

# Rodas e Rodizios



**Fevereiro  
2021**





# ÍNDICE

Borracha Preta com Núcleo Termoplástico

4

Rodízios Poliamida

7

Poliamida + Poliuretano

11

Temperaturas

16

Mobiliário

17

# BORRACHA PRETA COM NÚCLEO TERMOPLÁSTICO



Tipo **BP** - com ou sem rolamento

| GIRATÓRIO |      |     |         |        |    |    |     |
|-----------|------|-----|---------|--------|----|----|-----|
|           |      |     |         |        |    |    |     |
| 80        | 25   | 106 | 105*85  | 80*60  | 8  | 33 | 50  |
| 100       | 30   | 128 | 105*85  | 80*60  | 8  | 37 | 75  |
| 125       | 37,5 | 154 | 105*85  | 80*60  | 8  | 40 | 90  |
| 125       | 37,5 | 160 | 135*110 | 105*80 | 10 | 49 | 100 |
| 140       | 37,5 | 179 | 135*110 | 105*80 | 10 | 47 | 130 |
| 160       | 40   | 191 | 135*110 | 105*80 | 10 | 51 | 135 |
| 180       | 45   | 218 | 135*110 | 105*80 | 10 | 57 | 170 |
| 200       | 50   | 240 | 135*110 | 105*80 | 10 | 59 | 205 |

F1



| Ø    | 80         | 100        | 125        | 140        | 160        | 180        | 200        |
|------|------------|------------|------------|------------|------------|------------|------------|
| COD. | 450.998104 | 450.998107 | 450.998110 | 450.998114 | 450.998116 | 450.998119 | 450.998122 |

F3



| Ø    | 80         | 100        | 125        | 160        | 180        | 200        |
|------|------------|------------|------------|------------|------------|------------|
| COD. | 450.998105 | 450.998108 | 450.998111 | 450.998117 | 450.998120 | 450.998123 |

F4



| Ø    | 80         | 080 EC     | 100        | 100 EC     | 125        | 125L       | 125 EC     |
|------|------------|------------|------------|------------|------------|------------|------------|
| COD. | 450.998106 | 450.990016 | 450.998109 | 450.990017 | 450.998113 | 450.998112 | 450.990018 |

| Ø    | 140        | 160        | 160 EC     | 180        | 200        | 200 EC     |
|------|------------|------------|------------|------------|------------|------------|
| COD. | 450.998115 | 450.998118 | 450.990019 | 450.998121 | 450.998124 | 450.990020 |

# BORRACHA PRETA COM NÚCLEO TERMOPLÁSTICO



**Tipo BP** - com ou sem rolamento

| FIXO |      |     |         |        |    |    |     |
|------|------|-----|---------|--------|----|----|-----|
|      |      |     |         |        |    |    |     |
| 80   | 25   | 106 | 105*85  | 80*60  | 8  | 33 | 50  |
| 100  | 30   | 128 | 105*85  | 80*60  | 8  | 37 | 75  |
| 125  | 37,5 | 154 | 105*85  | 80*60  | 8  | 40 | 90  |
| 125  | 37,5 | 160 | 135*110 | 105*80 | 10 | 49 | 100 |
| 140  | 37,5 | 179 | 135*110 | 105*80 | 10 | 47 | 130 |
| 160  | 40   | 191 | 135*110 | 105*80 | 10 | 51 | 135 |
| 180  | 45   | 218 | 135*110 | 105*80 | 10 | 57 | 170 |
| 200  | 50   | 240 | 135*110 | 105*80 | 10 | 59 | 205 |

**F4**



| Ø    | 80         | 080 EC     | 100        | 100 EC     | 125        | 125L       | 125 EC     |
|------|------------|------------|------------|------------|------------|------------|------------|
| COD. | 450.998125 | 450.990021 | 450.998126 | 450.990022 | 450.998127 | 450.998162 | 450.990023 |

| Ø    | 140        | 150        | 160        | 160 EC     | 180        | 200        | 200 EC     |
|------|------------|------------|------------|------------|------------|------------|------------|
| COD. | 450.998128 | 450.999423 | 450.998129 | 450.990024 | 450.998130 | 450.998131 | 450.990025 |

# BORRACHA PRETA COM NÚCLEO TERMOPLÁSTICO



**Tipo BP** - com ou sem rolamento

| TRAVÃO |      |     |         |        |    |    |     |
|--------|------|-----|---------|--------|----|----|-----|
|        |      |     |         |        |    |    |     |
| 80     | 25   | 106 | 105*85  | 80*60  | 8  | 33 | 50  |
| 100    | 30   | 128 | 105*85  | 80*60  | 8  | 37 | 75  |
| 125    | 37,5 | 154 | 105*85  | 80*60  | 8  | 40 | 90  |
| 125    | 37,5 | 160 | 135*110 | 105*80 | 10 | 49 | 100 |
| 140    | 37,5 | 179 | 135*110 | 105*80 | 10 | 47 | 130 |
| 160    | 40   | 191 | 135*110 | 105*80 | 10 | 51 | 135 |
| 180    | 45   | 218 | 135*110 | 105*80 | 10 | 57 | 170 |
| 200    | 50   | 240 | 135*110 | 105*80 | 10 | 59 | 205 |

