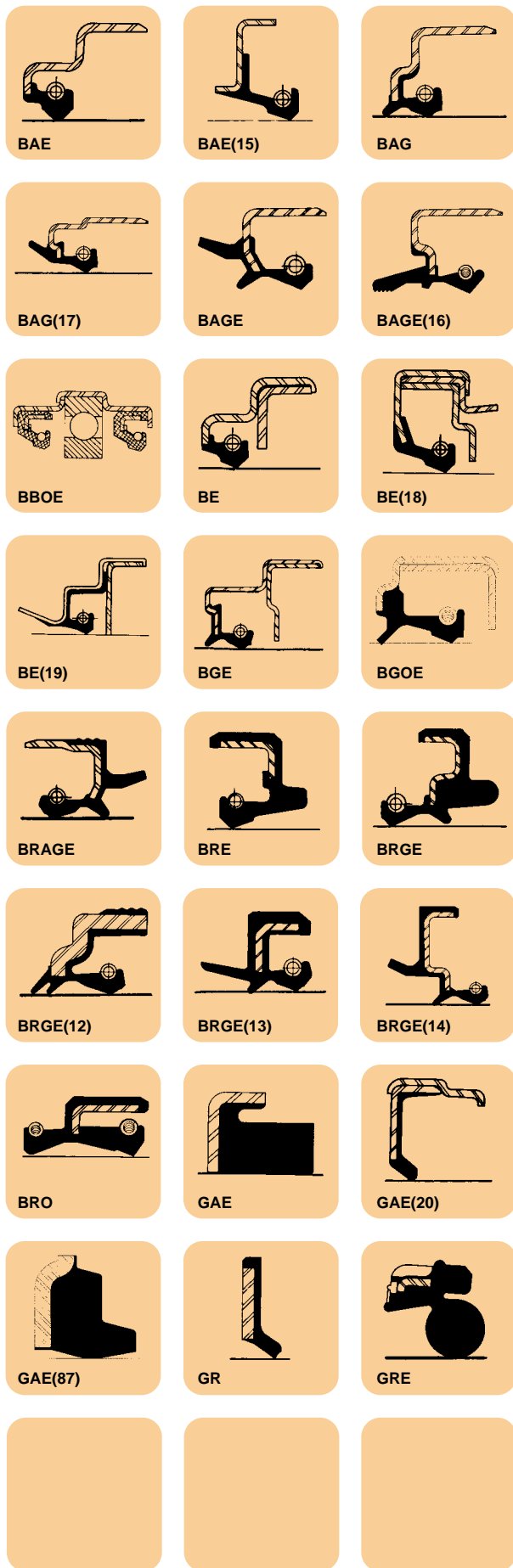


**Grupo B**

**Retentores com 2 alturas**



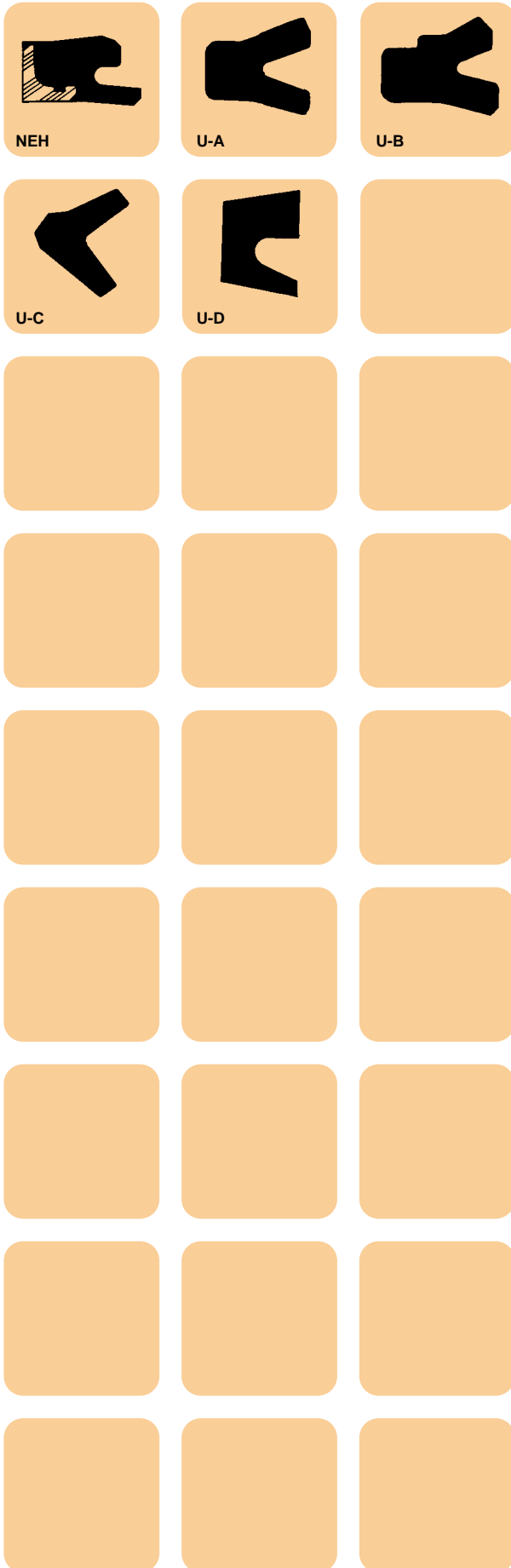
Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Número Sabô	Tipo	Orientação	Material do Lábio
11,8	28,00	5,0/7,5	03202	GAEP	LI	ACM
16,7	35,00	6,5/8,3	02618	GRG	LI	CR
19,9	44,40	1,6/7,9	01723	BAE	LI	NBR
23,3	29,70	1,8/4,3	03009	BREF	LI	FPM
24,6	44,50	1,5/7,9	01722	BAE	LI	NBR
25,0	35,00	3,8/7,5	02434	BRE	LI	NBR
27,0	42,70	1,2/7,9	01724	BAE	LI	NBR
29,8	50,00	10,0/13,5	07139	BAGEP	H	ACM
29,8	50,00	10,0/13,5	07539	BRAGEP	H	ACM
29,8	52,00	10,0/13,5	07138	BAGEP	AH	ACM
29,8	52,00	10,0/13,5	07538	BRAGEP	AH	ACM
33,0	50,00	10,0/15,0	01834	BAGE	AH	NBR
35,0	54,00	10,0/15,0	02370	BRAGE	BI	NBR
35,0	54,90	8,9/14,7	07398	BAGEF	BI	FPM
38,1	60,30	12,7/17,7	00049	BAGE	AH	NBR
38,1	60,30	12,7/17,7	07126	BAGE	AH	NBR
38,1	60,30	12,7/15,9	07199	BAGEP	H	ACM
39,4	69,85	6,4/16,2	01897	BRGEP	H	ACM
39,4	80,10	6,4/16,2	02155	BRGE	AH	NBR
39,4	80,25	6,4/16,2	01898	BRGEP	H	ACM
39,7	80,20	6,4/15,0	00029	BAE <sup>(15)</sup>	LI	NBR
42,0	72,00	10,0/16,0	07500	BRAGEF	H	FPM
42,9	65,00	9,5/15,0	01899	BRGE	BI	NBR
43,7	71,90	9,0/21,6	00022	BAE	LI	NBR
43,7	72,10	9,0/21,6	00023	BAE	LI	NBR
44,2	71,40	10,0/16,5	02910	BAGE	H	NBR
46,0	65,50	9,0/13,2	01111	BRGE	LI	NBR
46,0	76,20	9,5/12,7	01049	BRE	LI	NBR
47,6	70,65	14,4/16,7	00092	BGOE	LI	NBR
47,6	80,00	13,0/26,0	02209	BAGE	BI	NBR
47,6	80,25	6,5/16,5	02201	BRGEP <sup>(14)</sup>	H	ACM
47,8	60,90	6,4	00220	BAE	LI	NBR
49,2	80,10	8,1/22,2	00078	BAE	LI	NBR
50,0	65,00	9,7/14,0	02442	BAGE	BI	NBR
50,0	81,00	18,0/53,0	01077	BBOE	LI	NBR
54,0	79,35	12,7/19,0	00436	BAGE	H	NBR
54,0	79,35	12,7/19,0	02393	BAGE	AH	NBR
54,0	80,00	11,1/16,6	02693	BRGE <sup>(12)</sup>	BI	NBR
55,0	70,00	6,0/10,3	02392	BRGE <sup>(13)</sup>	BI	NBR
57,2	82,50	9,5/11,5	02103	BAGE <sup>(16)</sup>	AH	NBR
58,0	80,00	4,5/10,5	02996	BRGEP	H	ACM
59,0	79,70	9,7/11,8	01932	GRE	LI	NBR
60,2	84,05	8,0/12,7	00474	GAE <sup>(20)</sup>	LI	NBR
60,3	91,40	6,4/15,3	00168	BAE	LI	NBR
60,3	92,00	12,0/18,0	00334	BAGE	H	NBR
60,3	92,00	12,0/18,5	02417	BAGE	AH	NBR
63,5	83,80	9,0/11,5	02211	BAG	BI	NBR
69,8	98,45	11,8/17,7	01880	BAGE	H	NBR
69,8	98,45	11,8/17,8	02366	BAGE	AH	NBR
73,0	104,70	9,6/20,6	00181	BE	LI	NBR
79,4	115,85	10,1/30,5	00003	BE <sup>(18)</sup>	LI	NBR
80,0	112,00	12,0/18,0	02351	BAGE	H	NBR
81,0	117,50	14,5/19,0	00001	BE <sup>(19)</sup>	LI	NBR

