 IZ rh) A - L L HA7 I8eÊ) Xe X7 8e X7 X7
He Xz 	 A - Altura / Height (mm) 72,50 B - Largura para o garfo / Width Fork (mm) 125,80 D - Diâmetro Furo / Hole diameter (mm) 66,10	AHe 8) L2 2A Ó G ÓAZ Ó L Ó Ó A 8 HA7 I8eÊ) 8e L Z H A
He AH 	 A - Altura / Height (mm) 87,30 B - Largura para o garfo / Width Fork (mm) 133,80 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 90,0 D - Diâmetro Furo / Hole diameter (mm) 66,80	AHe 8) L2 ÓA) 8 2A Ó G ÓAZ Ó I7 2Ó L Ó A Xe) L) Xe X7 8e Ó Z2) GÓ) Ó A Ô L L G G G Ó) LI IÁ I) A Ô HAI A X8e A -
He Xz 	 A - Altura / Height (mm) 77,0 B - Largura para o garfo / Width Fork (mm) 133,80 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 90,0 D - Diâmetro Furo / Hole diameter (mm) 58,50	AHe 8) L2 HAI A HA7 GI) X 2A) Ó G ÓAZ Ó L Ó A 77 G G G G GÓG 7 G 7)) L Ó G) L) X

4	NP P, I RH, rH	PaP T, HrA A 4rHAL Ê
HI AH 	 A - Altura / Height (mm) 112,0 B - Largura para o garfo / Width Fork (mm) 124,0 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 80,0 D - Diâmetro Furo / Hole diameter (mm) 57,50	AHI , N4 AH 4A P HA9 Gn H 9 9 η b A P9 G PAb P9 NP A 9 9 9 9 N 9 HA9 Gn PA , α H 9 HA9 Gn PA , α G 9
HI AH 	 A - Altura / Height (mm) 111,50 B - Largura para o garfo / Width Fork (mm) 133,80 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 90,0 D - Diâmetro Furo / Hole diameter (mm) 66,80	AHI , N4 PA , 4A PA , AHI HAn A NP HB9 Gn 4 P9 G PAb P9 NP A d P b 4 GP P A R , l P A Á α
HI AH 	 A - Altura / Height (mm) 114,40 B - Largura para o garfo / Width Fork (mm) 133,80 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 80,0 D - Diâmetro Furo / Hole diameter (mm) 66,60	, N4 PA , 4A P9 G PAb P9 NP A 9 N
HI 	 A - Altura / Height (mm) 121,0 B - Largura para o garfo / Width Fork (mm) 123,80 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 70,0 D - Diâmetro Furo / Hole diameter (mm) 57,5	PA , 4A HA9 Gn H 9 9 η b A P9 G PAb P9 NP A 9 H 9 H 9 9 9 9
HI AH 	 A - Altura / Height (mm) 37,0 B - Largura para o garfo / Width Fork (mm) 74,80 D - Diâmetro Furo / Hole diameter (mm) 57,50	PA , 2 4A AHI P9 G PAb P9 NP P9 A , rG HB9 Gn α A G A , rH 9 PHA, rH P N A A n NP

' 3 '	MÔ ÔP k' PH9 rH'	ÔZÔ S9 H rA A 3 rHAKÊ'
Hk 	 A - Altura / Height (mm) 95,50 B - Largura para o garfo / Width Fork (mm) 123,80 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 70,0 D - Diâmetro Furo / Hole diameter (mm) 57,5	ÔA ' 9 3A 8 8 HB8 G h H 8' rH a A 8
' 31 Aa ÔP	MÔ ÔP k' PH9 rH'	ÔZÔ S9 H rA A 3 rHAKÊ'
H 	 D - Diâmetro Furo / Hole diameter (mm) 52,40 A - Altura / Height (mm) 20,0	AHk 9 ' M ZAa
H3 	 A - Altura / Height (mm) 36,70 B - Largura para o garfo / Width Fork (mm) 52,80 D - Diâmetro Furo / Hole diameter (mm) 44,60	AHk 9 ' MH ÔA ' 9 A Ôa 3A ÔB G ÔAa ÔB MÔ A 8 8 9A k 8 8 HA 3 8 rH ' 9 rG ' M8 8
H3 	 A - Altura / Height (mm) 80,0 B - Largura para o garfo / Width Fork (mm) 52,80 D - Diâmetro Furo / Hole diameter (mm) 44,60	1 M3 AHk 3A 8 8 Ô M Ô MH 8 8 rH rH Ô AH A
Hk ZO 	 A - Altura / Height (mm) 45,0 B - Largura para o garfo / Width Fork (mm) 64,80 D - Diâmetro Furo / Hole diameter (mm) 44,80	AHk ÔA ' 9 M M 8 H 8 8 rH mZ Ô ' A9 8 m A' Z k M A 3 rHAM' 3A ' AHk 8 rH ' ' 9 rG ' M ' M 3A ' ÔB 9 ÔAa ÔB MÔ ÔB A

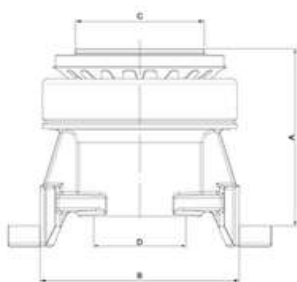
64 Ae R/	NR R/ n SI / rI	RcR U/I rA A 6rI AL F
ln c3 	 A - Altura / Height (mm) 36,50 B - Largura para o garfo / Width Fork (mm) 49,80 D - Diâmetro Furo / Hole diameter (mm) 44,50	Al n / N6 6A R. H RAe R. NR R. A I / R66A r / n R R H R R
ln . 	 A - Altura / Height (mm) 107,0 B - Largura para o garfo / Width Fork (mm) 124,0 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 80,0 D - Diâmetro Furo / Hole diameter (mm) 44,50	Al n / N6 R n/ AA HR A / rH . r/e A A 6rI A I A. Hr R.
ln 	 A - Altura / Height (mm) 119,30 B - Largura para o garfo / Width Fork (mm) 124,0 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 80,0 D - Diâmetro Furo / Hole diameter (mm) 57,50	/ N6 H I 6 4 Rc 6A I A. Hr I . . r/e A 6 4 R. H RAe R. NR A I A. r/nA I / rH A A 6A 6 4 Al c I N r A/ c A 4R N A R N
ln AI 	 A - Altura / Height (mm) 112,0 B - Largura para o garfo / Width Fork (mm) 124,0 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 80,0 D - Diâmetro Furo / Hole diameter (mm) 57,50	Al n / N6 AI I 6A R I A. Hr I . . r/e A R. H RAe R. NR A I A. r/nA R /rH R 4R r A/ c N I N r A/ AI r A/ c c

53 Ac R.

NR R. m SI . d

RbR U. I d A 5d AL F

RCH 5360



A - Altura / Height (mm) 112,0
 B - Largura para o garfo / Width Fork (mm) 124,0
 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 80,0
 D - Diâmetro Furo / Hole diameter (mm) 44,50

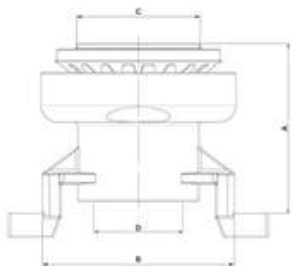
Al m . N5 I
 5A R I A, Ho I , , o c A
 R, H RAc R, NR A I A, o mA R . d

R 3R

o A. b N I N
 o A.