**F1**



| Ø    | 80         | 100        |
|------|------------|------------|
| COD. | 450.998314 | 450.998211 |

**F4**

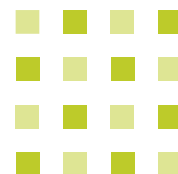


| Ø    | 080        | 080 EC     | 100        | 100 EC     | 125        | 125L       | 125 EC     |
|------|------------|------------|------------|------------|------------|------------|------------|
| COD. | 450.998132 | 450.990026 | 450.998138 | 450.990027 | 450.998140 | 450.998139 | 450.990028 |

| Ø    | 140        | 150        | 160        | 160 EC     | 180        | 200        | 200 EC     |
|------|------------|------------|------------|------------|------------|------------|------------|
| COD. | 450.998141 | 450.999424 | 450.998142 | 450.990029 | 450.998143 | 450.998144 | 450.990030 |

# RODÍZIOS POLIAMIDA



**Tipo PN** - com ou sem rolamento

| GIRATÓRIO |    |     |         |        |    |    |     |
|-----------|----|-----|---------|--------|----|----|-----|
|           |    |     |         |        |    |    |     |
| 80        | 25 | 105 | 102*83  | 80*60  | 9  | 35 | 140 |
| 100       | 30 | 125 | 102*83  | 80*60  | 9  | 37 | 170 |
| 125       | 30 | 153 | 102*83  | 80*60  | 9  | 40 | 170 |
| 125       | 40 | 160 | 135*110 | 105*80 | 10 | 49 | 200 |
| 150       | 40 | 181 | 135*110 | 105*80 | 11 | 51 | 225 |
| 175       | 45 | 218 | 135*110 | 105*80 | 11 | 57 | 225 |
| 200       | 50 | 240 | 135*110 | 105*80 | 11 | 59 | 250 |

**F1**



| Ø    | 60         | 60 Inox    | 80         | 080 EC     | 80 Inox    | 100        | 100 Inox   |
|------|------------|------------|------------|------------|------------|------------|------------|
| COD. | 450.998308 | 450.997279 | 450.998069 | 450.990208 | 450.997210 | 450.998072 | 450.997212 |

| Ø    | 125        | 125 Inox   | 150        | 150 Inox   | 175 Inox   | 200 Inox   |
|------|------------|------------|------------|------------|------------|------------|
| COD. | 450.998075 | 450.997214 | 450.998078 | 450.997216 | 450.997218 | 450.998075 |

**F3**



| Ø    | 80         | 100        | 125        | 150        |
|------|------------|------------|------------|------------|
| COD. | 450.998070 | 450.998073 | 450.998076 | 450.998079 |

**F4**



| Ø    | 60         | 60 Inox    | 80         | 80 Inox    | 080 EC     | 080 EC Inox | 100        |
|------|------------|------------|------------|------------|------------|-------------|------------|
| COD. | 450.998180 | 450.997403 | 450.998071 | 450.997211 | 450.990001 | 450.990076  | 450.998074 |

| Ø    | 100 Inox   | 100 EC     | 100 EC Inox | 100 Cinza  | 125        | 125 Inox   | 125 EC     |
|------|------------|------------|-------------|------------|------------|------------|------------|
| COD. | 450.997213 | 450.990002 | 450.990077  | 450.990102 | 450.998077 | 450.997215 | 450.990003 |

| Ø    | 125 EC Cinza | 125L       | 125L EC    | 150 Inox   | 150 EC     | 175 Inox   | 200 Inox   |
|------|--------------|------------|------------|------------|------------|------------|------------|
| COD. | 450.990078   | 450.998151 | 450.990073 | 450.997217 | 450.990004 | 450.997219 | 450.997221 |

# RODÍZIOS POLIAMIDA



**Tipo PN** - com ou sem rolamento

| FIXO |    |     |         |        |    |    |     |
|------|----|-----|---------|--------|----|----|-----|
|      |    |     |         |        |    |    |     |
| 80   | 25 | 105 | 102*83  | 80*60  | 9  | 35 | 140 |
| 100  | 30 | 125 | 102*83  | 80*60  | 9  | 37 | 170 |
| 125  | 30 | 153 | 102*83  | 80*60  | 9  | 40 | 170 |
| 125  | 40 | 160 | 135*110 | 105*80 | 10 | 49 | 200 |
| 150  | 40 | 181 | 135*110 | 105*80 | 11 | 51 | 225 |
| 175  | 45 | 218 | 135*110 | 105*80 | 11 | 57 | 225 |
| 200  | 50 | 240 | 135*110 | 105*80 | 11 | 59 | 250 |

| Ø    | 60         | 60 Inox    | 80         | 80 Inox    | 080 EC     | 100        | 100 Inox   |
|------|------------|------------|------------|------------|------------|------------|------------|
| COD. | 450.998282 | 450.997405 | 450.998084 | 450.997222 | 450.990006 | 450.998085 | 450.997223 |

| Ø    | 100 EC     | 100 EC Inox | 125        | 125 Inox   | 125L       | 125L EC    | 125 EC     |
|------|------------|-------------|------------|------------|------------|------------|------------|
| COD. | 450.990007 | 450.990080  | 450.998086 | 450.997224 | 450.998167 | 450.990074 | 450.990008 |

