CATÁLOGO TÉCNICO

LINHA DE CILINDROS

BELTON

PNEUMÁTICA

OTTO

Sistemas Hidráulicos

Equipamentos Rodoviários

Automação Industrial

Fone: (43) 3327-2615 - (43) 9149-1327 - R. Barretos, 100 Jd. Industrial - CEP: 86062-500 - Londrina PR

CARACTERÍSTICAS TÉCNICO-CONSTRUTIVAS:

PRESSÃO MÁXIMA	10,5 Kgf/cm2 (150 Psig).
PRESSÃO DE TRABALHO:	1,0 ~ 8,0 Kgf/cm² (14 ~ 120 Psig).
TEMPERATURA:	-10ºC a + 80ºC.
FLUÍDO:	AR FILTRADO E LUBRIFICADO ou NÃO
FORÇA DE FECHAMENTO:	4 ~ 60 kg (@ 6,0 kgf/cm²)
CORPO:	PERFIL DE ALUMINIO
SUPORTE E GARRAS:	AÇO SAE 1045 TEMPERADO
VEDAÇÕES:	BORRACHA NITRÍLICA

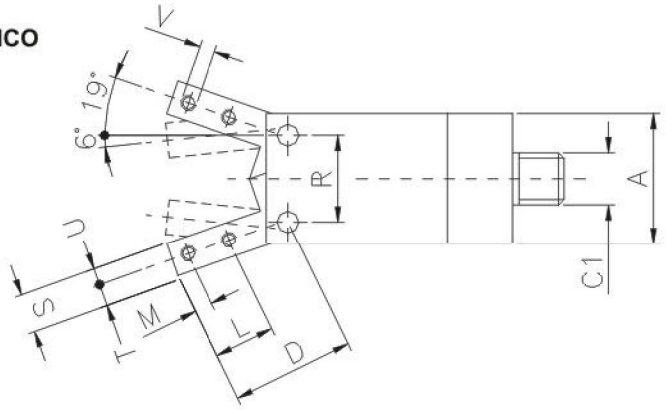
VERSÃO	
F	SIMPLES AÇÃO NF
A	SIMPLES AÇÃO NA
D	DUPLA AÇÃO

DIAM. GARRA	
16	16mm
20	20mm
32	32mm
50	50mm

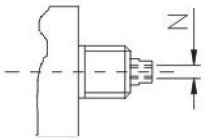
GMPB ■ ■ ■

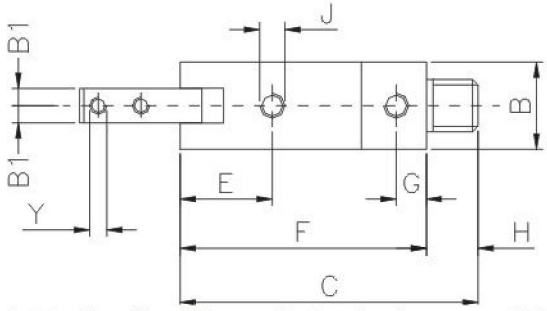
GARRA 16mm

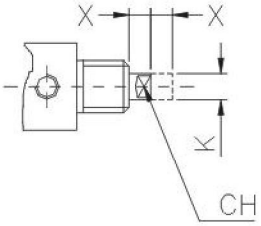
BÁSICO



HASTE PASSANTE





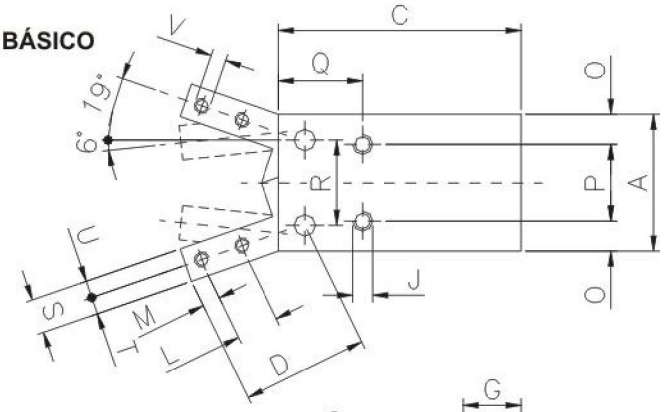


FORÇA à 6 kgf/cm² e 15mm distância do corpo ABERTURA 5 kg FECHAMENTO 4kg PESO 125g.