**Tipos Especiais**



Grupo  
**C**

**Retenores para Sistemas Hidráulicos**

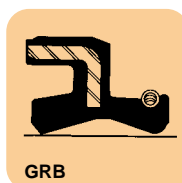
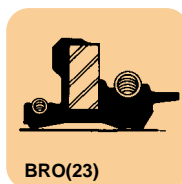
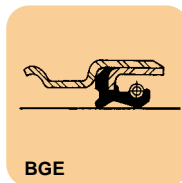
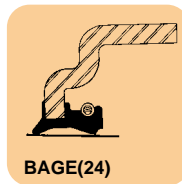


Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retedor	Número Sabó	Tipo	Figura	Material do Lábio
8,0	14,00	4,0	<b>20202</b>	U	D	FPM
12,0	22,00	7,6	<b>20170</b>	U	A	NBR
12,3	18,60	2,5	<b>20178</b>	U	D	NBR
14,0	23,20	3,2	<b>20235</b>	U	-	NBR
15,0	21,50	3,2	<b>20083</b>	U	D	NBR
16,0	22,00	6,0	<b>20181</b>	U	A	NBR
16,0	27,00	7,5	<b>20175</b>	U	B	NBR
22,0	32,00	8,0	<b>02002</b>	U	B	NBR
22,2	28,60	6,5	<b>20204</b>	NEH	-	NBR/PTFE
25,0	32,00	9,0	<b>20164</b>	U	B	NBR
28,0	38,00	8,0	<b>20165</b>	U	B	NBR
30,0	39,00	4,8	<b>20177</b>	U	C	NBR
31,0	47,00	12,0	<b>01975</b>	U	B	NBR
36,0	52,00	12,0	<b>20171</b>	U	B	NBR
41,0	57,00	9,5	<b>20166</b>	U	B	NBR
44,0	60,00	12,0	<b>20167</b>	U	B	NBR
54,0	70,00	12,0	<b>20168</b>	U	B	NBR
62,0	70,00	9,0	<b>20169</b>	U	B	NBR