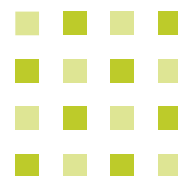
| Ø    | 125 EC Inox | 150        | 150 Inox   | 150 EC     | 175 Inox   | 200        | 200 Inox   |
|------|-------------|------------|------------|------------|------------|------------|------------|
| COD. | 450.990081  | 450.998087 | 450.997225 | 450.990009 | 450.997226 | 450.998088 | 450.997227 |

| Ø    | 200 EC     | 200 Borracha Cinza |
|------|------------|--------------------|
| COD. | 450.990010 | 450.997326         |

**F4**



# RODÍZIOS POLIAMIDA



**Tipo PN** - com ou sem rolamento

| TRAVÃO |    |     |         |        |    |    |     |
|--------|----|-----|---------|--------|----|----|-----|
|        |    |     |         |        |    |    |     |
| 80     | 25 | 105 | 102*83  | 80*60  | 9  | 35 | 140 |
| 100    | 30 | 125 | 102*83  | 80*60  | 9  | 37 | 170 |
| 125    | 30 | 153 | 102*83  | 80*60  | 9  | 40 | 170 |
| 125    | 40 | 160 | 135*110 | 105*80 | 10 | 49 | 200 |
| 150    | 40 | 181 | 135*110 | 105*80 | 11 | 51 | 225 |
| 175    | 45 | 218 | 135*110 | 105*80 | 11 | 57 | 225 |
| 200    | 50 | 240 | 135*110 | 105*80 | 11 | 59 | 250 |

**F1**



| Ø    | 60 Inox    | 80         | 80 Inox    | 100 PN     | 100 PN Inox | 100 PNN    | 125        |
|------|------------|------------|------------|------------|-------------|------------|------------|
| COD. | 450.997369 | 450.998089 | 450.997228 | 450.998092 | 450.997230  | 450.998197 | 450.998095 |

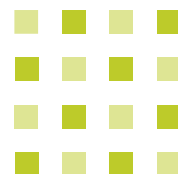
| Ø    | 125 Inox   | 150        | 150 Inox   | 175 Inox   | 200        | 200 Inox   |
|------|------------|------------|------------|------------|------------|------------|
| COD. | 450.997232 | 450.998098 | 450.997234 | 450.997236 | 450.998101 | 450.997238 |

**F3**



| Ø    | 80         | 100        | 125        | 150        | 200        |
|------|------------|------------|------------|------------|------------|
| COD. | 450.998090 | 450.998093 | 450.998096 | 450.998099 | 450.998102 |

# RODÍZIOS POLIAMIDA



**Tipo PN** - com ou sem rolamento

| TRAVÃO |    |     |         |        |    |    |     |
|--------|----|-----|---------|--------|----|----|-----|
|        |    |     |         |        |    |    |     |
| 80     | 25 | 105 | 102*83  | 80*60  | 9  | 35 | 140 |
| 100    | 30 | 125 | 102*83  | 80*60  | 9  | 37 | 170 |
| 125    | 30 | 153 | 102*83  | 80*60  | 9  | 40 | 170 |
| 125    | 40 | 160 | 135*110 | 105*80 | 10 | 49 | 200 |
| 150    | 40 | 181 | 135*110 | 105*80 | 11 | 51 | 225 |
| 175    | 45 | 218 | 135*110 | 105*80 | 11 | 57 | 225 |
| 200    | 50 | 240 | 135*110 | 105*80 | 11 | 59 | 250 |

**F4**



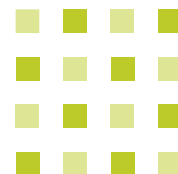
| Ø    | 60         | 60 Inox    | 80         | 80 Inox    | 080 EC     | 080 EC Inox | 80 120KG   |
|------|------------|------------|------------|------------|------------|-------------|------------|
| COD. | 450.998181 | 450.997404 | 450.998091 | 450.997229 | 450.990011 | 450.990082  | 450.997372 |

| Ø    | 100 PN     | 100 PN Inox | 100 PNN    | 100 EC     | 100 EC Inox | 100 Cinza  | 125        |
|------|------------|-------------|------------|------------|-------------|------------|------------|
| COD. | 450.998094 | 450.997231  | 450.998201 | 450.990012 | 450.990083  | 450.990103 | 450.998097 |

| Ø    | 125 Inox   | 125 EC     | 125 EC Inox | 125L       | 125L EC    | 125x40 Inox | 150 PNA    |
|------|------------|------------|-------------|------------|------------|-------------|------------|
| COD. | 450.997233 | 450.990013 | 450.990084  | 450.998152 | 450.990075 | 450.997399  | 450.990014 |

| Ø    | 150 PN Inox | 150 PNR    | 175 Inox   | 175 Inox   | 200 PNA    | 200 Inox   | 200 PNR    |
|------|-------------|------------|------------|------------|------------|------------|------------|
| COD. | 450.997235  | 450.998100 | 450.999236 | 450.997237 | 450.990015 | 450.997239 | 450.998103 |