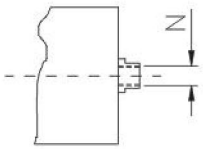
CIL	A	B	C	A1	B1	Ø C1	CH	D	E	F	G	H	Ø J
16	30,0	20,0	66,7	17,2	4,0	M12	5,0	28,0	21	54,7	7,0	12,0	M5
CIL	Ø K	L	M	Ø N	Q	R	S	T	U	Ø V	X	Ø Y	Z
16	6,0	14,0	4,0	M3	6,0	20,0	8,0	45,0	3,5	M3	5,0	M4	9,0

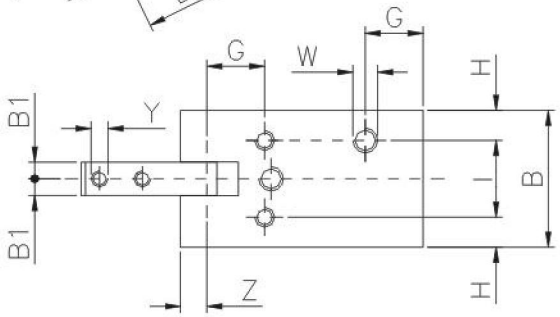
GARRA 20mm

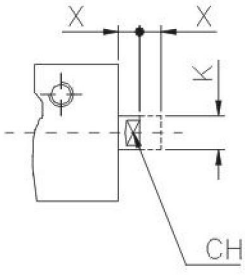
BÁSICO



HASTE PASSANTE





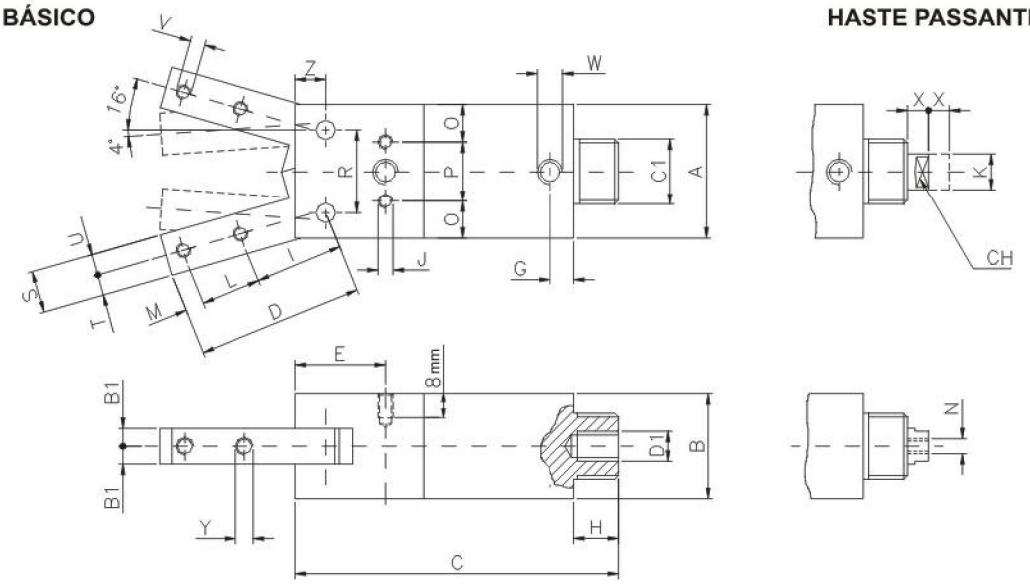


FORÇA à 6 kgf/cm² e 15mm distância do corpo ABERTURA 10 kg FECHAMENTO 8,4kg PESO 175g.

