

### Swing-out rotor, 4-place

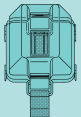















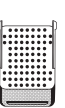






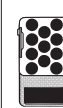
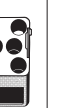






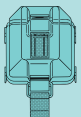














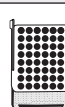


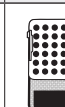

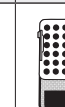
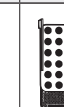
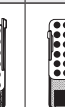
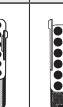
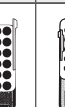
∠ 90°

n = 4,500 min<sup>-1</sup>  
max. RCF 5,252

illustrated with carriers 4295-A  
and lids 4229-B

**Cat. No.** (without carriers) **4294**

| capacity in ml  | 0.8   | 1.5   | 2.0   | 4   | 5   | 6   | 7   | 9   | 12  | 15  | 25  | 50  | 94  | 100   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ø x L in mm   | 8x45  | 11x38   |   | 10x88   | 12x75   | 12x82   | 12x100  | 14x100  | 16x101  | 17x100  | 24x100  | 34x100  | 38x102  | 40x115  |
| Cat. No.  | -   | <b>2078</b>   | <b>0536</b>   | -   | <b>0553<sup>2)</sup></b>  | <b>0501<sup>2)</sup></b>  | <b>0578<sup>2)</sup></b>  | <b>0500<sup>2)</sup></b>  | -   | <b>0518<sup>2)</sup></b>  | <b>0519<sup>2)</sup></b>  | <b>0521<sup>2)</sup></b>  | <b>0549</b>   | <b>0523<sup>2)</sup></b>  |
| lid Cat. No. <b>4229-B</b><br> |  |  |  |  |  |  |  |    |   |  |  |  |  |  |
|   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cat. No.  | <b>4226</b>   | <b>4225</b>   | <b>4224</b>   | <b>4213-93</b>  | <b>4213</b>   | <b>4213</b>   | <b>4223</b>   | <b>4214</b>   | <b>4215</b>   | <b>4216</b>   | <b>4216</b>   | <b>4216</b>   | <b>4216</b>   | <b>4218</b>   |
| boring Ø x L in mm  | 8.2x36  | 11.2x46   |   | 11x74   | 12.5x36   | 12.5x74   |   | 16x74   | 17.5x74   | 26x74   | 35x74   | 41.5x74   |   |   |
| tubes per rotor   | 312   | 336   |   | 252   | 192   | 192   |   | 100   | 120   | 44  | 24  | 16  |   |   |
| max. RCF <sup>2)</sup> upper / lower  | 4,777   | 3,690 / 4,867   |   |   |   |   |   | 4,777   |   |   |   |   |   |   |
| radius in mm upper / lower  | 211   | 163 / 215   |   |   |   |   |   | 211   |   |   |   |   |   |   |
| run-up in sec   |   |   |   |   |   |   |   | 115   |   |   |   |   |   |   |
| run-down in sec, braked   |   |   |   |   |   |   |   | 116   |   |   |   |   |   |   |
| temperature in °C <sup>1)</sup>   |   |   |   |   |   |   |   | +6  |   |   |   |   |   |   |

| capacity in ml  | 2.6–3.4   | 2.7–3   | 4–5.5   | 4.5–5   | 7.5–8.5   | 9–10  | 10  | 1.6–5   | 4–7   | 4–7   | 8   | 8.5–10  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ø x L in mm   | 13x65   | 11x66   | 15x75   | 11x92   | 15x92   | 16x92   | 15x102  | 13x75   | 13x100  | 16x75   | 16x125  | 16x100  |
| Cat. No.  | <b>blood collection / urine tubes</b>   |   |   |   |   |   |   |   |   |   |   |   |
| lid Cat. No. <b>4229-B</b><br> |  |  |  |  |  |  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |    |   |  |  |  |
| Cat. No.  | <b>4222-93</b>  | <b>4213-93</b>  | <b>4214-93</b>  | <b>4213</b>   | <b>4214</b>   | <b>4220</b>   | <b>4214</b>   | <b>4222-93</b>  | <b>4222</b>   | <b>4214-93</b>  | <b>4223</b>   | <b>4214</b>   |
| boring Ø x L in mm  | 13.2x36   | 12.5x36   | 17.5x36   | 12.5x74   | 17.5x74   | 17.5x74   | 17.5x74   | 13.2x36   | 13.2x74   | 17.5x36   | 16x74   | 17.5x74   |
| tubes per rotor   | 120   | 192   | 120   | 192   | 120   | 64  | 120   |   |   |   | 100   | 120   |
| max. RCF <sup>2)</sup>  |   |   |   |   |   |   |   | 4,777   |   |   |   |   |
| radius in mm  |   |   |   |   |   |   |   | 211   |   |   |   |   |
| run-up in sec   |   |   |   |   |   |   |   | 115   |   |   |   |   |
| run-down in sec, braked   |   |   |   |   |   |   |   | 116   |   |   |   |   |
| temperature in °C <sup>1)</sup>   |   |   |   |   |   |   |   | +6  |   |   |   |   |

<sup>1)</sup> Lowest attainable temperature in precooled refrigerated centrifuges at max. speed. Lower temperatures can be attained by reducing the speed.