**Tipos Especiais**

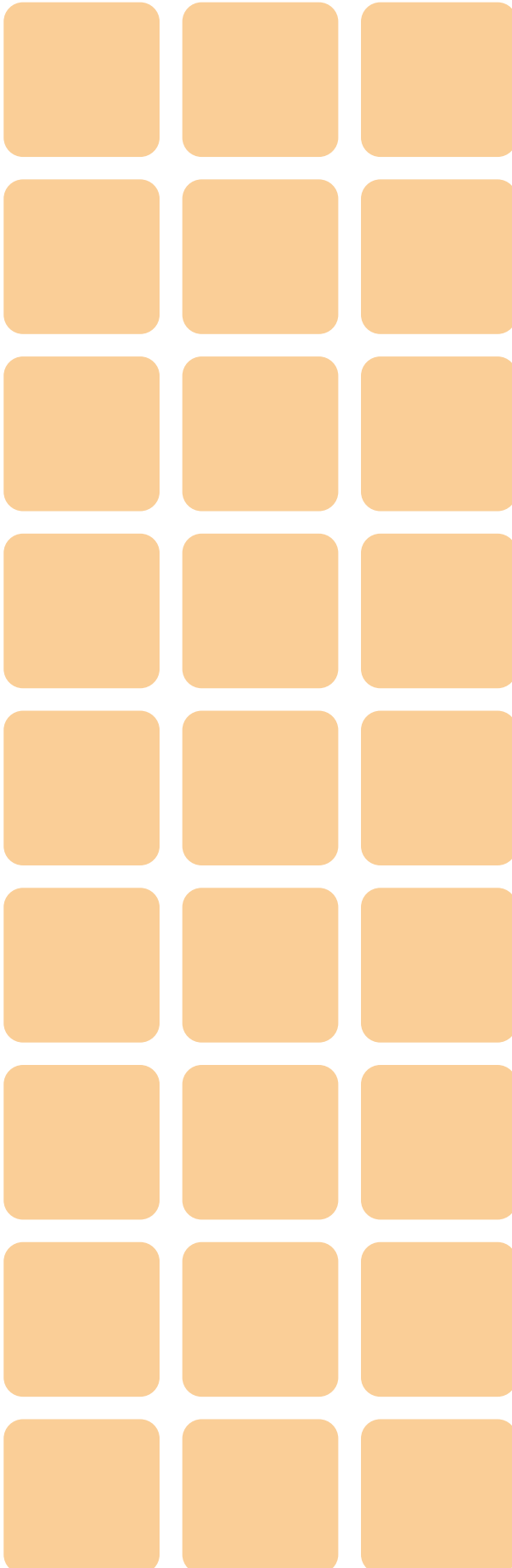
**Grupo D**

**Retentores para Movimento Axial**



Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Número Sabó	Tipo	Orientação	Material do Lábio
6,8	22,00	7,0	<b>02166</b>	BRG	LI	NBR
7,0	22,50	3,6	<b>02940</b>	BRGO	LI	HNBR
7,9	23,20	3,2/7,2	<b>02743</b>	BRGO	LI	NBR
8,0	16,00	2,3/3,5	<b>02934</b>	GRE <sup>(28)</sup>	LI	NBR
8,0	16,50	2,3	<b>09803</b>	GR	LI	NBR
8,0	16,50	2,3	<b>09829</b>	GR	LI	NBR
8,0	17,00	38,0	<b>03015</b>	GR	LI	NBR
8,0	19,50	2,3	<b>02615</b>	GRE <sup>(23)</sup>	LI	NBR
8,0	23,20	2,9	<b>02646</b>	BRGO	LI	NBR
8,0	25,25	2,6	<b>02906</b>	BRGO	LI	NBR
8,0	-	2,5	<b>02409</b>	GR	LI	NBR
8,0	-	9,0	<b>02532</b>	BRGE <sup>(21)</sup>	LI	NBR
9,0	23,20	3,2	<b>01614</b>	BRGO	LI	NBR
10,0	19,50	2,3	<b>09837</b>	GR	LI	NBR
10,0	24,35	5,5	<b>02170</b>	GR	LI	NBR
10,0	27,10	3,6	<b>09866</b>	BRGO	LI	NBR
12,0	26,80	4,0	<b>02904</b>	GAE	LI	NBR
12,4	23,50	6,1	<b>09881</b>	NG	LI	NBR
12,4	24,50	6,3	<b>09802</b>	NG	LI	NBR
12,4	29,00	7,8	<b>02864</b>	BRGE	LI	NBR
12,4	31,72	3,4	<b>09841</b>	BRGE	LI	NBR
12,4	39,40	4,5	<b>01971</b>	BAGE	LI	NBR
12,4	39,40	5,3	<b>09854</b>	BRGE	LI	NBR
14,2	48,20	4,7	<b>02463</b>	BAGE	LI	NBR
14,8	24,80	2,8	<b>02850</b>	GRE	LI	NBR
15,0	25,00	8,1/19,0	<b>00344</b>	BE	LI	NBR
15,5	28,00	6,0/15,0	<b>02420</b>	BAGE <sup>(26)</sup>	LI	NBR
15,7	48,15	5,3	<b>09855</b>	BRGE	LI	NBR
15,8	35,80	9,2	<b>02613</b>	BRGE <sup>(22)</sup>	LI	NBR
16,0	26,00	9,0/20,0	<b>02008</b>	BAGE	LI	NBR
16,0	31,10	3,0	<b>02553</b>	NE	LI	NBR
16,0	31,18	7,0	<b>02552</b>	GRB	LI	NBR
17,0	39,70	3,3	<b>02432</b>	GR	LI	NBR
17,0	40,20	4,6	<b>03281</b>	GR	LI	NBR
18,0	40,70	5,3	<b>09906</b>	BRGE	LI	NBR
20,0	27,00	2,0/4,0	<b>02812</b>	GAE	LI	NBR
20,0	31,70	3,3	<b>02620</b>	BRGO	LI	NBR
20,0	31,70	3,3	<b>09843</b>	BRO	LI	NBR
20,0	31,80	3,3/10,1	<b>09811</b>	BRO	LI	NBR
20,0	32,00	2,8	<b>09820</b>	BRGO	LI	NBR
20,0	32,00	3,0	<b>01987</b>	BRGO	LI	NBR
20,0	32,18	3,0	<b>02408</b>	BRGO	LI	NBR
20,0	32,25	3,5	<b>02726</b>	BRGO	LI	NBR
20,0	33,80	32,0	<b>02582</b>	BRGO	LI	NBR
20,0	34,80	3,0	<b>01919</b>	BRGO	LI	NBR
20,0	34,80	3,0	<b>02286</b>	BRGO	LI	FPM
20,0	34,80	3,6	<b>02598</b>	BRGO	LI	NBR
20,0	35,00	7,0/11,0	<b>02022</b>	GRGGO	LI	NBR
20,0	37,00	8,0/11,0	<b>02710</b>	GRGE	LI	NBR
20,0	38,90	3,2	<b>09867</b>	BROE	LI	NBR
20,0	40,40	6,0	<b>09856</b>	BRGE	LI	NBR
20,0	40,95	6,0	<b>09849</b>	BRGE	LI	NBR
20,0	45,25	5,3	<b>09804</b>	BRGO	LI	NBR

**Tipos Especiais**



Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Número Sabó	Tipo	Orientação	Material do Lábio
22,0	32,88	3,0	02290	BRGO	LI	NBR
22,0	33,95	2,8	09821	BRGO	LI	NBR
22,0	35,20	3,8/10,2	02622	BRGO	LI	NBR
22,0	35,20	3,8/12,0	02917	BRGE	LI	NBR
22,0	35,55	3,5	09839	BRGE	LI	NBR
22,0	35,55	3,5	09845	BRGE	LI	NBR
22,0	35,70	3,7/12,0	09810	BRO <sup>(23)</sup>	LI	NBR
22,0	38,90	3,2	09832	BROE	LI	NBR
22,0	42,75	3,2	09903	BROE	LI	NBR
25,0	42,75	3,2	09836	BROE	LI	NBR
26,0	42,00	8,0/9,0	02165	GRGG	LI	NBR
27,0	33,00	4,0	02703	GAE	LI	NBR
27,0	39,00	10,5	02312	BRGE <sup>(21)</sup>	LI	NBR
27,0	39,00	10,5	02312	BRGE	LI	NBR
28,0	40,00	10,5	02094	BAGE	LI	NBR
28,5	39,75	8,0	02461	BRGE <sup>(21)</sup>	LI	NBR
30,0	39,75	4,2	02725	GRE	LI	NBR
30,0	40,50	10,5	02318	BRGE <sup>(21)</sup>	LI	NBR
30,0	40,75	4,2	02666	GRE	LI	NBR
30,0	42,00	8,0/9,0	02023	GRGGO	LI	NBR
31,7	42,15	4,2	09807	GRE	LI	NBR
31,7	42,85	4,2	09808	GRE	LI	NBR
35,0	48,00	10,5	02353	BRGE <sup>(21)</sup>	LI	NBR
40,0	47,23	4,8	09870	BROE	LI	NBR

Tipos Especiais

**Grupo**  
**E**

**Pista para o Vedador**



GE



MA



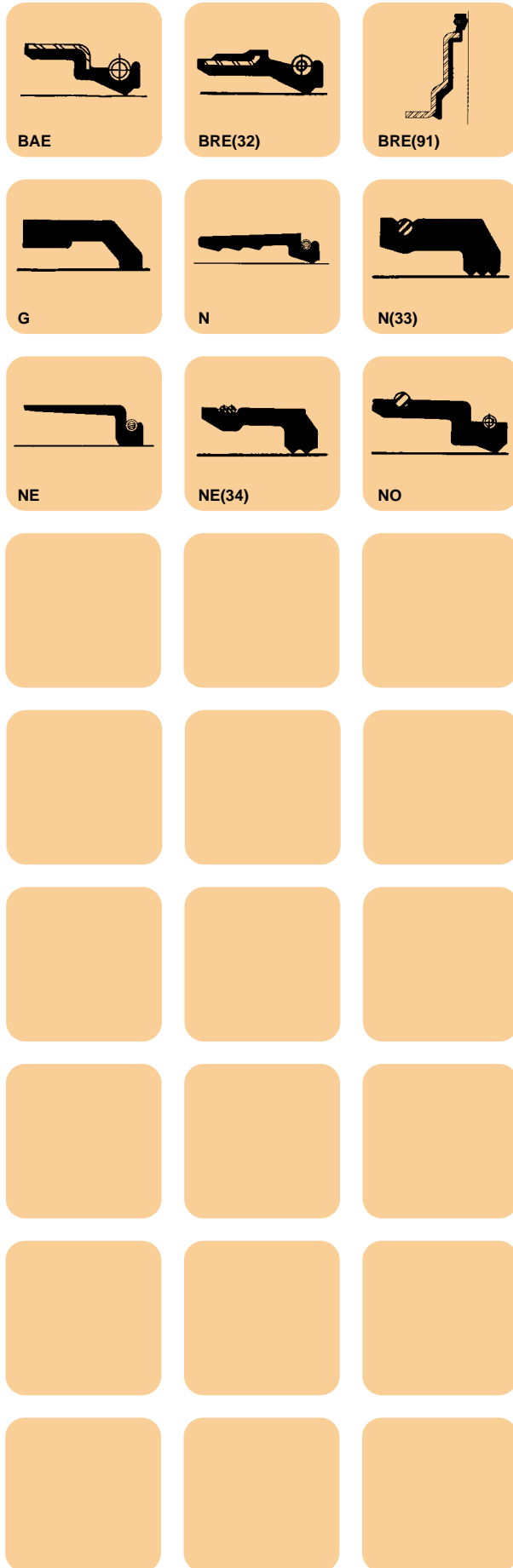
MV

Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Número Sabó	Tipo	Orientação	Material do Lábio
35,0	46,00	21,0	<b>01893</b>	GE	LI	NBR
35,0	46,00	26,0	<b>02328</b>	GE	LI	NBR
50,8	58,00	11,5	<b>01064</b>	MV	LI	PH
52,4	61,20	11,5	<b>01796</b>	MA	LI	PA

**Tipos Especiais**

**Grupo**  
**F**

# Retentores para Haste de Válvulas

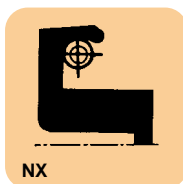
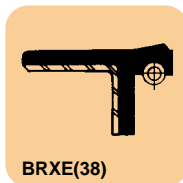


Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Número Sabô	Tipo	Orientação	Material do Lábio
5,5	9,20	7,0/8,0	<b>02307</b>	NEP <sup>(34)</sup>	LI	ACM
5,5	9,20	7,0/8,0	<b>09266</b>	NEF <sup>(91)</sup>	LI	FPM
6,0	8,80	6,1/9,4	<b>09203</b>	BREF	LI	FPM
6,0	11,00	17,8	<b>09250</b>	BREF <sup>(91)</sup>	LI	FPM
6,0	12,00	19,4	<b>09260</b>	BREF <sup>(91)</sup>	LI	FPM
7,0	9,80	6,2/10,0	<b>03044</b>	BREF	LI	FPM
7,0	10,90	6,4/11,0	<b>02382</b>	BREP <sup>(32)</sup>	LI	ACM
7,0	10,90	6,5/9,5	<b>02919</b>	BREF <sup>(32)</sup>	LI	FPM
7,0	11,00	7,0/10,0	<b>02509</b>	BREF <sup>(32)</sup>	LI	FPM
7,0	11,00	7,0/10,0	<b>09255</b>	BREF	LI	FPM
7,0	11,00	7,0/10,2	<b>09228</b>	BREF	LI	FPM
7,0	11,00	7,0/10,2	<b>09239</b>	BREF	LI	FPM
7,0	12,00	10,0	<b>09261</b>	BAEF	LI	FPM
7,9	13,45	13,5/15,7	<b>02892</b>	NES	LI	MVQ
8,0	11,95	7,0/10,9	<b>09242</b>	BREF	LI	FPM
8,0	12,00	7,0/11,0	<b>02396</b>	BREF <sup>(32)</sup>	LI	FPM
8,0	12,70	7,6/11,0	<b>02969</b>	BREF	LI	FPM
8,0	13,00	10,0	<b>09262</b>	BAEF	LI	FPM
8,0	13,00	7,5/9,3	<b>02327</b>	BREP	LI	ACM
8,0	14,00	8,0	<b>09212</b>	BAEF	LI	FPM
8,0	14,10	7,1/10,4	<b>02097</b>	BREP	LI	ACM
8,0	14,10	8,9/13,0	<b>02300</b>	BREP <sup>(32)</sup>	LI	ACM
8,0	14,10	7,1/10,4	<b>02118</b>	BREP <sup>(32)</sup>	LI	ACM
8,0	14,10	8,9/13,0	<b>02400</b>	BREF <sup>(32)</sup>	LI	FPM
8,0	10,80/ 14,00	6,2/10,3	<b>02544</b>	BREF <sup>(32)</sup>	LI	FPM
8,1	12,00	7,6/11,0	<b>02971</b>	BREF	LI	FPM
8,5	14,10	13,5	<b>09271</b>	BAEF	LI	FPM
8,6	13,50	13,0/15,2	<b>02806</b>	NES	LI	MVQ
8,6	17,00	13,0/15,2	<b>02734</b>	NE	LI	NBR
8,7	13,45	7,6/11,0	<b>02927</b>	BREF	LI	FPM
9,0	11,50	6,0/10,1	<b>02503</b>	BREP <sup>(32)</sup>	LI	ACM
9,0	13,00	10,0	<b>09211</b>	BAEF	LI	FPM
9,0	15,00	10,0/14,0	<b>01815</b>	BAEP	LI	ACM
9,4	15,90	7,0/12,5	<b>02513</b>	BREF	LI	FPM
9,5	14,40	9,1/13,2	<b>03045</b>	BREF	LI	FPM
9,5	13,45	18,6/20,8	<b>02886</b>	NES	LI	MVQ
9,5	13,45	8,6/10,8	<b>02890</b>	NES	LI	MVQ
9,5	14,30	12,3/14,3	<b>02590</b>	NF <sup>(33)</sup>	LI	FPM
9,9	14,30	13,1/14,5	<b>02663</b>	NF	LI	FPM
9,9	15,00	10,0/14,0	<b>01924</b>	BAEP	LI	ACM
10,2	14,30	13,1/14,5	<b>02674</b>	NF	LI	FPM
11,0	14,00	10,0/14,0	<b>09205</b>	BREF	LI	FPM
11,0	17,00	8,7/12,0	<b>01797</b>	NOP	LI	ACM
12,0	16,15	10,0/14,2	<b>02786</b>	BREF	LI	FPM

**Tipos Especiais**

Grupo  
**G**

Retenores para Vedação Externa



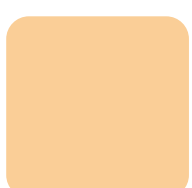
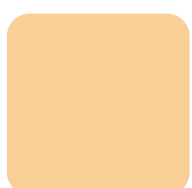
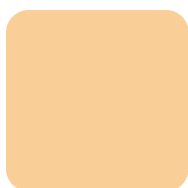
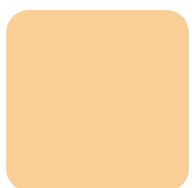
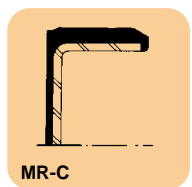
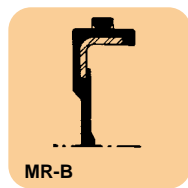
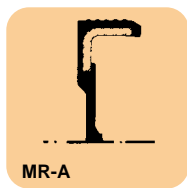
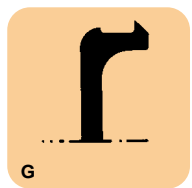
Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retenitor	Número Sabó	Tipo	Orientação	Material do Lábio
5,0	35,00	14,0	01102	NXE	LI	NBR
8,0	35,00	16,0	01826	BRXE <sup>(35)</sup>	LI	NBR
8,0	35,00	13,0	02380	BRXE <sup>(35)</sup>	LI	NBR
12,0	18,00	8,0	07390	GRAGX	LI	NBR
14,7	22,10	7,0	01978	GROX	LI	NBR
16,0	35,00	12,0	00510	BRX	LI	NBR
17,0	40,00	11,0	01799	BRX	LI	NBR
20,9	30,06	12,0	01876	GRXE	LI	NBR
22,0	45,00	12,0	01089	BRX	LI	NBR
39,7	68,15	13,0	01678	GRX <sup>(37)</sup>	LI	NBR
46,0	65,57	11,1	01546	GRX	LI	NBR
48,0	80,00	13,0	02274	BRX	LI	NBR
50,0	65,10	12,0	02518	BRXE <sup>(36)</sup>	LI	NBR
52,4	74,70	8,4	02026	GGGX	LI	NBR
55,0	70,00	12,0	02517	BRXE <sup>(36)</sup>	LI	NBR
57,0	85,00	13,0	02673	BRX	LI	NBR
74,5	80,10	22,0	01874	BRXE	LI	NBR
82,5	114,30	14,3	01185	BAX	LI	NBR
143,0	150,00	27,0	01090	BRXE	LI	NBR
143,3	150,00	39,5	01806	BRXE	LI	NBR

Tipos Especiais



Grupo  
**H**

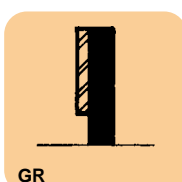
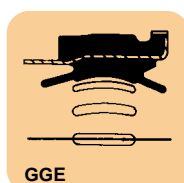
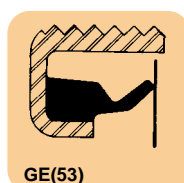
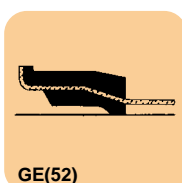
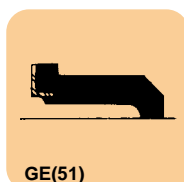
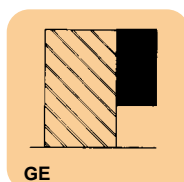
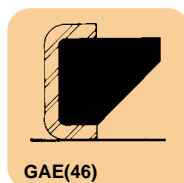
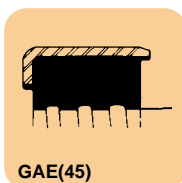
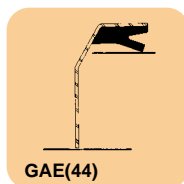
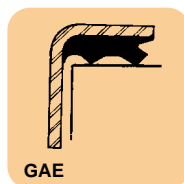
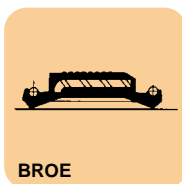
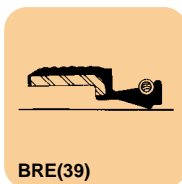
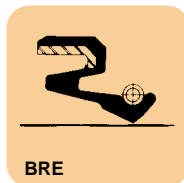
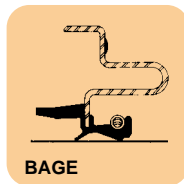
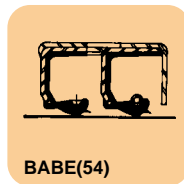
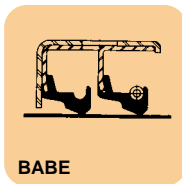
Tampão