# POLIAMIDA + POLIURETANO



Tipo NPU - com ou sem rolamento

| GIRATÓRIO |    |     |         |        |   |    |     |
|-----------|----|-----|---------|--------|---|----|-----|
|           |    |     |         |        |   |    |     |
| 80        | 25 | 105 | 102*83  | 80*60  | 9 | 33 | 140 |
| 100       | 30 | 128 | 102*83  | 80*60  | 9 | 37 | 170 |
| 125       | 30 | 154 | 102*83  | 80*60  | 9 | 40 | 170 |
| 125       | 40 | 160 | 135*110 | 105*80 | 9 | 49 | 200 |
| 150       | 40 | 181 | 135*110 | 105*80 | 9 | 51 | 225 |
| 175       | 45 | 218 | 135*110 | 105*80 | 9 | 57 | 225 |
| 200       | 50 | 240 | 135*110 | 105*80 | 9 | 59 | 250 |

F1



| Ø    | 80         | 80 Inox    | 100        | 100 Inox   | 100 EC     | 125        | 125 Inox   |
|------|------------|------------|------------|------------|------------|------------|------------|
| COD. | 450.997001 | 450.997240 | 450.997006 | 450.997242 | 450.990117 | 450.997010 | 450.997244 |

| Ø    | 150        | 150 Inox   | 150 Inox   | 150 x 40   | 175 Especial | 175 Especial<br>Inox | 200        |
|------|------------|------------|------------|------------|--------------|----------------------|------------|
| COD. | 450.997014 | 450.997246 | 450.997432 | 450.997366 | 450.997018   | 450.997248           | 450.997022 |

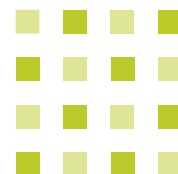
| Ø    | 200 Inox   |
|------|------------|
| COD. | 450.997250 |

F2



| Ø    | 80         | 100        | 125        | 150        | 175 Especial | 200        |
|------|------------|------------|------------|------------|--------------|------------|
| COD. | 450.997002 | 450.997007 | 450.997011 | 450.997015 | 450.997019   | 450.997023 |

# POLIAMIDA + POLIURETANO



Tipo NPU - com ou sem rolamento

| GIRATÓRIO |    |     |         |        |   |    |     |
|-----------|----|-----|---------|--------|---|----|-----|
|           |    |     |         |        |   |    |     |
| 80        | 25 | 105 | 102*83  | 80*60  | 9 | 33 | 140 |
| 100       | 30 | 128 | 102*83  | 80*60  | 9 | 37 | 170 |
| 125       | 30 | 154 | 102*83  | 80*60  | 9 | 40 | 170 |
| 125       | 40 | 160 | 135*110 | 105*80 | 9 | 49 | 200 |
| 150       | 40 | 181 | 135*110 | 105*80 | 9 | 51 | 225 |
| 175       | 45 | 218 | 135*110 | 105*80 | 9 | 57 | 225 |
| 200       | 50 | 240 | 135*110 | 105*80 | 9 | 59 | 250 |

F3



| Ø    | 80         | 100        | 125        | 125x30     | 150        | 175 Especial | 200        |
|------|------------|------------|------------|------------|------------|--------------|------------|
| COD. | 450.997003 | 450.997008 | 450.997012 | 450.997378 | 450.997016 | 450.997020   | 450.997024 |

F4



| Ø    | 80         | 80 Inox    | 080 EC     | 80 EC Inox | 100        | 100 Inox   | 100 EC     |
|------|------------|------------|------------|------------|------------|------------|------------|
| COD. | 450.997004 | 450.997241 | 450.990086 | 450.990220 | 450.997009 | 450.997243 | 450.990087 |

| Ø    | 100 EC Inox | 100 Anti-Estatico | 100 NPUR-AS<br>Inox | 125        | 125 Inox   | 125 NPUR-AS<br>Inox | 125 EC     |
|------|-------------|-------------------|---------------------|------------|------------|---------------------|------------|
| COD. | 450.990204  | 450.997408        | 450.997270          | 450.997013 | 450.997245 | 450.997273          | 450.990088 |

| Ø    | 150        | 150 Inox   | 150 NPUR-AS<br>Inox | 160 EC     | 175 Especial | 175 Especial<br>Inox | 200        |
|------|------------|------------|---------------------|------------|--------------|----------------------|------------|
| COD. | 450.997017 | 450.997247 | 450.997276          | 450.990089 | 450.997021   | 450.997249           | 450.997025 |

| Ø    | 200 Inox   | 200 EC     |
|------|------------|------------|
| COD. | 450.997251 | 450.990090 |