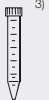

















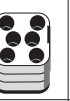
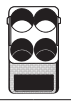






<sup>2)</sup> Please note that the RCF values indicated refer only to rotor performance. The max. permissible RCF of tubes used should be verified with the individual manufacturers. The max. RCF for glass tubes annotated with footnote <sup>2)</sup> is 4,000.




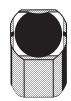
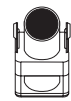

<sup>3)</sup> When using these tubes, carrier 4295-A cannot be closed with lid 4229-B.



illustrated with carriers 4295-A

## Swing-out rotor 4294

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|
| capacity in ml                    | 15  | 50  | 12  | 25  | 30  | 50  | 85  | 94  | 250   | 290   | 600   | 650   | 750   |
| Ø x L in mm                       | 17x120  | 29x115  | 17x100  | 25x90   | 25x110  | 29x115  | 38x106  | 38x102  | 61x122  | 62x137  | 93x134  | 97x139  | 97x152  |
| <b>Cat. No.</b>                   | <b>0509</b>   | <b>0513</b>   | -   | -   | -   | -   | <b>0547</b>   | <b>0538</b> <sup>1,3)</sup>   | <b>5127</b> <sup>2B)</sup>  | -   | <b>0551</b> <sup>2B)</sup>  | <b>0554</b> <sup>2B)</sup>  | <b>0512</b> <sup>2B)</sup>  |
| lid Cat. No. 4229-B               |  |  |  |  |  |  |  |   |  |  |  |  |  |
| <b>carrier</b><br>Cat. No. 4295-A |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Cat. No.</b>                   | <b>4232</b>   | <b>4245-A</b>   | <b>4220</b>   | <b>4241</b>   | <b>4215</b>   | <b>4249</b>   | <b>4218</b>   | <b>4238</b>   | <b>4233</b>   | <b>4233</b>   | <b>4233</b>   | <b>4258</b>   | <b>4258</b>   |
| boring Ø x L in mm                | 17x70   | 30x70   | 17.5x74   | 26x73   | 26x74   | 30x96   | 41.5x74   | 62x90   | 94x105  | 94x105  | 94x105  | 97.5x105  | 97.5x105  |
| tubes per rotor                   | 92  | 32  | 64  | 32  | 44  | 24  | 16  | 4   |   |   |   |   |   |
| max. RCF <sup>2)</sup>            | 4,958   |   | 4,777   |   |   | 4,867   | 4,777   |   | 4,958   |   |   |   |   |
| radius in mm                      | 219   |   | 211   |   |   | 215   | 211   |   | 219   |   |   |   |   |
| run-up in sec                     |   |   |   |   |   |   | 115   |   |   |   |   |   |   |
| run-down in sec, braked           |   |   |   |   |   |   | 116   |   |   |   |   |   |   |
| temperature in °C <sup>1)</sup>   |   |   |   |   |   |   | +6  |   |   |   |   |   |   |

|                                   |   |   |   |
|-----------------------------------|---|---|---|
| capacity in ml                    | 750   | 250   | 500   |
| Ø x L in mm                       | 96x135  | 60x162  | 96x147  |
| <b>Cat. No.</b>                   | <b>4234-A</b>   | <b>Corning®</b>   | <b>Corning®</b>   |
| lid Cat. No. 4229-B               |  |  |  |
| <b>carrier</b><br>Cat. No. 4295-A |  |  |  |
| <b>Cat. No.</b>                   | <b>4258</b>   | <b>6322</b>   | <b>4258</b>   |
| boring Ø x L in mm                | 97.5x105  | 61x125  | 97.5x105  |
| tubes per rotor                   | 4   |   |   |
| max. RCF <sup>2)</sup>            | 4,958   | 4,777   | 4,958   |
| radius in mm                      | 219   | 211   | 219   |
| run-up in sec                     | 115   |   |   |
| run-down in sec, braked           | 116   |   |   |
| temperature in °C <sup>1)</sup>   | +6  |   |   |

1) Lowest attainable temperature in precooled refrigerated centrifuges at max. speed. Lower temperatures can be attained by reducing the speed.