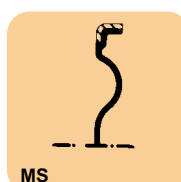
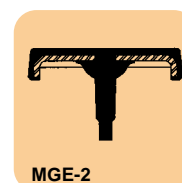
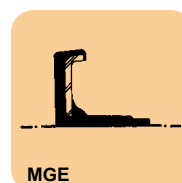
Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Número Sabó	Tipo	Figura	Material do Lábio
-	16,00	7,0	<b>10420</b>	MR	C	NBR
-	20,00	4,0	<b>07198</b>	MR	-	NBR
-	20,00	4,0	<b>07313</b>	MR	-	NBR
-	27,50	7,0	<b>10409</b>	MR	A	NBR
-	27,50	7,0	<b>10410</b>	MR	B	NBR
-	28,00	7,0	<b>03301</b>	MRP	-	ACM
-	28,00	7,0	<b>10411</b>	MR	A	NBR
-	28,00	7,0	<b>10412</b>	MR	B	NBR
-	52,00	6,5	<b>07298</b>	MR	-	NBR
-	52,00	8,0	<b>07502</b>	MR	-	NBR
-	68,00	8,5	<b>10415</b>	MRP	A	ACM

Grupo  
**I**

Retentores Especiais



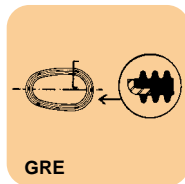
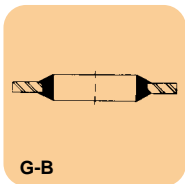
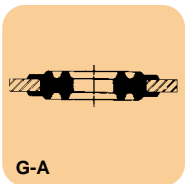
Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Número Sabo	Tipo	Orientação	Material do Lábio
2,0	24,50	14,7	10316	MGE	LI	NBR
2,0	25,00	14,7	03038	MGE	LI	NBR
12,0	28,05	8,0	03110	BRGE	LI	NBR
12,5	28,60	9,0	02354	GAE	LI	NBR
16,0	22,00	6,2/9,7	02928	BRE <sup>(39)</sup>	LI	NBR
17,0	28,00	7,0/10,0	01837	BRGE	H	NBR
17,8	30,00	11,0	01818	GAE <sup>(45)</sup>	AH	NBR
22,0	42,50	29,5	10145	GGE	LI	NBR
22,2	29,00	6,0	03001	GAE	LI	NBR
26,0	40,00	5,0	02856	GAE <sup>(50)</sup>	LI	NBR
26,7	32,70	4,0	02705	GAE	LI	NBR
29,0	35,00	6,0	02815	GAE	LI	NBR
29,0	39,50	8,6	02968	GAE	LI	NBR
29,5	37,00	7,5	02167	GAE <sup>(49)</sup>	LI	NBR
29,8	42,30	29,5	10143	GE <sup>(52)</sup>	LI	NBR
30,0	62,90	2,5/20,2	02929	BRGE <sup>(40)</sup>	LI	NBR
30,0	64,40	17,0	03260	BRGGE	LI	NBR
30,5	38,00	7,9	01873	GRE	LI	NBR
30,7	36,70	7,0	02704	GAE	LI	NBR
31,0	38,00	6,0	03006	GAE	LI	NBR
35,0	45,15	15,0/24,0	02336	BROE	LI	NBR
35,0	45,60	2,5/5,6	01323	GAE <sup>(46)</sup>	LI	NBR
35,0	50,00	7,0/12,4	01896	BRE	H	NBR
35,6	50,75	7,8/9,6	02528	GRL	LI	NBR
37,0	45,00	12,0	02707	GAE	LI	NBR
42,2	53,20	25,5	10144	GE <sup>(51)</sup>	LI	NBR
45,0	61,90	5,5/10,0	02368	GAE	LI	NBR
52,0	59,00	7,0	03002	GAE	LI	NBR
54,0	81,10	20,7	01933	BABEP <sup>(54)</sup>	BI	ACM
54,0	81,10	22,9	01008	BAGEP <sup>(41)</sup>	LI	ACM
56,0	63,20	11,0	02706	GAE <sup>(44)</sup>	LI	NBR
60,2	85,74	22,9	01007	BABEP	LI	ACM
60,3	85,75	22,8	02090	BABE <sup>(54)</sup>	BI	NBR
61,5	76,15	7,1	07425	GAGGE	LI	NBR
63,5	102,50	7,0/22,5	02853	BAGEF	H	FPM
82,6	134,55	41,2	02805	BAGE <sup>(42)</sup>	LI	NBR
82,6	134,55	41,2	02019	BAGE <sup>(42)</sup>	LI	NBR
88,9	152,40	30,4	02804	BAGE <sup>(42)</sup>	LI	NBR
88,9	152,40	39,1	02018	BAGE <sup>(42)</sup>	LI	NBR
109,7	140,00	12,0/40,0	01941	GAE <sup>(47)</sup>	LI	NBR
111,3	142,85	4,8	01132	GR	LI	NBR
138,0	184,00	12,0/38,0	01925	GRE <sup>(43)</sup>	LI	NBR



Tipos Especiais

Grupo  
**J**

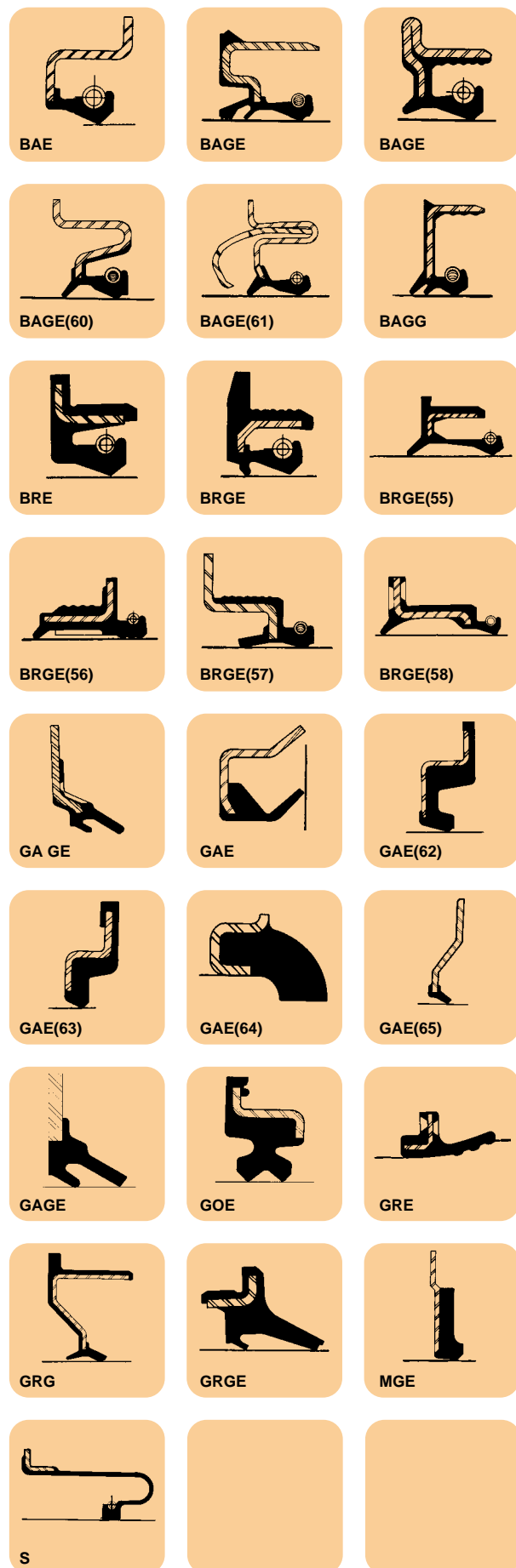
**Arruela para Vedação**



Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Número Sabó	Tipo	Figura	Material do Lábio
8,3	-	1,5/1,9	<b>22030</b>	G	B	NBR
8,7	-	0,9/1,6	<b>20180</b>	G	B	NBR
10,7	-	1,5/2,5	<b>01747</b>	G	B	NBR
14,9	-	2,1/2,9	<b>01990</b>	G	B	NBR
17,5	-	1,6	<b>10418</b>	G	A	NBR
27,0	-	2,5/3,3	<b>01991</b>	G	B	NBR