Al o A.
 b

I m ,

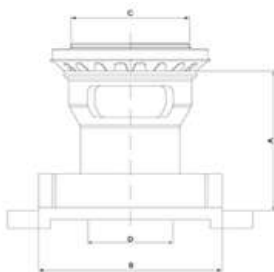


A - Altura / Height (mm) 112,0
 B - Largura para o garfo / Width Fork (mm) 124,0
 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 80,0
 D - Diâmetro Furo / Hole diameter (mm) 57,50

Al m . N5 , A
 5A R R, , o c A R, H RAc R, NR
 A I A, o mA R . d
 N A

o A. Al o A. R

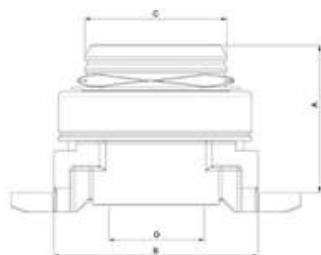
I m ,



A - Altura / Height (mm) 94,50
 B - Largura para o garfo / Width Fork (mm) 124,0
 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 80,0
 D - Diâmetro Furo / Hole diameter (mm) 44,50

. N5 H
 I A, Ho R, , o c A 5A 5 3
 R, H RAc R, NR A
 N A R I
 . d
 . d N . d
 N

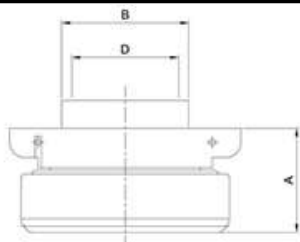
I m Al



A - Altura / Height (mm) 91,50
 B - Largura para o garfo / Width Fork (mm) 127,80
 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 90,0
 D - Diâmetro Furo / Hole diameter (mm) 60,80

Al m . N5 RA .
 A 2 , A
 5A R c A R A d R, H RAc R, NR
 A I . R55A o .
 R R R
 R R R R R R
 o A. Al I Ao A b
 N

I m

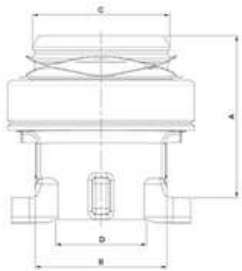
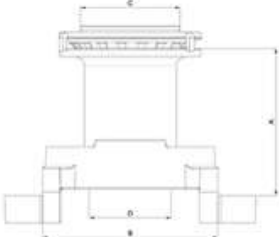
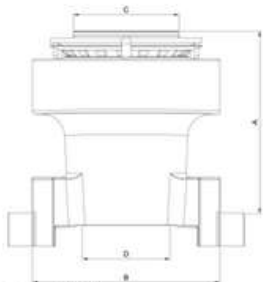
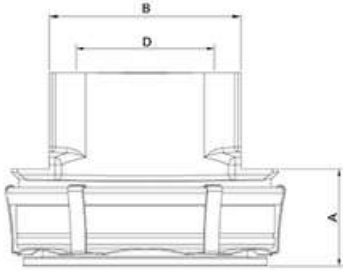
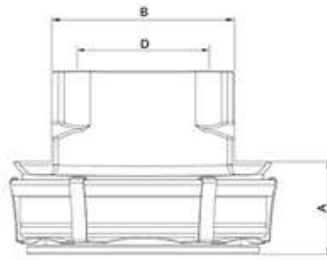


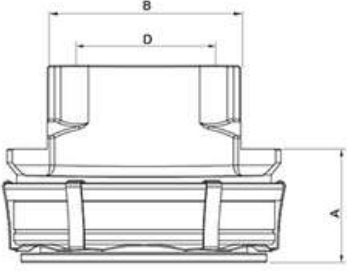
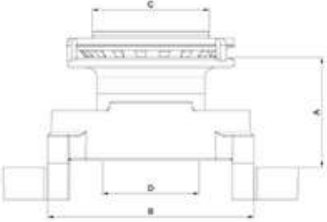
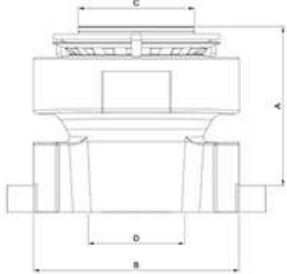
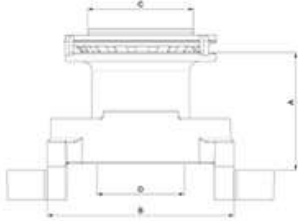
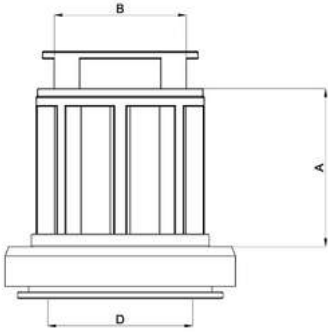
A - Altura / Height (mm) 37,30
 B - Largura para o garfo / Width Fork (mm) 49,8
 D - Diâmetro Furo / Hole diameter (mm) 44,50

Al m . N5

5A R, H RAc R, NR A

, , R 3o

42 Ab P,	NP P, I RH, rH	PaP T, H rA A 4rHAL Ê
HI AH 	 A - Altura / Height (mm) 104,50 B - Largura para o garfo / Width Fork (mm) 85,50 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 90,0 D - Diâmetro Furo / Hole diameter (mm) 63,20	AHI PA , G 4A P, b A P Â rN P9 G PAbP9 NP A HA9 η I Ê H , P44A n , A Á N 9 HnH 99 η n 4 P
HI 9 	 A - Altura / Height (mm) 103,50 B - Largura para o garfo / Width Fork (mm) 123,80 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 70,0 D - Diâmetro Furo / Hole diameter (mm) 44,5	PA , 4A HB9 Gn P9 9 η b A P9 G PAbP9 NP A 2P 2P , rG
HI 	 A - Altura / Height (mm) 121,0 B - Largura para o garfo / Width Fork (mm) 123,80 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 70,0 D - Diâmetro Furo / Hole diameter (mm) 57,5	PA , 4A HB9 Gn H 9 9 η b A P9 G PAbP9 NP A 2P 2P , rG
HI AH 	 A - Altura / Height (mm) 37,0 B - Largura para o garfo / Width Fork (mm) 74,80 D - Diâmetro Furo / Hole diameter (mm) 57,50	PA , 2 4A AHI P9 G PAbP9 NP P9 A , rG HB9 Gn α A G A , rH 9 PHA, rH P N A A n NP
HI AH 	 A - Altura / Height (mm) 37,0 B - Largura para o garfo / Width Fork (mm) 74,80 D - Diâmetro Furo / Hole diameter (mm) 57,50	AHI PA , 4A I AHI b A α 4P AN P9 G PAbP9 NP P9 A , rG P N P N HB9 Gn α, P 9 9 A, P 9 9 AH n , HAP A 9 A rH

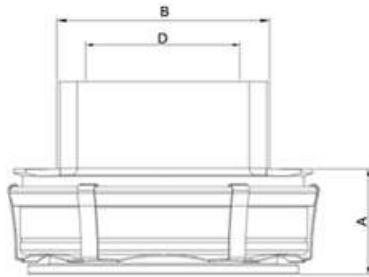
64 Ae R/	NR R/n SH/ rH	RcR U/ HrA A 6rHAL Ê
Hn AH 	 A - Altura / Height (mm) 46,0 B - Largura para o garfo / Width Fork (mm) 74,80 D - Diâmetro Furo / Hole diameter (mm) 57,50	AHn / N6 RA / 6A R R. G RAe R. NR R A H / R66A r / R R H / R66A r / . . R H / R66A r / H . . r/
Hn . 	 A - Altura / Height (mm) 66,0 B - Largura para o garfo / Width Fork (mm) 123,80 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 70,0 D - Diâmetro Furo / Hole diameter (mm) 44,5	RA / 6A R. G RAe R. N 6A NR A R n
Hn 	 A - Altura / Height (mm) 95,50 B - Largura para o garfo / Width Fork (mm) 123,80 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 70,0 D - Diâmetro Furo / Hole diameter (mm) 57,5	RA / R / N6 H 6A HB. Gr H . . r/e A R. G RAe R. NR A /rG n H / R66A r / . . A 4R RA /
Hn . 	 A - Altura / Height (mm) 78,0 B - Largura para o garfo / Width Fork (mm) 123,80 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 70,0 D - Diâmetro Furo / Hole diameter (mm) 44,5	RA / 6A HB. Gr R. . r/e A R. G RAe R. NR A R n
H6 	 A - Altura / Height (mm) 80,0 B - Largura para o garfo / Width Fork (mm) 62,80 D - Diâmetro Furo / Hole diameter (mm) 44,60	AHn 6A NRR. A

. zx AdT5

OT T5I . U 5r .

TcT V8I rA A zrH AMF.