# POLIAMIDA + POLIURETANO



**Tipo NPU** - com ou sem rolamento

| FIXO |    |     |         |        |   |    |     |
|------|----|-----|---------|--------|---|----|-----|
|      |    |     |         |        |   |    |     |
| 80   | 25 | 105 | 102*83  | 80*60  | 9 | 33 | 140 |
| 100  | 30 | 128 | 102*83  | 80*60  | 9 | 37 | 170 |
| 125  | 30 | 154 | 102*83  | 80*60  | 9 | 40 | 170 |
| 125  | 40 | 160 | 135*110 | 105*80 | 9 | 49 | 200 |
| 150  | 40 | 181 | 135*110 | 105*80 | 9 | 51 | 225 |
| 175  | 45 | 218 | 135*110 | 105*80 | 9 | 57 | 225 |
| 200  | 50 | 240 | 135*110 | 105*80 | 9 | 59 | 250 |

**F4**



| Ø    | 80         | 80 Inox    | 080 EC     | 100        | 100 Inox   | 100 EC     | 100 EC Inox |
|------|------------|------------|------------|------------|------------|------------|-------------|
| COD. | 450.997026 | 450.997252 | 450.990091 | 450.997027 | 450.997253 | 450.990092 | 450.990205  |

| Ø    | 100 Anti-Estatico | 100 <sup>NPUR-AS</sup><br>Inox | 125        | 125 Inox   | 125 <sup>NPUR-AS</sup><br>Inox | 125 EC     | 150        |
|------|-------------------|--------------------------------|------------|------------|--------------------------------|------------|------------|
| COD. | 450.997409        | 450.997271                     | 450.997028 | 450.997254 | 450.997274                     | 450.990093 | 450.997029 |

| Ø    | 150 Inox   | 150 Inox   | 150 <sup>NPUR-AS</sup><br>Inox | 150x40 Inox | 160        | 175 Especial | 175 <sup>Especial</sup><br>Inox |
|------|------------|------------|--------------------------------|-------------|------------|--------------|---------------------------------|
| COD. | 450.997255 | 450.997433 | 450.997277                     | 450.999279  | 450.990094 | 450.997030   | 450.997256                      |

| Ø    | 200        | 200 Inox   | 200 EC     |
|------|------------|------------|------------|
| COD. | 450.997031 | 450.999257 | 450.990095 |

# POLIAMIDA + POLIURETANO



**Tipo NPU** - com ou sem rolamento

| TRAVÃO |    |     |         |        |   |    |     |
|--------|----|-----|---------|--------|---|----|-----|
|        |    |     |         |        |   |    |     |
| 80     | 25 | 105 | 102*83  | 80*60  | 9 | 33 | 140 |
| 100    | 30 | 128 | 102*83  | 80*60  | 9 | 37 | 170 |
| 125    | 30 | 154 | 102*83  | 80*60  | 9 | 40 | 170 |
| 125    | 40 | 160 | 135*110 | 105*80 | 9 | 49 | 200 |
| 150    | 40 | 181 | 135*110 | 105*80 | 9 | 51 | 225 |
| 175    | 45 | 218 | 135*110 | 105*80 | 9 | 57 | 225 |
| 200    | 50 | 240 | 135*110 | 105*80 | 9 | 59 | 250 |

**F1**



| Ø    | 80         | 80 Inox    | 080 EC Inox | 100        | 100 Inox   | 100 EC     | 125        |
|------|------------|------------|-------------|------------|------------|------------|------------|
| COD. | 450.997036 | 450.997258 | 450.990203  | 450.997040 | 450.997260 | 450.990118 | 450.997044 |

| Ø    | 125 Inox   | 150        | 150 Inox   | 150 x 40   | 175 Especial | 175 Especial<br>Inox | 200        |
|------|------------|------------|------------|------------|--------------|----------------------|------------|
| COD. | 450.997262 | 450.997048 | 450.997264 | 450.997367 | 450.997052   | 450.997266           | 450.997056 |

| Ø    | 200 Inox   |
|------|------------|
| COD. | 450.997268 |

**F2**



| Ø    | 80         | 100        | 125        | 150        | 175 Especial | 200        |
|------|------------|------------|------------|------------|--------------|------------|
| COD. | 450.997037 | 450.997041 | 450.997045 | 450.997049 | 450.997053   | 450.997057 |

## POLIAMIDA + POLIURETANO



Tipo NPU - com ou sem rolamento

| TRAVÃO |    |     |         |        |   |    |     |
|--------|----|-----|---------|--------|---|----|-----|
|        |    |     |         |        |   |    |     |
| 80     | 25 | 105 | 102*83  | 80*60  | 9 | 33 | 140 |
| 100    | 30 | 128 | 102*83  | 80*60  | 9 | 37 | 170 |
| 125    | 30 | 154 | 102*83  | 80*60  | 9 | 40 | 170 |
| 125    | 40 | 160 | 135*110 | 105*80 | 9 | 49 | 200 |
| 150    | 40 | 181 | 135*110 | 105*80 | 9 | 51 | 225 |
| 175    | 45 | 218 | 135*110 | 105*80 | 9 | 57 | 225 |
| 200    | 50 | 240 | 135*110 | 105*80 | 9 | 59 | 250 |