Retentores com Aba no Externo

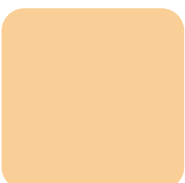
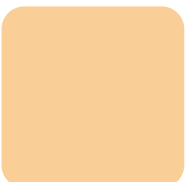
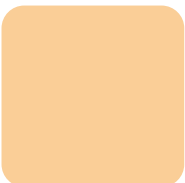
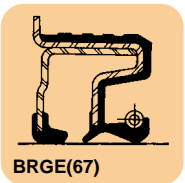
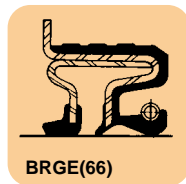
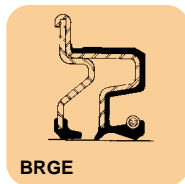
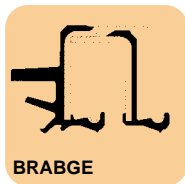


Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Número Sabó	Tipo	Orientação	Material do Lábio
15,0	21,00	2,0/14,0	02319	BRGE <sup>(58)</sup>	LI	NBR
17,0	39,80	0,6/3,5	00719	MGE	LI	NBR
20,0	30,00	0,9/7,0	00505	BRE	LI	NBR
20,0	40,00	0,9/6,5	01170	BAE	LI	NBR
22,0	32,00	1,9/5,0	02258	GAE <sup>(63)</sup>	LI	NBR
22,1	40,00	12,0/17,0	00224	BRGE <sup>(55)</sup>	H	NBR
22,3	35,74	3,7/10,0	02132	BRES	H	MVQ
24,0	62,00	3,0/12,0	01456	BRE	LI	NBR
25,0	38,00	10,5/14,5	02797	BRGE <sup>(57)</sup>	LI	FPM
25,0	52,00	2,0/15,0	02411	GRG	LI	NBR
28,0	38,00	3,0	05183	GAGE	LI	NBR
28,0	40,60	1,0/5,0	02520	GAE <sup>(62)</sup>	LI	NBR
28,0	46,00	3,0	05139	GAGE	LI	NBR
28,2	45,92	0,8/5,5	05052	GAGE	LI	NBR
30,0	61,95	0,9/5,0	03026	GAE	LI	NBR
30,0	72,00	2,5/10,5	01792	BRE	LI	NBR
30,0	72,25	3,0/20,0	02388	GRG	LI	NBR
31,7	44,45	1,5/5,9	02257	GAE <sup>(62)</sup>	LI	NBR
33,0	51,90	3,0/12,0	01849	BAGE	BI	NBR
35,0	48,20	5,0/14,4	02711	GRGE	LI	NBR
35,0	54,90	0,7/14,7	02374	BAGE <sup>(61)</sup>	BI	NBR
35,0	54,90	9,0/14,7	02836	BAGE <sup>(61)</sup>	BI	FPM
38,0	52,00	2,5/8,5	01850	BRGE	LI	NBR
38,0	52,00	3,6/9,0	01219	BRGE	LI	NBR
38,5	45,58	8,0/14,7	02071	BRGE <sup>(56)</sup>	LI	NBR
39,5	54,50	3,0/16,0	01276	GRE	LI	NBR
40,0	52,00	2,8/8,5	02212	BRGE	LI	NBR
40,0	90,15	3,0/20,0	02410	GRG	LI	NBR
40,1	52,00	1,9/7,7	01988	BRGE	LI	NBR
40,1	52,00	2,5/8,5	00904	BRGE	LI	NBR
40,1	52,00	3,5/9,0	00979	BRGE	LI	NBR
43,4	56,00	1,6/9,0	01943	BAGEP	H	ACM
44,0	65,00	2,5/12,2	01918	BRGE	LI	NBR
44,8	61,30	2,7/12,0	00097	BRE	LI	NBR
45,0	58,25	5,0/18,0	01289	GRE	LI	NBR
46,0	65,50	7,0/8,5	01764	BAGG	LI	NBR
46,3	66,60	0,8/6,7	02305	BAG	BI	NBR
47,0	63,00	5,6/11,2	02581	GAE <sup>(64)</sup>	LI	NBR
47,6	68,00	14,0	02516	BRGEP	LI	ACM
47,6	68,00	0,9/10,4	02960	BAGEP <sup>(60)</sup>	H	ACM
49,2	63,50	1,5/7,4	01881	GOE	LI	NBR
50,0	110,15	3,0/23,0	02435	GRG	LI	NBR
50,8	58,80	3,6/4,6	02819	GAE <sup>(62)</sup>	LI	NBR
68,3	85,55	5,3/14,8	00177	GE	LI	NBR

Tipos Especiais

**Grupo**  
**L**

**Retenores Integrados**

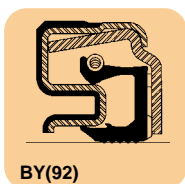
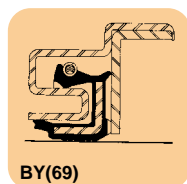
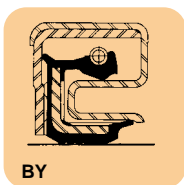
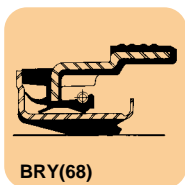
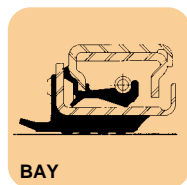


Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retenor	Número Sabó	Tipo	Orientação	Material do Lábio
40,0	70,00	13,0/20,0	<b>07481</b>	BRABGEF	BI	FPM/ACM
47,8	68,00	0,9/14,0	<b>02516</b>	BRGEP <sup>(66)</sup>	H	ACM
57,2	82,60	0,9/14,0	<b>02512</b>	BRGE <sup>(67)</sup>	AH	NBR/ACM
60,3	92,00	2,5/14,0	<b>02561</b>	BRGEP	H	ACM
63,5	98,45	3,0/15,0	<b>02686</b>	BRGEP <sup>(67)</sup>	H	ACM
69,8	98,40	2,5/11,5	<b>02562</b>	BRGEP	H	ACM
76,3	125,35	3,0/19,5	<b>02687</b>	BRGEP <sup>(67)</sup>	H	ACM