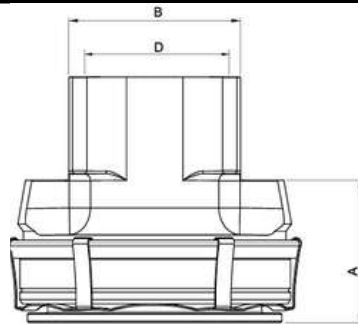
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A - Altura / Height (mm) 37,0
B - Largura para o garfo / Width Fork (mm) 74,80
D - Diâmetro Furo / Hole diameter (mm) 57,50

Al I
zA . T4 H TAdT4 OT
T4 A I An A c H.
I An A c A . 5r I An A
c H. . 5rH
. O4 A5 A4
. OI . 5 TzzA n 5

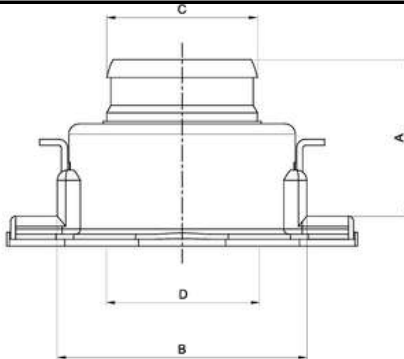
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A - Altura / Height (mm) 53,0
B - Largura para o garfo / Width Fork (mm) 64,0
D - Diâmetro Furo / Hole diameter (mm) 44,30

H
5 O T

||

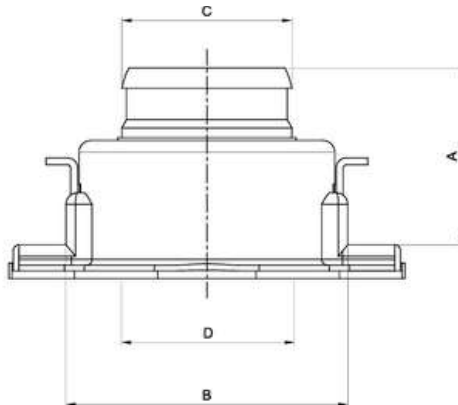


A - Altura / Height (mm) 60,0
B - Largura para o garfo / Width Fork (mm) 97,50
C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 58,80
D - Diâmetro Furo / Hole diameter (mm) 45,20

AzT. I H
I A4 r5I F. 4 A5 OTzn T

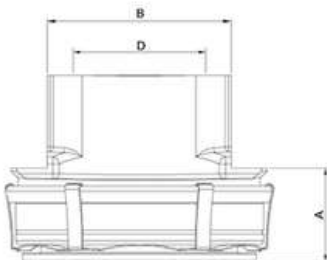
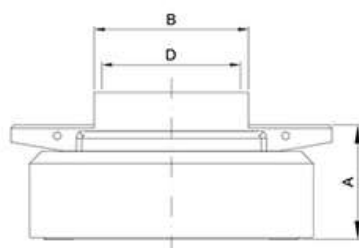
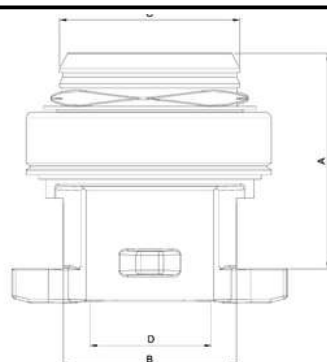
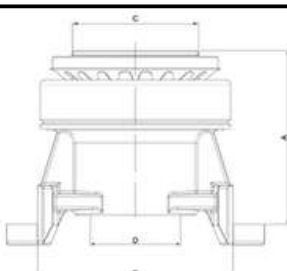
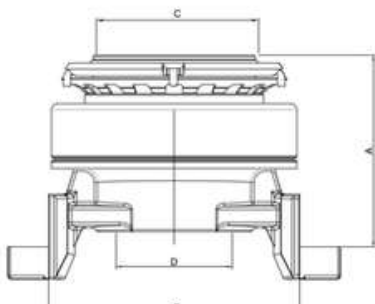
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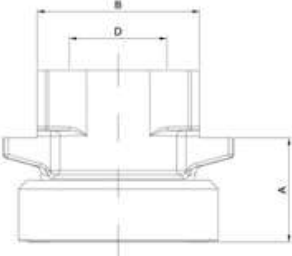
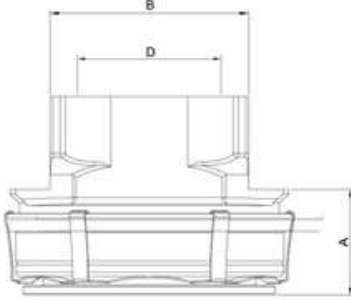
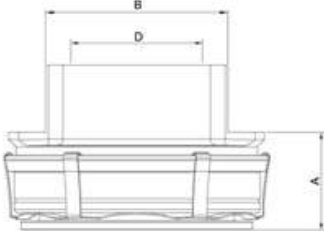
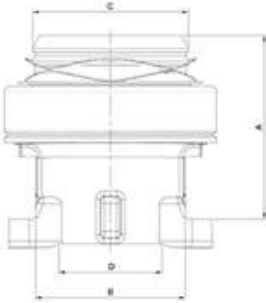
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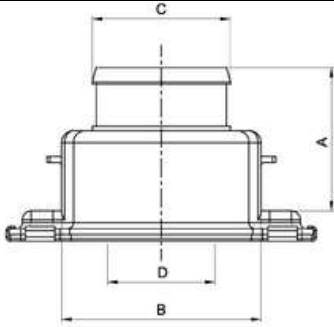
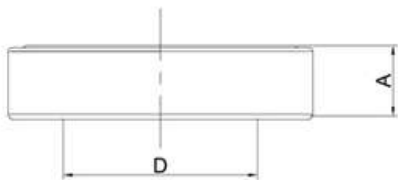
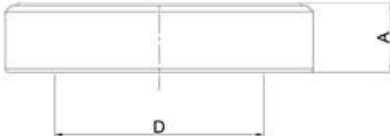
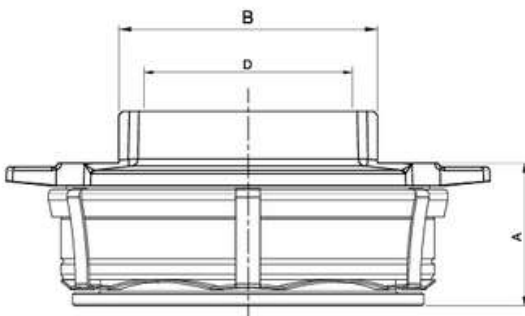


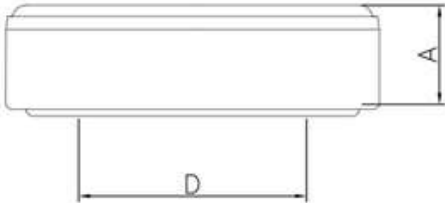
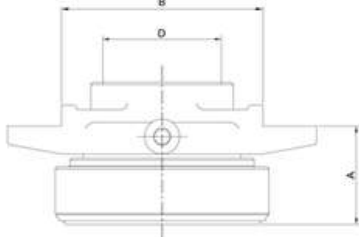
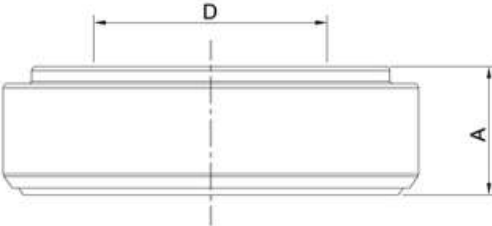
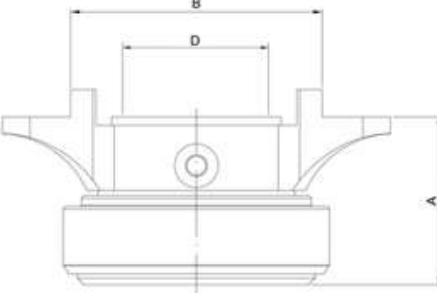
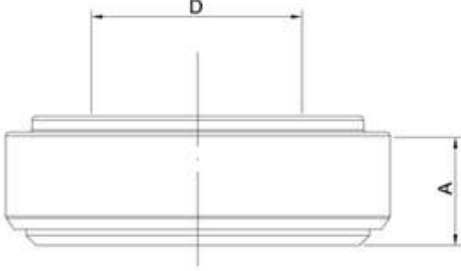
A - Altura / Height (mm) 60,0
B - Largura para o garfo / Width Fork (mm) 97,50
C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 58,80
D - Diâmetro Furo / Hole diameter (mm) 45,20