F3



| Ø    | 80         | 100        | 125        | 150        | 175 Especial | 200        |
|------|------------|------------|------------|------------|--------------|------------|
| COD. | 450.997038 | 450.997042 | 450.997046 | 450.997050 | 450.997054   | 450.997058 |

| Ø    | 80         | 80 Inox    | 080 EC     | 080 EC Inox | 100        | 100 Inox   | 100 EC     |
|------|------------|------------|------------|-------------|------------|------------|------------|
| COD. | 450.997039 | 450.997259 | 450.990096 | 450.990212  | 450.997043 | 450.997261 | 450.990097 |

F4



| Ø    | 100 EC Inox | 100 <sup>NPUR-AS</sup><br>Inox | 125        | 125 Inox   | 125 EC     | 125 <sup>NPUR-AS</sup><br>Inox | 125x40     |
|------|-------------|--------------------------------|------------|------------|------------|--------------------------------|------------|
| COD. | 450.990206  | 450.997272                     | 450.997047 | 450.997263 | 450.990098 | 450.997275                     | 450.997340 |

| Ø    | 150        | 150 Inox   | 150 <sup>NPUR-AS</sup><br>Inox | 160 EC     | 175 Especial | 175 <sup>Especial</sup><br>Inox | 200        |
|------|------------|------------|--------------------------------|------------|--------------|---------------------------------|------------|
| COD. | 450.997051 | 450.997265 | 450.997278                     | 450.990099 | 450.997055   | 450.997267                      | 450.997059 |

| Ø    | 200 Inox   | 200 EC     |
|------|------------|------------|
| COD. | 450.997269 | 450.990100 |

# TEMPERATURAS



Tipo FS

| GIRATÓRIO |      |     |         |        |    |    |     |
|-----------|------|-----|---------|--------|----|----|-----|
|           |      |     |         |        |    |    |     |
| 80        | 25   | 105 | 102*83  | 80*60  | 8  | 33 | 120 |
| 100       | 30   | 128 | 102*83  | 80*60  | 8  | 37 | 120 |
| 125       | 37,5 | 154 | 102*83  | 80*60  | 8  | 40 | 170 |
| 125       | 37,5 | 160 | 135*110 | 105*80 | 10 | 49 | 200 |
| 150       | 40   | 191 | 135*110 | 105*80 | 10 | 51 | 300 |
| 200       | 50   | 240 | 135*110 | 105*80 | 10 | 59 | 300 |

## F1



| Ø    | 80         | 100        |
|------|------------|------------|
| COD. | 450.999298 | 450.997280 |

## F4



| Ø    | 080 Inox   | 080 EC     | 100 Inox   | 100 EC     | 125 Inox   |
|------|------------|------------|------------|------------|------------|
| COD. | 450.997332 | 450.990059 | 450.997295 | 450.990061 | 450.997335 |



**Tipo EBC** - com ou sem rolamento

| GIRATÓRIO |    |     |       |       |     |    |    |
|-----------|----|-----|-------|-------|-----|----|----|
|           |    |     |       |       |     |    |    |
| 50        | 19 | 69  | 47*47 | 35*35 | 5   | 25 | 40 |
| 60        | 20 | 91  | 60*60 | 45*45 | 6,5 | 25 | 40 |
| 75        | 25 | 100 | 60*60 | 45*45 | 6,5 | 35 | 50 |
| 80        | 22 | 111 | 60*60 | 45*45 | 6,5 | 26 | 50 |
| 100       | 25 | 126 | 60*60 | 45*45 | 6,5 | 37 | 55 |
| 100       | 30 | 136 | 76*70 | 60*50 | 8,3 | 35 | 60 |
| 125       | 30 | 158 | 76*70 | 60*50 | 8,3 | 35 | 70 |
| 150       | 30 | 192 | 76*70 | 60*50 | 8,3 | 35 | 80 |

**F1**



| Ø    | 040        | 50         | 050 EC     | 60         | 60 (Inox)  | 75         | 075 EC     |
|------|------------|------------|------------|------------|------------|------------|------------|
| COD. | 450.998157 | 450.998001 | 450.990031 | 450.998003 | 450.998182 | 450.998006 | 450.990033 |

| Ø    | 075 EBCP EC | 075 (Inox) | 80 Roda Preta | 100        | 100 EC     | 100 EBCR EC | 100 (Inox) |
|------|-------------|------------|---------------|------------|------------|-------------|------------|
| COD. | 450.990104  | 450.998153 | 450.998010    | 450.998013 | 450.990035 | 450.990199  | 450.998146 |

| Ø    | 125        | 125 EC     | 125 (Inox) |
|------|------------|------------|------------|
| COD. | 450.998022 | 450.990037 | 450.998209 |

**F2**



| Ø    | 050 EC     | 050 M10    | 075        | 100        | 125        |
|------|------------|------------|------------|------------|------------|
| COD. | 450.990069 | 450.990059 | 450.998163 | 450.998014 | 450.998023 |