CIL	A	B	C	A1	B1	CH	D	G	H	I	Ø J	Ø K	L	M
20	32,0	32,0	51,5	32,0	8,0	6,0	28,0	6,0	7,0	18,0	M4	8,0	10,0	4,0
CIL	Ø N	O	P	Q	R	S	T	U	Ø V	Ø W	X	Y	Z	
20	M4	7,0	18,0	18,5	20,0	8,0	4,5	3,5	M3	M5	5,0	M4	5,0	

GARRA 32mm

BÁSICO **HASTE PASSANTE**

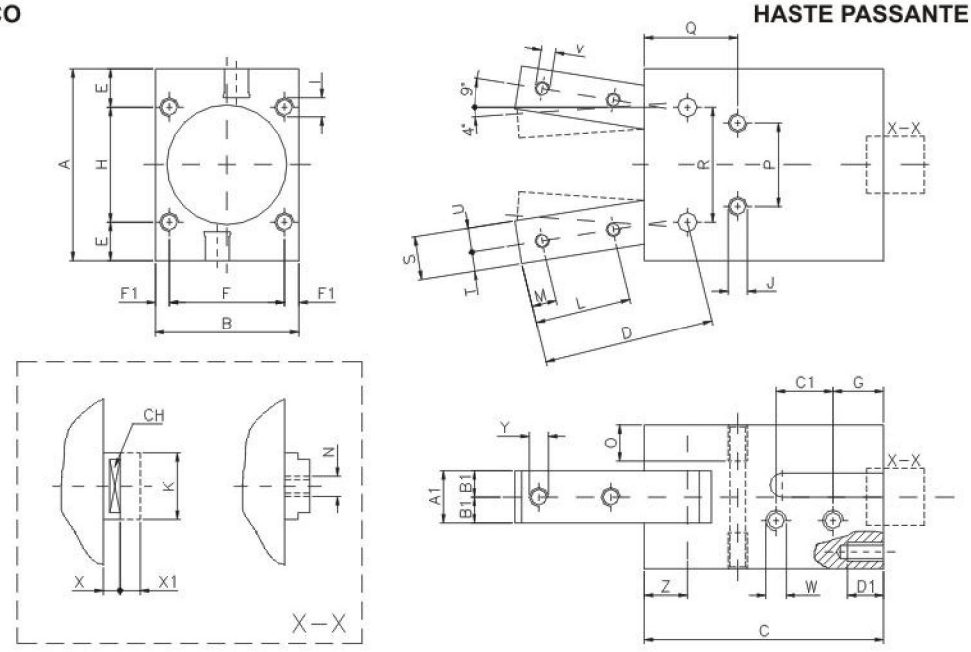


FORÇA à 6 kgf/cm² e 25mm distância do corpo ABERTURA 22 kg FECHAMENTO 19kg PESO 490g.

CIL	A	B	C	A1	B1	Ø C1	D	Ø D1	E	F	G	H	I	Ø J	Ø K
32	45,0	35,0	102,0	24,0	6,0	M22	45,0	M10	30,0	74,0	8,0	12,0	19,0	M5	12,0
CIL	L	M	Ø N	O	P	Q	R	S	T	U	Ø V	Ø W	X	Y	Z
32	20,0	6,0	M5	12.5	20,0	11,0	28,0	14,0	8,0	6,0	M5	G1/8"	5,0	M6	7,0

GARRA 50mm

BÁSICO **HASTE PASSANTE**



FORÇA à 6 kgf/cm² e 30mm distância do corpo ABERTURA 60 kg FECHAMENTO 52kg PESO 1680g.

CIL	A	B	C	A1	B1	C1	D	D1	E	E1	F	F1	G	H	Ø I
50	80,0	60,0	93,0	22,0	11,0	30,0	71,0	15,0	16,0	3,0	48,0	6,0	17,0	48	M8
CIL	Ø J	Ø K	L	M	Ø N	O	P	Q	R	S	T	U	Ø V	Ø W	X
50	M8	20,0	40,0	10,0	M6	53,0	35,0	37,0	48,0	18,0	10,0	8,0	M6	G1/8"	5,0