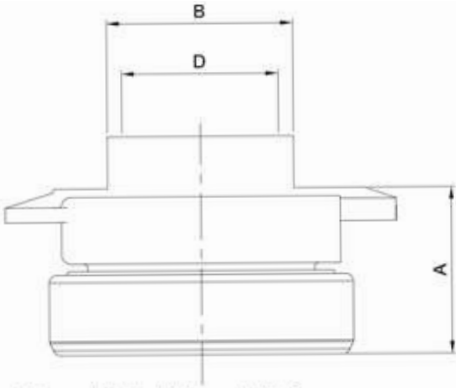
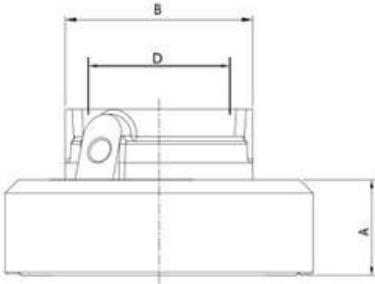
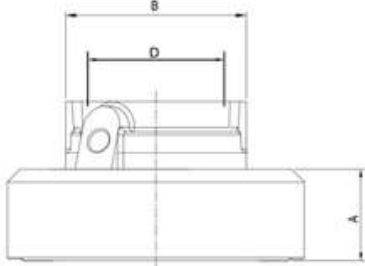
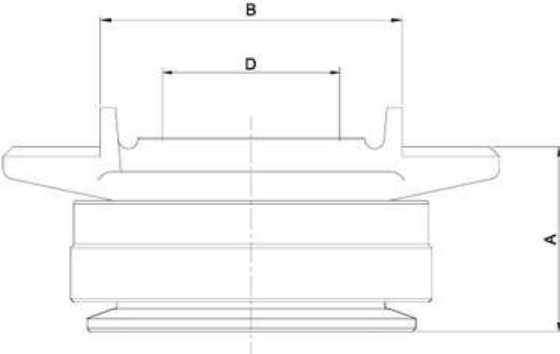
5 O T
O T
O
T T n 5
O T n 5

I ÓG	L Ó Óe ÔG8IG	ÓÓ R8 GIA A 2IGA JÉ
Ge 	 A - Altura / Height (mm) 37,0 B - Largura para o garfo / Width Fork (mm) 74,80 D - Diâmetro Furo / Hole diameter (mm) 57,50	ÓÁ 8 0 2A AGe Ó F ÓAZ Ó L Ó Ó A 8IF GÃ7 FI XA F A 8IG 7 ÓGA8IG Ó L A A I LÓ
Ge Xz 	 A - Altura / Height (mm) 36,50 B - Largura para o garfo / Width Fork (mm) 49,80 D - Diâmetro Furo / Hole diameter (mm) 44,50	AGe 8 L2 ÓÁ 8 2A Ó Ó F ÓAZ Ó Ó A Ó GA Z Ó Ó
Ge AG 	 A - Altura / Height (mm) 104,60 B - Largura para o garfo / Width Fork (mm) 85,50 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 9 D - Diâmetro Furo / Hole diameter (mm) 63,20	AGe 8 L2 ÓÁ 8 2A ÓBZA Ó Á IL Ó F ÓAZ Ó LÓ A I ÓG Ó ÓGe ÓA F Ó A00Ó Ó A2I Ó Ó Ó Ó A Ó Ó GA Z Ó Ó Ó G Ó Ó Ó Ó Ó ÓGe Ó Ó Ó Ó Ó Ó Ó A00Ó Ó Ó Ó Ó Ó 8IF A 2IGA OI O A
Ge AG 	 A - Altura / Height (mm) 112,0 B - Largura para o garfo / Width Fork (mm) 124,0 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 80,0 D - Diâmetro Furo / Hole diameter (mm) 57,50	AGe 8 L2 AG 2A Ó F ÓAZ Ó LÓ A GA7 I8eA Ó ÓG Ó 7 7 GA GA7 FI G 7 GA7 FI
Ge AG 	 A - Altura / Height (mm) 94,0 B - Largura para o garfo / Width Fork (mm) 124,0 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 80,0 D - Diâmetro Furo / Hole diameter (mm) 57,50	AGe I ÓG 2A Ó Ó F ÓAZ Ó LÓ A Ó GA Z ÓG Ó Ó Ó 8IF GG Ó A GA Z ÓG G LA GG Ó Ó

o RG	NR R. m SG. ⚙	RbR U. GcA A 5cGAL É
RCH 5399 FJ 	 A - Altura / Height (mm) 48,0 B - Largura para o garfo / Width Fork (mm) 74,80 D - Diâmetro Furo / Hole diameter (mm) 44,80	AGm . N5 o RG R, F RAc R, NR R, A R o R . Rb N . R5ANA A. , o A b mN
Gm AG 	 A - Altura / Height (mm) 40,0 B - Largura para o garfo / Width Fork (mm) 74,80 D - Diâmetro Furo / Hole diameter (mm) 44,90	AGm RA . o RG 5A R, F RAc R, NRR, A GA, o mA o RG R o . Rb R , b N . R5ANA
Gm AG 	 A - Altura / Height (mm) 40,0 B - Largura para o garfo / Width Fork (mm) 74,80 D - Diâmetro Furo / Hole diameter (mm) 57,50	AGm 5A R, F RAc R, NR R, A GA, o mA o RG ANA5R RG . Rb R GAo A b N
Gm AG 	 A - Altura / Height (mm) 104,50 B - Largura para o garfo / Width Fork (mm) 85,50 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 90,0 D - Diâmetro Furo / Hole diameter (mm) 63,20	AGm 5A R. c A R Á dN R, F RAc R, NR A GA, o mÉ o RG A5o G N A5o G R N GÃ, Fo b A A . ⚙

o RH	MR R9 m SH9 dH	RcR V9 HøA A 3dHAKÊ
Hm 	 A - Altura / Height (mm) 47,50 B - Largura para o garfo / Width Fork (mm) 67,30 C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 46,70 D - Diâmetro Furo / Hole diameter (mm) 36,20	1c 1H G R R o M
O n9 MRR R	MR R9 m SH9 dH	RcR V9 HøA A 3dHAKÊ
H 	 D - Diâmetro Furo / Hole diameter (mm) 52,40 A - Altura / Height (mm) 20,0	AHm 9 M A3 A8 A S dR Ç
8 A R	MR R9 m SH9 dH	RcR V9 HøA A 3dHAKÊ
H 	 D - Diâmetro Furo / Hole diameter (mm) 63,50 A - Altura / Height (mm) 22,0	9 M 8 8 cAe 8 c
Hm AH 	 A - Altura / Height (mm) 39,50 B - Largura para o garfo / Width Fork (mm) 70,0 D - Diâmetro Furo / Hole diameter (mm) 56,50	c R 8 8 MR

, R I ROR HR.	OR R. m SI . d	RbR U. I d A 5d AMF
	 A - Altura / Height (mm) 21,80 D - Diâmetro Furo / Hole diameter (mm) 50,0	31 A HA. ORo A. R A
	 A - Altura / Height (mm) 44,8 B - Largura para o garfo / Width Fork (mm) 91,8 D - Diâmetro Furo / Hole diameter (mm) 54,0	AI m , OI 5A R, A R, H RAc R, OR
	 A - Altura / Height (mm) 25,0 D - Diâmetro Furo / Hole diameter (mm) 60,0	AI m . OI 5A R, A R, H RAc R, OR
	 A - Altura / Height (mm) 64,0 B - Largura para o garfo / Width Fork (mm) 91,8 D - Diâmetro Furo / Hole diameter (mm) 48,0	AI m . O5 5A R, A R, H RAc R, OR
	 A - Altura / Height (mm) 29,50 D - Diâmetro Furo / Hole diameter (mm) 60,0	AI m 5A, R. . 5A R, A R, H RAc R, OR