# MOBILIÁRIO



**Tipo EBC** - com ou sem rolamento

| GIRATÓRIO |    |     |       |       |     |    |    |
|-----------|----|-----|-------|-------|-----|----|----|
|           |    |     |       |       |     |    |    |
| 50        | 19 | 69  | 47*47 | 35*35 | 5   | 25 | 40 |
| 60        | 20 | 91  | 60*60 | 45*45 | 6,5 | 25 | 40 |
| 75        | 25 | 100 | 60*60 | 45*45 | 6,5 | 35 | 50 |
| 80        | 22 | 111 | 60*60 | 45*45 | 6,5 | 26 | 50 |
| 100       | 25 | 126 | 60*60 | 45*45 | 6,5 | 37 | 55 |
| 100       | 30 | 136 | 76*70 | 60*50 | 8,3 | 35 | 60 |
| 125       | 30 | 158 | 76*70 | 60*50 | 8,3 | 35 | 70 |
| 150       | 30 | 192 | 76*70 | 60*50 | 8,3 | 35 | 80 |

## F3



| Ø    | 100        | 100 EC     | 125        |
|------|------------|------------|------------|
| COD. | 450.998015 | 450.990146 | 450.998024 |

## F4



| Ø    | 040        | 50         | 050 EC     | 60         | 60 (Inox)  | 75         | 075 EC     |
|------|------------|------------|------------|------------|------------|------------|------------|
| COD. | 450.998158 | 450.998002 | 450.990039 | 450.998004 | 450.998184 | 450.998007 | 450.990041 |

| Ø    | 075 (Inox) | 100        | 100 EC     | 100 EBCR EC | 100 (Inox) | 125        | 125 EC     |
|------|------------|------------|------------|-------------|------------|------------|------------|
| COD. | 450.998154 | 450.998016 | 450.990043 | 450.990085  | 450.998147 | 450.998025 | 450.990045 |



**Tipo EBC** - com ou sem rolamento

| FIXO |    |     |       |       |     |    |    |
|------|----|-----|-------|-------|-----|----|----|
|      |    |     |       |       |     |    |    |
| 50   | 19 | 69  | 47*47 | 35*35 | 5   | 25 | 40 |
| 60   | 20 | 91  | 60*60 | 45*45 | 6,5 | 25 | 40 |
| 75   | 25 | 100 | 60*60 | 45*45 | 6,5 | 35 | 50 |
| 80   | 22 | 111 | 60*60 | 45*45 | 6,5 | 26 | 50 |
| 100  | 25 | 126 | 60*60 | 45*45 | 6,5 | 37 | 55 |
| 100  | 30 | 136 | 76*70 | 60*50 | 8,3 | 35 | 60 |
| 125  | 30 | 158 | 76*70 | 60*50 | 8,3 | 35 | 70 |
| 150  | 30 | 192 | 76*70 | 60*50 | 8,3 | 35 | 80 |

## F4



| Ø    | 040        | 50         | 60         | 60 (Inox)  | 75         | 100        |
|------|------------|------------|------------|------------|------------|------------|
| COD. | 450.998159 | 450.998061 | 450.998062 | 450.998186 | 450.998063 | 450.998064 |

| Ø    | 100 (Inox) | 125        |
|------|------------|------------|
| COD. | 450.998207 | 450.998065 |



**Tipo EBC** - com ou sem rolamento

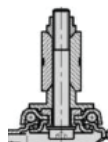
| GIRATÓRIO |    |     |       |       |     |    |    |
|-----------|----|-----|-------|-------|-----|----|----|
|           |    |     |       |       |     |    |    |
| 50        | 19 | 69  | 47*47 | 35*35 | 5   | 25 | 40 |
| 60        | 20 | 91  | 60*60 | 45*45 | 6,5 | 25 | 40 |
| 75        | 25 | 100 | 60*60 | 45*45 | 6,5 | 35 | 50 |
| 80        | 22 | 111 | 60*60 | 45*45 | 6,5 | 26 | 50 |
| 100       | 25 | 126 | 60*60 | 45*45 | 6,5 | 37 | 55 |
| 100       | 30 | 136 | 76*70 | 60*50 | 8,3 | 35 | 60 |
| 125       | 30 | 158 | 76*70 | 60*50 | 8,3 | 35 | 70 |
| 150       | 30 | 192 | 76*70 | 60*50 | 8,3 | 35 | 80 |

**F5**



| Ø    | 60         | 75         |
|------|------------|------------|
| COD. | 450.998005 | 450.998008 |

**F9**



| Ø    | 75         | 100        | 125        |
|------|------------|------------|------------|
| COD. | 450.998009 | 450.998017 | 450.998026 |