**Tipos Especiais**



**Retentores com Pista Própria**

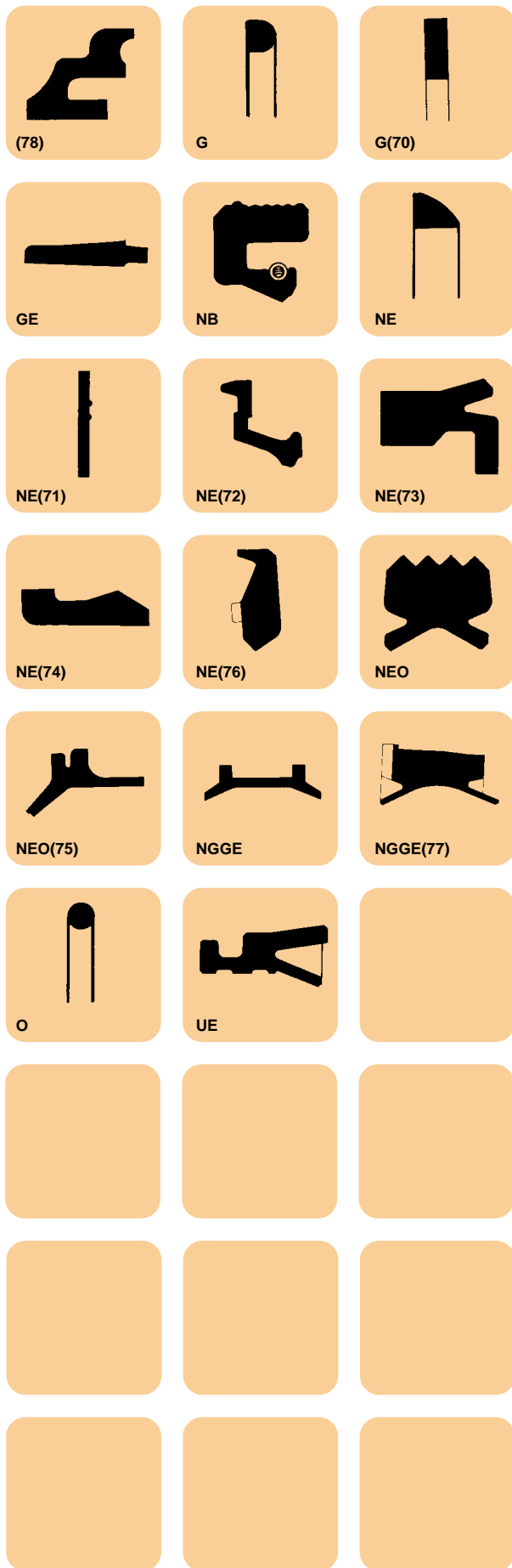


Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Número Sabó	Tipo	Orientação	Material do Lábio
30,0	52,00	10,0	<b>02744</b>	GY	LI	NBR
40,0	69,00	15,4	<b>07217</b>	BY	BI	NBR
59,9	85,40	22,9	<b>02874</b>	BAY	BI	NBR
82,5	114,30	12,7	<b>07375</b>	BY	BI	NBR
82,5	114,30	12,7	<b>07439</b>	BYF	BI	FPM
82,5	114,30	12,7	<b>01923</b>	BY	BI	NBR
98,4	144,54	16,0	<b>02485</b>	BY	BI	NBR
98,4	144,00	16,0	<b>07416</b>	BY	BI	NBR
106,5	140,00	15,0	<b>02894</b>	BY	BI	NBR
121,1	160,00	35,0	<b>07340</b>	BAYF	BI	FPM
121,1	160,20	35,0	<b>02713</b>	BRV	BI	NBR
127,0	158,75	16,0	<b>02496</b>	BY	BI	NBR
142,8	182,50	24,0	<b>02490</b>	BY <sup>(69)</sup>	BI	NBR

**Tipos Especiais**

Grupo  
**N**

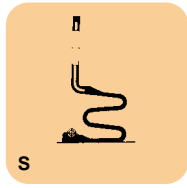
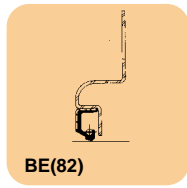
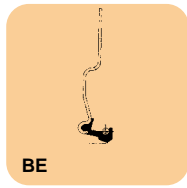
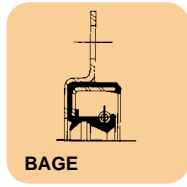
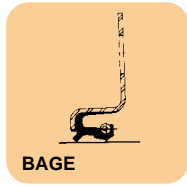
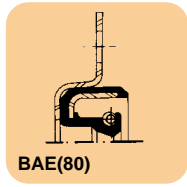
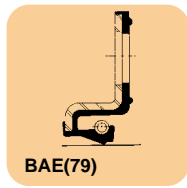
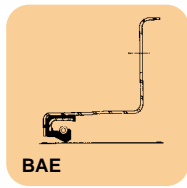
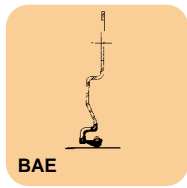
Só Borracha



Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Número Sabô	Tipo	Orientação	Material do Lábio
-	69,80	3,0	20163	NE <sup>(71)</sup>	LI	NBR
4,0	12,00	8,0	20172	NE <sup>(73)</sup>	LI	NBR
4,0	10,50	3,2	20072	G	LI	NBR
7,2	19,25	3,0	20148	G <sup>(70)</sup>	LI	NBR
13,2	29,25	3,0	20147	G <sup>(70)</sup>	LI	NBR
17,0	21,50	15,0	20205	NEF <sup>(74)</sup>	LI	FPM
17,5	25,00	4,8	20063	G <sup>(70)</sup>	LI	NBR
19,7	31,75	18,0	20145	GE	LI	NBR
22,9	34,80	26,7	20144	G	LI	NBR
24,3	39,50	9,2	00524	NEO	LI	NBR
31,4	49,53	16,8	03232	NE	LI	CR
33,0	44,50	5,3	02011	NEF	LI	FPM
47,0	56,75	14,0	01891	NEO <sup>(75)</sup>	LI	NBR
157,0	170,30	19,5	20210	UE	LI	NBR

**Grupo 0**

**Retentores Fixados por Parafusos**



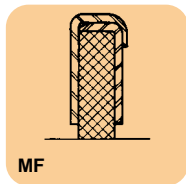
Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Número Sabó	Tipo	Orientação	Material do Lábio
19,0	50,80	1,7/7,7	<b>02716</b>	BAEF <sup>(70)</sup>	LI	FPM
50,8	115,90	14,3	<b>00039</b>	BAGE	LI	NBR
50,8	116,02	16,2	<b>01595</b>	BAGE	LI	NBR
52,0	114,00	13,0	<b>01794</b>	BAGE <sup>(80)</sup>	LI	NBR
58,0	120,00	12,8	<b>01795</b>	BAGE <sup>(80)</sup>	LI	NBR
60,3	149,40	8,3	<b>02098</b>	BAE	BI	NBR
60,3	155,50	7,4	<b>02333</b>	BAE	BI	NBR
60,5	149,40	11,5	<b>01028</b>	BE	LI	NBR
63,6	155,60	12,0	<b>02033</b>	BAE	BI	NBR
79,0	210,00	25,4	<b>00461</b>	BE <sup>(82)</sup>	LI	NBR
93,0	157,00	7,4	<b>02299</b>	BAGE <sup>(81)</sup>	LI	NBR
150,8	229,40	28,6	<b>02044</b>	BAGE	BI	NBR
190,5	285,80	48,7	<b>02065</b>	BAE	BI	NBR

**Tipos Especiais**

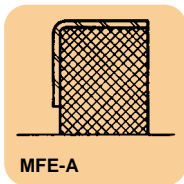


Grupo  
**P**

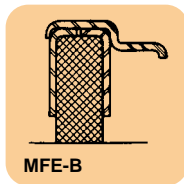
**Retentores de Metal e Ferro**



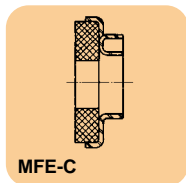
MF



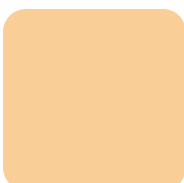
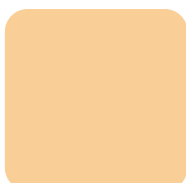
MFE-A



MFE-B



MFE-C

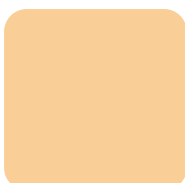
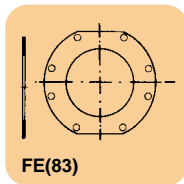
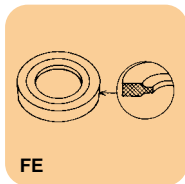
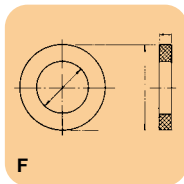


Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Número Sabó	Tipo	Figura	Material do Lábio
19,0	26,80	6,0	<b>01692</b>	MFE	A	Metal/ Feltro
25,4	-	6,5/10,0	<b>01651</b>	MFE	C	Metal/ Feltro
44,5	66,60	12,7	<b>01913</b>	MF	-	Metal/ Feltro
60,0	75,00	5,0	<b>01821</b>	MFE	A	Metal/ Feltro
62,7	84,05	8,0/12,7	<b>00096</b>	MFE	B	Metal/ Feltro

**Tipos Especiais**

Grupo  
**Q**

**Retentores de Feltro**

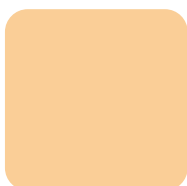
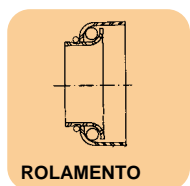
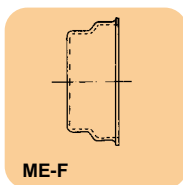
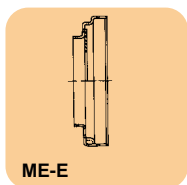
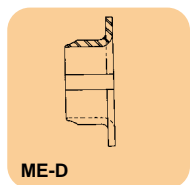
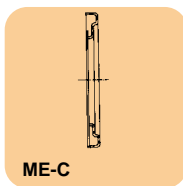
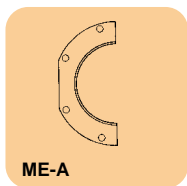
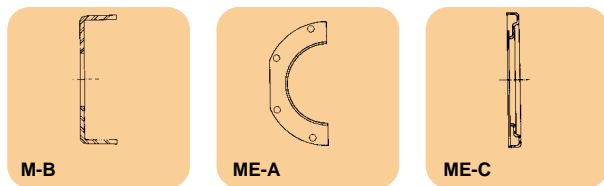


Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Número Sabó	Tipo	Orientação	Material do Lábio
17,5	-	3,2	<b>01402</b>	F	-	Feltro
23,6	38,10	9,6	<b>00287</b>	GF	-	Feltro
26,1	36,07	8,0	<b>00757</b>	F	-	Feltro
31,0	45,20	6,4	<b>01680</b>	F	-	Feltro
42,0	-	10,0	<b>01534</b>	F	-	Feltro
45,0	58,00	6,0	<b>00860</b>	F	-	Feltro
58,4	-	10,2	<b>01104</b>	FE	-	Feltro
60,0	77,00	7,0	<b>00858</b>	F	-	Feltro
104,8	-	3,2	<b>01632</b>	FE <sup>(83)</sup>	-	Feltro

**Tipos Especiais**

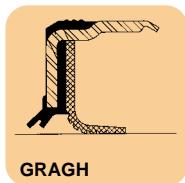
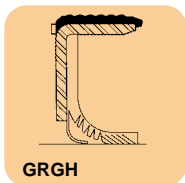
Grupo  
**R**

**Retenores Estampados**



Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Número Sabó	Tipo	Figura	Material do Lábio
28,5	30,70	6,5	<b>10141</b>	ME	D	Estamp.
46,0	51,70	20,0	<b>10026</b>	ME	C	Estamp.
57,3	90,10	7,5	<b>10131</b>	ME	C	Estamp.
111,3	174,50	4,0	<b>01633</b>	ME	A	Estamp.
114,0	174,40	16,0	<b>01466*</b>	MFBE	-	Estamp.

\* 01466 MFBE – Conjunto composto de:  
 (1) 01132 GR  
 (2) 01632 FE  
 (3) 01633 ME

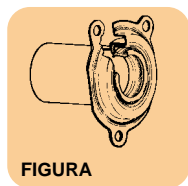
**Retentores em PTFE****GHSI****GRAGH****GRGH**

Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Número Sabó	Tipo	Orientação	Material do Lábio
40,0	62,00	7,4	05199	GRGH	H	ACM/PTFE
59,3	76,20	8,3	05229	GRAGGH	H	ACM/PTFE
104,0	128,00	11,0/14,0	05278	GHSI	AH	ACM/PTFE
110,0	130,00	9,3	05230	GRAGH	AH	ACM/PTFE
130,0	150,00	12,0	05287	GRGH	AH	ACM/PTFE

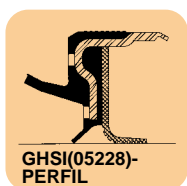
**Tipos Especiais**

**Grupo**  
**T**

**Sistema de Vedação**



FIGURA



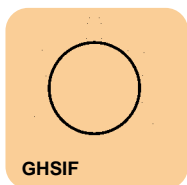
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PERFIL



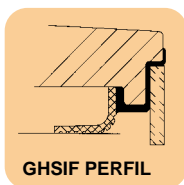
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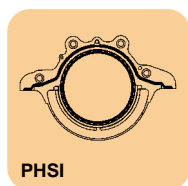
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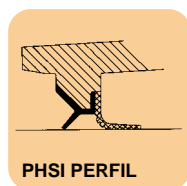
GHSIF



GHSIF PERFIL



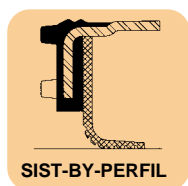
PHSI



PHSI PERFIL



SIST-BY



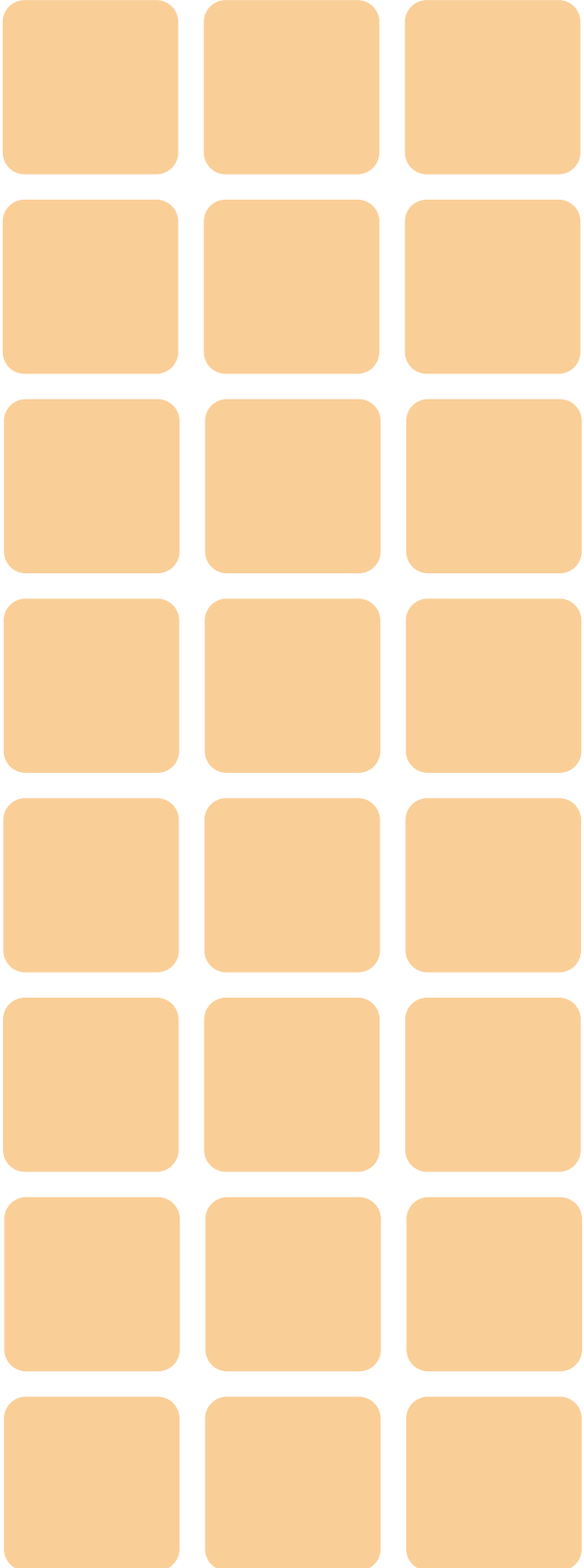
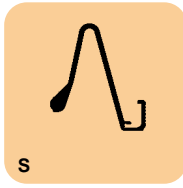
SIST-BY-PERFIL



Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Número Sabô	Tipo	Orientação	Material do Lábio
21,8	-	48,4	02952	BAGEP	H	ACM
21,8	-	48,4	07240	BAGEP	H	ACM
28,0	-	54,5	07148	BRAGEP	H	ACM
79,0	-	21,0	05338	PHSI	AH	PTFE
85,0	-	13,0	05502	GHSI	AH	ACM/ PTFE
85,0	-	13,0	05210	GHSI	AH	ACM/ PTFE
103,0	128,00	14,0	05228	GHSI	AH	ACM/ PTFE
99,5	108,00	19,0	05239	GHSIF	AH	ACM/ PTFE
39,9	68,90	15,4	07300	SIST. BY	BI	NBR



**Retentores Tipo "S"**



Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Número Sabó	Tipo	Orientação	Material do Lábio
14,2	50,70	10,7/46,1	<b>02020</b>	S	LI	NBR
17,5	50,00	21,5	<b>07266</b>	S	LI	NBR
17,5	50,00	21,5	<b>07679</b>	S	LI	NBR
21,9	52,80	2,0/21,6	<b>10416</b>	S	LI	CR
30,0	111,00	20,7	<b>10413</b>	S	LI	NBR