. R I ROR HR/	OR R/ n SI /rl	RcR U/I rA A 6rl AMF
l n 	 A - Altura / Height (mm) 45,0 B - Largura para o garfo / Width Fork (mm) 49,8 D - Diâmetro Furo / Hole diameter (mm) 42,10	Al n / O6 6A R R. H RAeR. OR R. A /rH RI A. r/nF . H . I A . H . A . H . A S I . H . I O . . I I r R A A6
l n c3 	 A - Altura / Height (mm) 31,50 B - Largura para o garfo / Width Fork (mm) 55,80 D - Diâmetro Furo / Hole diameter (mm) 42,20	Al n / O6 6A R. H RAeR. OR R. A . HH I O I A A S /rH c c c I n n n n n n
l n H 	 A - Altura / Height (mm) 31,50 B - Largura para o garfo / Width Fork (mm) 55,80 D - Diâmetro Furo / Hole diameter (mm) 42,20	Al n / O6 6A R. H RAeR. OR R. A R/I A/RI AO . HH O I A I A S /rH c c c I c c . A n I n n n n n n
l n c3 	 A - Altura / Height (mm) 56,0 B - Largura para o garfo / Width Fork (mm) 91,80 D - Diâmetro Furo / Hole diameter (mm) 54,20	Al n / O6 6A R. H RAeR. OR R. A I . . I O I I . A I O n n n n . AcR A /rH . I . r/ . HH 6

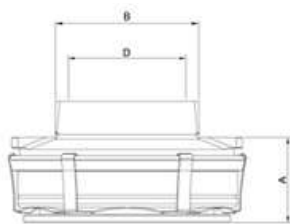
, R HRNR GR.	NR R. m SH. dH	RbR U. H dA A 5dHAL Ê
Hm b2	A - Altura / Height (mm) 71,0 B - Largura para o garfo / Width Fork (mm) 91,8 D - Diâmetro Furo / Hole diameter (mm) 54,20	AHm . 5 N5 5A R, G RAc R, NR R, A H , A H N A 5 5 . G b m , , A H R H
Hm b2	A - Altura / Height (mm) 37,80 B - Largura para o garfo / Width Fork (mm) 49,80 D - Diâmetro Furo / Hole diameter (mm) 42,20	AHm . N5 5A R, G RAc R, NRR, A o R, A mN Á 5dH N N 5 A H , dH . G 5 5 A b c Ê N c N N c N G G
Hm G	A - Altura / Height (mm) 37,80 B - Largura para o garfo / Width Fork (mm) 49,80 D - Diâmetro Furo / Hole diameter (mm) 42,20	AHm . N5 5A R, G RAc R, NR R, A o R, A mN Á 5dH N N 5 5 H , dH . G 5 5 A b c Ê N c N N c N G G
Hm b2	A - Altura / Height (mm) 62,2 B - Largura para o garfo / Width Fork (mm) 91,8 D - Diâmetro Furo / Hole diameter (mm) 54,20	AHm . N5 5A R, G RAc R, NR R, A N N H , , 5A , 5 H
Hm AH	A - Altura / Height (mm) 41,0 B - Largura para o garfo / Width Fork (mm) 50,0 D - Diâmetro Furo / Hole diameter (mm) 42,10	. N5 G , G 5A NRA5A A. HA GAo R, G RAc R, NR R, A o R, A GAo

7 Ô GÔMÔ FÔ8

MÔ Ô8e) ĆG8IG)

ÔÔ R8 GIA A 2IGA J É)

Ge AG

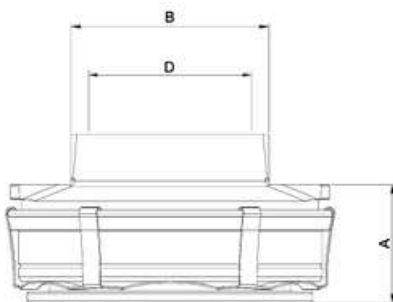


A - Altura / Height (mm) 40,0
B - Largura para o garfo / Width Fork (mm) 65,80
D - Diâmetro Furo / Hole diameter (mm) 54,60

AGe 8) M2 ÔA) 8

2A Ô Ô F ÔAZ Ô MÔ
Ô A GA7 I8e Ô Ô 8IF 7 F
) X) X) X 2 2
2 2 7 GAI A X 8IF) X) e
ÔÔ 8IG) 2A ÔA) 8
GA7 I8e Ô Ô 8IF) 7 2A)) X) e
) 7 2A ÔÔ 8IG) 7 FF

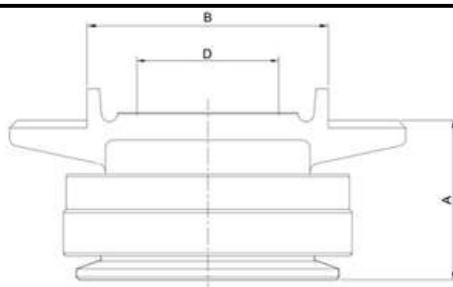
Ge Xz



A - Altura / Height (mm) 40,0
B - Largura para o garfo / Width Fork (mm) 65,80
D - Diâmetro Furo / Hole diameter (mm) 54,60

2A Ô
Ô F ÔAZ Ô MÔÔ A GA7 I8e Ô Ô
8IF 7 F
) X
) X) X 2 2 2
2 7 GAI A X 8IF) X) e
ÔÔ 8IG) 2A ÔA) 8
GA7 I8e Ô Ô 8IF) 7 2A)
) X) e
) 7 2A ÔÔ 8IG)
7 FF

Ge AG

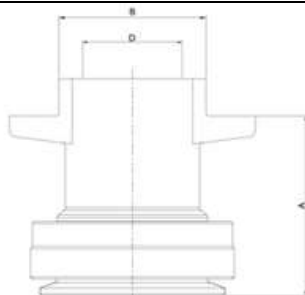


A - Altura / Height (mm) 62,2
B - Largura para o garfo / Width Fork (mm) 91,8
D - Diâmetro Furo / Hole diameter (mm) 54,20

AGe 8) M2 ÔA) 8

2A AGe Ô8Z A Ô Á IM)
Ô F ÔAZ Ô MÔ A GA7 I8e Ô Ô
8IF 2 A - A -
) MG 7)) 2A
2
Ô F ÔAZ Ô
17 2Ô

Ge Xz

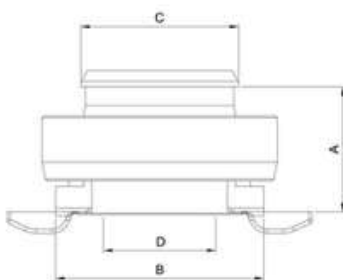


A - Altura / Height (mm) 97,0
B - Largura para o garfo / Width Fork (mm) 79,8
D - Diâmetro Furo / Hole diameter (mm) 54,50

AGe 8) M2

2A Ô F ÔAZ Ô MÔ
Ô A 2 A - 7 F
) 7
2
8IF))
2

Ge Xz



A - Altura / Height (mm) 48,0
B - Largura para o garfo / Width Fork (mm) 77,90
C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 60,0
D - Diâmetro Furo / Hole diameter (mm) 42,40

AGe 8) M2

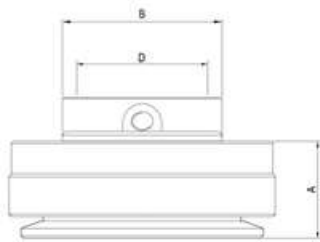
2A Ô Ô F ÔAZ Ô MÔ A
) 7 2A G A -
28 2) 2)
8IF) 7 2A
G A -
7 ÔGÃ8IG)) M)) 7 G

7 Ô GÔMÔ FÔ8

MÔ Ô8e) Ô8IG)

ÔÔ R8 GIA A 2IGAJÉ)

Ge Xz

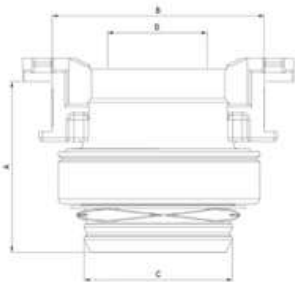


A - Altura / Height (mm) 40,0
B - Largura para o garfo / Width Fork (mm) 65,80
D - Diâmetro Furo / Hole diameter (mm) 54,20

8) M2

) X) e A) e) e
) e) e) e) e) e
) e 7)) 7 A) 7 2A

Ge AG



A - Altura / Height (mm) 101,0
B - Largura para o garfo / Width Fork (mm) 127,50
C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 90,0
D - Diâmetro Furo / Hole diameter (mm) 54,50