**Tipo EBC** - com ou sem rolamento

| TRAVÃO |    |     |       |       |     |    |    |
|--------|----|-----|-------|-------|-----|----|----|
|        |    |     |       |       |     |    |    |
| 50     | 19 | 69  | 47*47 | 35*35 | 5   | 25 | 40 |
| 60     | 20 | 91  | 60*60 | 45*45 | 6,5 | 25 | 40 |
| 75     | 25 | 100 | 60*60 | 45*45 | 6,5 | 35 | 50 |
| 80     | 22 | 111 | 60*60 | 45*45 | 6,5 | 26 | 50 |
| 100    | 25 | 126 | 60*60 | 45*45 | 6,5 | 37 | 55 |
| 100    | 30 | 136 | 76*70 | 60*50 | 8,3 | 35 | 60 |
| 125    | 30 | 158 | 76*70 | 60*50 | 8,3 | 35 | 70 |
| 150    | 30 | 192 | 76*70 | 60*50 | 8,3 | 35 | 80 |

**F1**

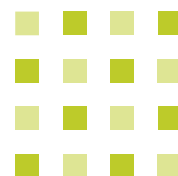


| Ø    | 50 EBCT    | 50 EC      | 60         | 60 (Inox)  | 75         | 075 EC     | 075 EBCP EC |
|------|------------|------------|------------|------------|------------|------------|-------------|
| COD. | 450.998031 | 450.990032 | 450.998033 | 450.998183 | 450.998036 | 450.990034 | 450.990105  |
| Ø    | 075 (Inox) | 100 EC     | 100 EBCT   | 100 (Inox) | 125 EC     | 125 EBCT   | 125 (Inox)  |
| COD. | 450.998155 | 450.990036 | 450.998043 | 450.998148 | 450.990038 | 450.998052 | 450.998206  |

**F2**



| Ø    | 050        | 050 EC     | 075        | 100 EBCT   | 125 EBCT   |
|------|------------|------------|------------|------------|------------|
| COD. | 450.998150 | 450.990070 | 450.998164 | 450.998044 | 450.998053 |



**Tipo EBC** - com ou sem rolamento

| TRAVÃO |    |     |       |       |     |    |    |
|--------|----|-----|-------|-------|-----|----|----|
|        |    |     |       |       |     |    |    |
| 50     | 19 | 69  | 47*47 | 35*35 | 5   | 25 | 40 |
| 60     | 20 | 91  | 60*60 | 45*45 | 6,5 | 25 | 40 |
| 75     | 25 | 100 | 60*60 | 45*45 | 6,5 | 35 | 50 |
| 80     | 22 | 111 | 60*60 | 45*45 | 6,5 | 26 | 50 |
| 100    | 25 | 126 | 60*60 | 45*45 | 6,5 | 37 | 55 |
| 100    | 30 | 136 | 76*70 | 60*50 | 8,3 | 35 | 60 |
| 125    | 30 | 158 | 76*70 | 60*50 | 8,3 | 35 | 70 |
| 150    | 30 | 192 | 76*70 | 60*50 | 8,3 | 35 | 80 |

## F3



| Ø    | 100 EC     | 100 EBCT   | 125 EBCT   |
|------|------------|------------|------------|
| COD. | 450.990147 | 450.998045 | 450.998054 |

## F4



| Ø    | 050 EC     | 50 EBCT    | 60 EBCT    | 60 (Inox)  | 075 EC     | 75 EBCT    | 075 (Inox) |
|------|------------|------------|------------|------------|------------|------------|------------|
| COD. | 450.990040 | 450.998032 | 450.998034 | 450.998185 | 450.990042 | 450.998037 | 450.998156 |

| Ø    | 100 EC     | 100 EBCT   | 100 (Inox) | 125 EC     | 125 EBCT   |
|------|------------|------------|------------|------------|------------|
| COD. | 450.990044 | 450.998046 | 450.998149 | 450.990046 | 450.998055 |



**Tipo EBC** - com ou sem rolamento

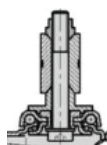
| TRAVÃO |    |     |       |       |     |    |    |
|--------|----|-----|-------|-------|-----|----|----|
|        |    |     |       |       |     |    |    |
| 50     | 19 | 69  | 47*47 | 35*35 | 5   | 25 | 40 |
| 60     | 20 | 91  | 60*60 | 45*45 | 6,5 | 25 | 40 |
| 75     | 25 | 100 | 60*60 | 45*45 | 6,5 | 35 | 50 |
| 80     | 22 | 111 | 60*60 | 45*45 | 6,5 | 26 | 50 |
| 100    | 25 | 126 | 60*60 | 45*45 | 6,5 | 37 | 55 |
| 100    | 30 | 136 | 76*70 | 60*50 | 8,3 | 35 | 60 |
| 125    | 30 | 158 | 76*70 | 60*50 | 8,3 | 35 | 70 |
| 150    | 30 | 192 | 76*70 | 60*50 | 8,3 | 35 | 80 |

## F5



| Ø    | 60 EBCT    | 75 EBCT    |
|------|------------|------------|
| COD. | 450.998035 | 450.998038 |

## F9



| Ø    | 75 EBCT    | 100 EBCT   | 125 EBCT   |
|------|------------|------------|------------|
| COD. | 450.998039 | 450.998047 | 450.998056 |