8) M2

2A Ô8Z A Ô Á IM) Ô F ÔAZ Ô
MÔ A)) e

Ge Xz

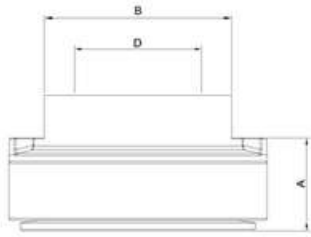


A - Altura / Height (mm) 137,0
B - Largura para o garfo / Width Fork (mm) 127,50
C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 90,0
D - Diâmetro Furo / Hole diameter (mm) 60,80

8) M2 ÔA) 8

2A Ô8Z A Ô Á IM) Ô F ÔAZ Ô MÔ
A 8IF))) 7 2A) e
) e

Ge AG

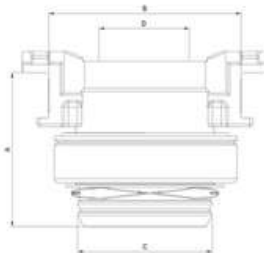


A - Altura / Height (mm) 40,0
B - Largura para o garfo / Width Fork (mm) 79,8
D - Diâmetro Furo / Hole diameter (mm) 60,80

AGe Ô 8) M2

2A Ô F ÔAZ Ô M 2A MÔ
Ô A GA7 I8eÉ) Ô 8IF 2
A Ô G G A Ô
) M7) 7 2A MI G) M 2)
7) 7)
2 A Ô

Ge AG



A - Altura / Height (mm) 101,0
B - Largura para o garfo / Width Fork (mm) 127,50
C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 90,0
D - Diâmetro Furo / Hole diameter (mm) 60,80

AGe 8) M2

2A AGe Ô8Z A Ô Á IM) Ô F ÔAZ Ô
MÔ A GA7 I8e Ô Ô 8IF 2
A - A -) MG
7)) 2A 2 Ô F ÔAZ Ô
17 2Ô

9 P HPNP GP,

NP P, I RH, rH

PaP T, HrA A 4rHAL Ê

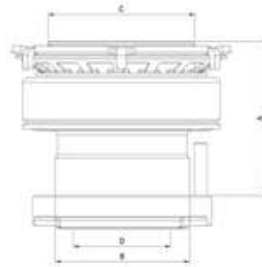
HI AH



A - Altura / Height (mm) 124,60
B - Largura para o garfo / Width Fork (mm) 82,50
C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 90,0
D - Diâmetro Furo / Hole diameter (mm) 60,80

AHI , N4 PA , P
A4P
4A AHI A4P P9 G PAb P9 NP
A r9 4P HA9 η I A P , rG 9 G 9
4A 9 4A 4 4
A AH
4 AH A
A , GG4 9 4A 4
A ,
9 4A 4A Aa 9 A GA H 4A, PP
GP , Pn A

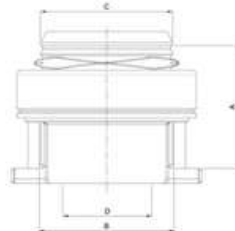
HI AH



A - Altura / Height (mm) 86,60
B - Largura para o garfo / Width Fork (mm) 82,50
C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 90,0
D - Diâmetro Furo / Hole diameter (mm) 60,80

AHI , N4
4A P P9 G PAb P9
N 4A NP A N 4A GAn A 9
4A 9 G 9 4A H
A
N rÂ n A
A N
9 4A AH 2
9 GG4 9 4A 9 GG

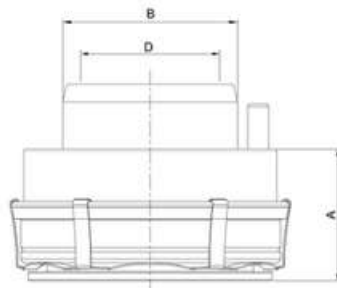
HI AH



A - Altura / Height (mm) 82,50
B - Largura para o garfo / Width Fork (mm) 90,50
C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 90,0
D - Diâmetro Furo / Hole diameter (mm) 60,80

AHI , N4 PA ,
4A P P, b A P Â rN
P9 G PAb P9 NP A , rG 9
4A 9 P4P , rH A Á
N 9 4A A Á

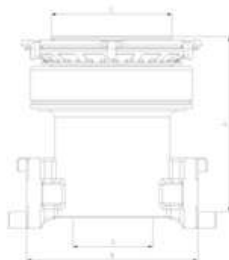
HI AH



A - Altura / Height (mm) 52,0
B - Largura para o garfo / Width Fork (mm) 68,50
D - Diâmetro Furo / Hole diameter (mm) 50,50

AHI , N4 PA ,
4A P A4 P9 G PAb P9 NP
P9 A AHHP4 9 4A
P4P , rH 9 GGHA9 η I Ê P , rG 9
a
4P H H H H
P4P , rH 9 4A A Pb 9 4A
AH , a a I
I I P4P , rH 9 rH , rG 4
4 HA9 η I Ê P , rG
P4P , rH 9 4A P4P , rH
9 4A

HI AH



A - Altura / Height (mm) 129,0
B - Largura para o garfo / Width Fork (mm) 127,50
C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 90,0
D - Diâmetro Furo / Hole diameter (mm) 60,80

PA ,
4A P9 G PAb P9 NP A 9 G
4 4A H HB9 Gn a 9 G
4 9 4A H HB9 Gn a

: R GRNR FR,

NR R, n SG, rG

RcR U, GrA A 5rGAL É

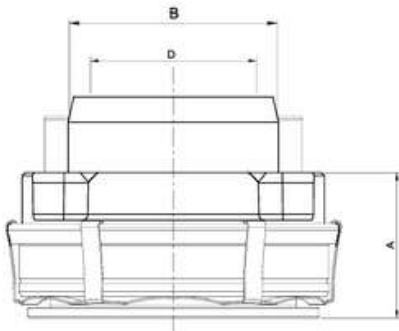
Gn AG



A - Altura / Height (mm) 123,50
B - Largura para o garfo / Width Fork (mm) 82,50
C - Diâmetro para mola membrana / Diameter of spring membrane (mm) 90,0
D - Diâmetro Furo / Hole diameter (mm) 60,80

RA ,
5A R, eA R Á rN R: F RAe R:
NR A , rF NR : 5A
GÃ: Fr c , rF N :
GÃ: Fr c

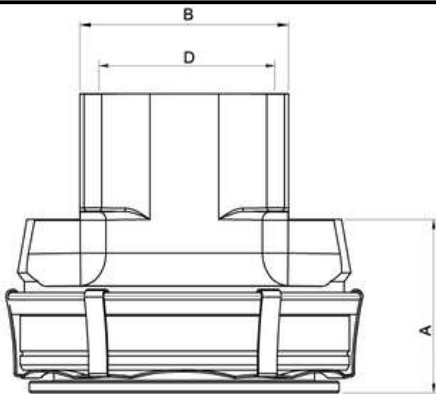
Gn AG



A - Altura / Height (mm) 48,0
B - Largura para o garfo / Width Fork (mm) 68,50
D - Diâmetro Furo / Hole diameter (mm) 50,50

AGn N A R A
c R c R

Gn AG



A - Altura / Height (mm) 53,0
B - Largura para o garfo / Width Fork (mm) 64,0
D - Diâmetro Furo / Hole diameter (mm) 44,30

: R GRNR FR, AGGR5
A : A r AN AGGR5
A : A r AN

Rr NR: F RAe R:

crA eA c NR: F RAe R:

R e
RA ,
Fn FA
RA ,
FA AA
EIXO LONGO DE EMBREAGEM
APLICADOS NOS GARFOS GDL 350.29
E 350.32,
JUNTO COM OS
KITS KTG 350.29A E 350.29B.



e N5
A

DUCATO JTD 2.8/2.3 16v (2006 a 2017);
BOXER 2.8v/2.3 16v (2006 a 2017);
JUMPER 2.88v/2.3 16 v(2006 a 2017)



w TAOoA n TXX M XAoX



oT.

w

O MDwOoA n TXX M XAoX



oT.

.

Ao A.X oA n X M

oT.



XA

GARFO EATON
PLATÔ SACHS 380 mm PLATÔ
EATON 365 MM SEM ROLETE (FIXO)

X o
8o

X o
8o



EIXO CURTO DE EMBREAGEM
APLICADO NO GARFO GDL 350.05



EIXO LONGO DE EMBREAGEM
APLICADO NO GARFO GDL 350.05

n ToA n X M



oT.

XA

8o

A

GARFO EATON
PLATÔ SACHS 380 mm PLATÔ
EATON 365 MM SEM ROLETE (FIXO)

X o
8o

EIXO CURTO DE EMBREAGEM APLICADO NO
GARFO GDL 350.05 CARGO 1215, 1415, 1419,
1422, 1617 ÔNIBUS B 1618, B 1622, B 2322

X o
8o



EIXO LONGO DE EMBREAGEM APLICADO
NO GARFO GDL 350.05 CARGO 1215, 1415,
1419, 1422, 1617 ÔNIBUS B 1618, B 1622, B 2322

oT.

Xo

F 1000, F 2000, F 4000, F 11000,
F 22000 (SEM PINO)
CARGO 814 / 815



oT.

MX

A

F1000, F4000 HASTE LONGO 308 mm



oT.

XA
MA

AA



Ao A.X
VW 24-260 4X2/6X2/8X2
TRANSMISSÃO F56406
AGRALE MT 17 TRANSMISSÃO F56406
IVECO TECTOR 4X2/6X2 TRANSMISSÃO F5
FORD 1317 / 1319 / 1419 / 1517 / 1519
/ 1717 / 1719
APLICA CAIXA EATON 6M FS 5406 A

9 o

A

Aplica nos garfos GDL 350.29. GDL 350.32



m S n A m W L

n S9
EATON 125737
FORD BH1X7544BA
TRP 0917942

FORD 1722E-1723-1729-2422E
2423-2428E-2429
INTERNATIONAL: 4400 4x2/6x2
INTERNATIONAL: Durastar 4x2



7 n A
Aplica nos garfos GDL 350.29. GDL 350.32



n S9

m S Lt
x W

MA m S MA n
W

W

W

W

W

x W

A x

A9

S

A

A

A77W

MA A xW



7 n

A



7x SW WA
A 9MAS

nA m SWW L WAnW
nA m nS9

n / nA m SWW L WAnW

n S9

WA
t AA
Ln AA
Wt AA /



7 n

A

7x M

WS

x

SWx A

W

L Mt A

SW9x A

W

9WW

/ W

A 9MAS

nA m

nS9

GARFO ROLETADO

PLATÔ SACHS 380 mm

PLATÔ EATON 365 mm COM ROLETE MENOR 19 mm V.W 12170 BT

/ 12180 / 14150 / 14170 BT / 14180 / 14220 / 16170 / 16220 / 16300 / 24220 / 24250 / 35300

Wn

6n

EIXO CURTO DE EMBREAGEM
APLICADO NO GARFO GDL 350.06



Wn

6n

EIXO LONGO DE EMBREAGEM
APLICADO NO GARFO GDL 350.06

i : i A g PUU: K UAi U:



A

3 i

i P5

U

U



i P5

UA ,

D 11000, D 12000, D 14000, D 22000
APÓS 1985 MODERNO



i P5

UA ,

A 60, C 60, D 60, D 70
ATÉ 1984 ANTIGO



i P5

UA ,

A 10, A 14 - C 10, C 14 - D 10, D 20, D 40

: KK i A g PUU: K UAi U:

i P5

: KK 5
i A g PUU: K UAi U: 5 , i



i P5

: KK : : : A :
i A g PUU: K UAi U:



i P5

: KK g : 5 i A g PU
U: K UAi U:



: KK i A g PUU: K UAi U:

i P5

: KK: U5U , p LC: Kp i
: A LnA Ui
5 A Ui U5U , p
A 5p AP Up U i



U i



Up P i A g PUU: K UAi U: : KK n
n 5
A 5p AP , i A g i P5



3 i

A

3p L , U, P K LnAU gX pA K LnA , 5 ,
A, Xp p U , A, Xp U U , : KK n
A 5p AP , i A g i P5



5 I

A



5s M / X/R L MpA RX/ 7 /
L MpA X kY sMA
A 7sMAR / I A k I R7

I R7

p /
k
A 7sMAR Xs X I
/ d . LL

X I



Xs R I A k RXX. L XAI X. . LL k

7
A I I R7



I R7

. LL p 7 p p7 7
7
7 A 7sMAR Xs X I



X I

Xs M R I A k RXX. L XAI X.
. LL 7 p 7 p 7
A 7sMAR / I A k I R7



5 I

A

5s M / X/R L MpA X kY sMA L MpA
RX/ 7 /
A/Ys s/ X / A/Xs s/ X /
M . L MpA . X/ X A 7sMAR / I A k I R7

X I



Xs 7 /I R I A k RXX. L XAI X.
. LL 7 7 A 7sMAR /
I A k I R7



f P1

A / f f f 1

A 1rKAP/ Uh / U f JnPn K/ U6 / 7/ Pn K/



U f

Uh / P/ f A é/ PUU6 J UAf U6 6 JJA /

A 1rKAP/ 7/ f A é/ f P1



z f A

zn K/7 U7P/ J K I A U éV rKA
J K I A 7 1/7

A7Vn r7 U 7/ A7Uh U U 7/ K/6
J K I A 6 A7/ U A 1rKAP/ 7/ f A é/ f P1



z f J

x/f / PUA UA U A A
A 1rKA7/ Uh / U f A 1rKA7/ f A é/
f P1



f P1

f U K

A z z f

A



z f J

zn Uh / P/ f A é/
A 1rKA7/ f A é/ f P1



z f A

zn U A / f A é/ U6 J UAf U6 A 1rKAP/ 7/
f A é/ f P1 A 1rKA KC6 Jn/
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GARFO ROLETADO

PLATÔ SACHS 380 mm

PLATÔ EATON 365 mm COM ROLETE MENOR 19 mm V.W 12170 BT

/ 12180 / 14150 / 14170 BT / 14180 / 14220 / 16170 / 16220 / 16300 / 24220 / 24250 / 35300



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X o

8o

EIXO LONGO DE EMBREAGEM

APLICADO NO GARFO GDL 350.06



X o

8o

EIXO CURTO DE EMBREAGEM

APLICADO NO GARFO GDL 350.06



k P7

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k P7



P U U. K U A k U. A 7 s L A P (k A e

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U s 7 (k
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P U U. K U A k U. A 7 s L A P (k A e

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**k P7****A****A K U****A o**

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k A e 7 U A P U e O A P
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mS8

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M Ns A WI WúNA SW8ú A(W



mS8

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mA I SWW M VAmW N (V88A ú (W
W W W W
N 8WW (M N I S



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mA I mS8



mS8

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86 AI U/
I A k PUU; K UAI U; Ut U6t



I P8

UA /

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A 8tL AP A/ ; t I k
8U U; U/ ; ; /tK
K LA; t/rI



6 I A

6t L / U/P K LrA PU 8t A/ U
t/ PU 8t A/ U 8U U; U/ ; ;
A 8tL AP / I A k I P8

U I

5I
Ut L
I P8



PUU; K UAI U; A 8tL AP / I A k



U I

5I

Ut 8 /I PUU; K UAI U; A 8tL AP / I A k
I P8

86 AI U/ I A k PUU; K UAI U;

I P8



UA /
L / U88A t / U
L 8U UA 8tL AP A/ ; t I k K
A 8tL A6t 6 I A

6 I

A



8U U K LrA U kU tLA K LrA
PU 8t A/ UA 8tL AP / I A k

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I A k PUU; K UAI U; Ut U6t

I P8



UA /

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5I

Ut L PUU; K UAI U; A 8tL AP / I A k I P8

U I



5I

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y y K y y 3 A4 4 J
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u, d, ÔT A A yA '
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I AKi
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3, yA A , A4Ty ÔT cT ,
A TyA yl A A4Ty A A
A ylKANH, Ad AyT c, Ô , y ,
I TK,



v A

u, d, ÔT A A yA ' A4Ty
, 4 A AKi
K, 3 , 4T4 T 3, yA A , A4Ty ÔT
cT , A TyA yl A A4Ty A A
A ylKANH, KA4IA , y , 3 JJ



5 A
7 5 T
A/T7 ÔT es ANA . 7A ÔT
T A ÔT/ AÔA A T7A ÔT
T/K A/T7 ÔT T T/NA

5 A
4 k ÔT A A 7A
. / AÔ A/T7 KoA TA /
K . /T/ T

5 A
TA / K . /T/ T . / AÔ
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A/T7 ÔT es ANA . 7A ÔT
T A ÔT/ AÔA
A/T7 ÔT T T/NA



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A/T7 ÔT es ANA A/T7 ÔT
T T/NA A/T7 ÔT T T/NA
T es7

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T T/NA T es7 . 7A K .
k A A

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. 7A T7T /sk
A/T7 ÔT es ANA
A T7A ÔT T/K
. 7A ÔT T A ÔT/ AÔA
A/T7 ÔT T T/NA



5 A
s T. A A7T
K A/T7 ÔT es ANA
A/T7 ÔT T T/NA T es7

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I K8



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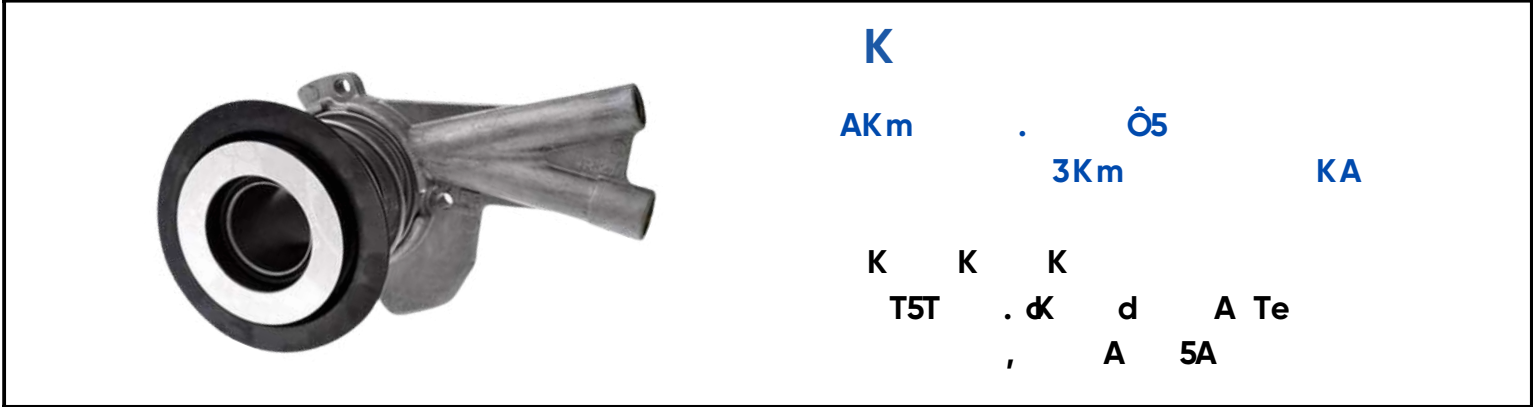
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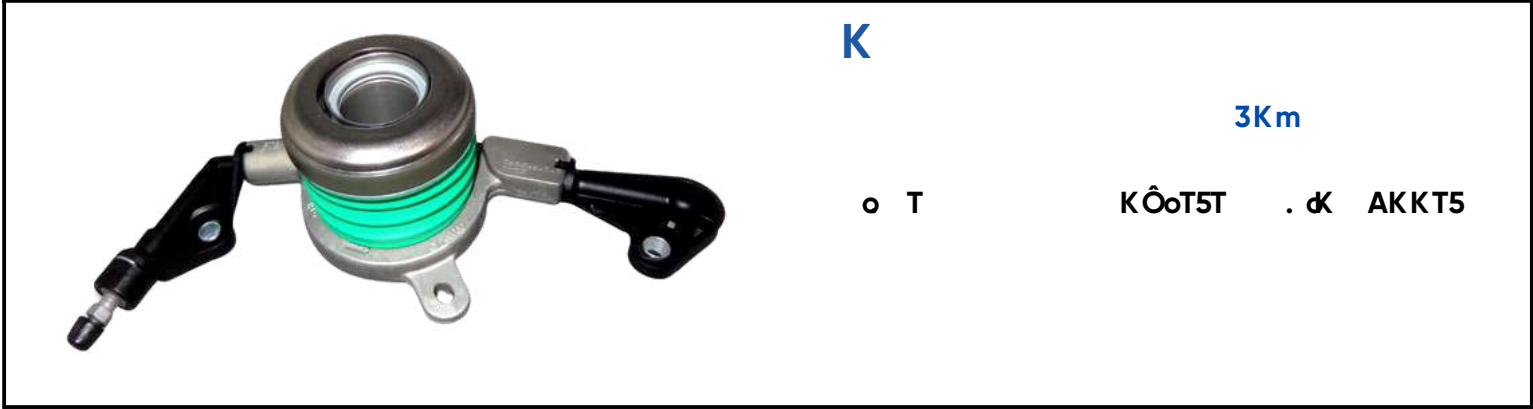
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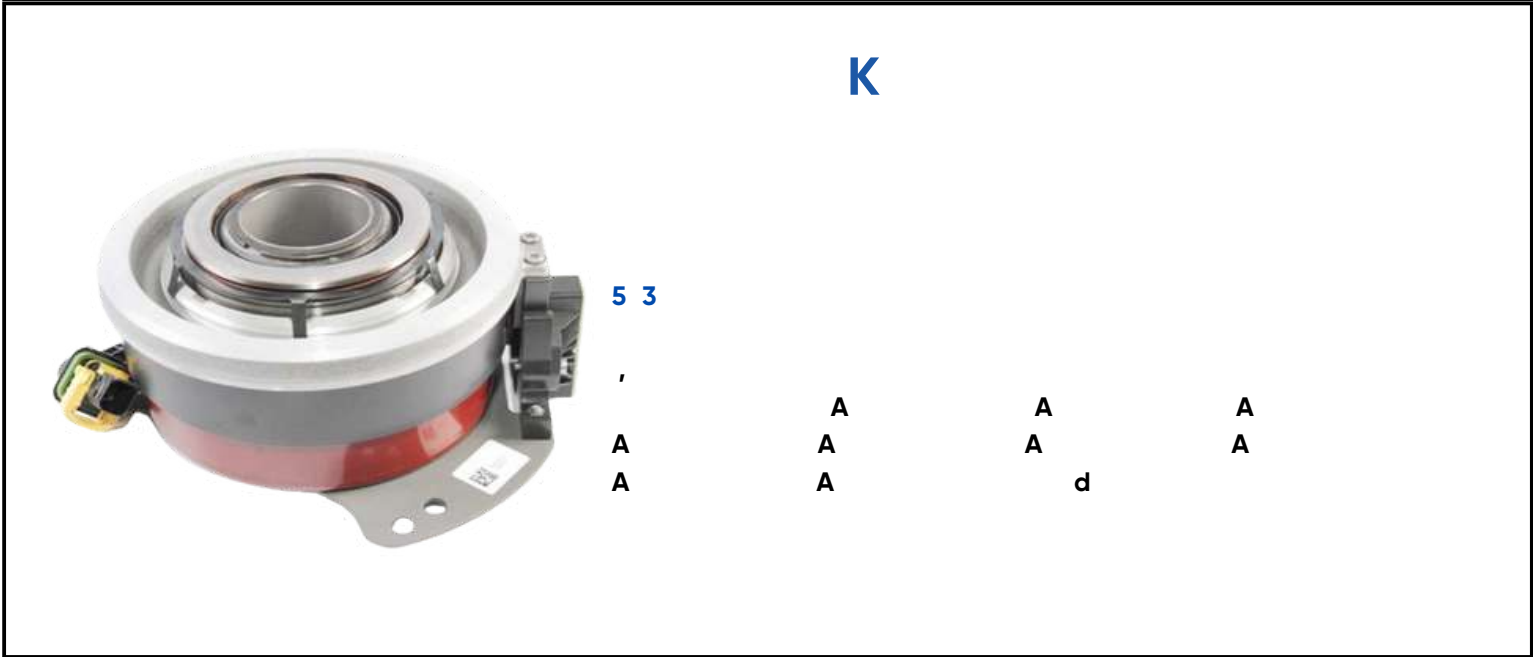
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 V ARA V R A A RV A RARV

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