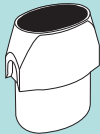

2) Please note that the RCF values indicated refer only to rotor performance. The max. permissible RCF of tubes used should be verified with the individual manufacturers. The max. RCF for glass tubes annotated with footnote 2) is 4,000.

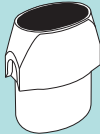

3) When using these tubes, carrier 4295-A cannot be closed with lid 4229-B.



illustrated with carriers 4298-A  
and inserts 4237-A

**Swing-out rotor 4294**

| capacity in ml  | 450   | 500 |
|---|---|-----|
| <b>blood bags, triple</b>   |   |     |
| <b>Cat. No.</b>   | -   | -   |
|  |  |     |
| <b>carrier</b><br>Cat. No. <b>4293</b>  |   |     |
| <b>Cat. No.</b>   | <b>4244-A</b>   |     |
| boring Ø x L in mm  | -   |     |
| blood bag systems per rotor   | 4   |     |
| max. RCF  | 5,252   |     |
| radius in mm  | 232   |     |
| run-up in sec   | 115   |     |
| run-down in sec, braked   | 116   |     |
| temperature in °C <sup>1)</sup>   | +2  |     |

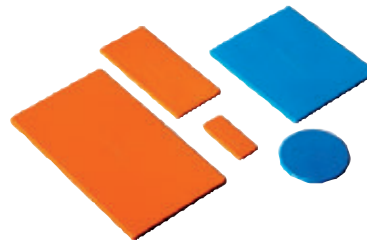
| capacity in ml  | 450   | 500 | 750           | 1,000         |
|---|---|-----|---------------|---------------|
| <b>blood bags</b>   | <b>quadruple</b>  |     | <b>single</b> | <b>single</b> |
| <b>Cat. No.</b>   | -   |     |               | -             |
|  |  |     |               |               |
| <b>carrier</b><br>Cat. No. <b>4298-A</b>  |   |     |               |               |
| <b>Cat. No.</b>   | <b>4237-A</b>   |     |               | -             |
| boring Ø x L in mm  | -   |     |               |               |
| blood bag systems per rotor   | 4   |     |               |               |
| max. RCF  | 5,003   |     | 5,071         |               |
| radius in mm  | 221   |     | 224           |               |
| run-up in sec   | 115   |     |               |               |
| run-down in sec, braked   | 116   |     |               |               |
| temperature in °C <sup>1)</sup>   | +3  |     |               |               |



**HettLiner**

Blood bags can be secured in inserts using HettLiners. After centrifuging, they can be removed by their loops without disturbing the sediment.

**Cat. No. 4564**



**Set of balancing weights**

If blood bag carriers are not filled to the same weight, then balancing weights can be used to make up the difference.

**Cat. No. 4566**

<sup>13)</sup> The screw cap for tube No. 0538 is available with Cat. No. 0539. Dimensions with cap 38x110 mm.

<sup>28)</sup> At temperatures of over +40 °C and/or when not filled to capacity, bottles may warp during centrifugation.



Carrier 4280, illustrated with Deep Well Plates and removal aid 4279

### Swing-out rotor 4294

| DxWxH in mm   | 86x128x15   | 86x128x17.5 | 86x128x22 | 86x128x44.5 | 86x128x46 | 86x128x83 | 82x124x20           | -          |
|---|-------------|-------------|-----------|-------------|-----------|-----------|---------------------|------------|
| Cat. No.  | MTP         |             | CP        | DWP         | MS        | QP        | PCR plate, 96 wells | PCR strips |
| lid with bio-containment <sup>3)</sup><br>Cat. No. 5629 |             |             |           |             |           |           |                     |            |
| <b>carrier</b><br>Cat. No. 4280                         |             |             |           |             |           |           |                     |            |
| <b>Cat. No.</b>   | <b>4279</b> |             |           |             |           |           | <b>1485</b>         |            |
| boring Ø x L in mm                                      | -           |             |           |             |           |           |                     |            |
| plates/strips per rotor                                 | 24          |             | 20        | 8           |           | 4         |                     | 48x8       |
| max. RCF <sup>2)</sup>                                  | 4,573       |             |           |             |           |           |                     |            |
| radius in mm  | 202         |             |           |             |           |           |                     |            |
| run-up in sec   | 115         |             |           |             |           |           |                     |            |
| run-down in sec, braked                                 | 116         |             |           |             |           |           |                     |            |
| temperature in °C <sup>1)</sup>                         | +5          |             |           |             |           |           |                     |            |

| DxWxH in mm                       | 86x128x15   | 86x128x17.5 | 86x128x22 | 86x128x44.5 | 86x128x46 | 18x164x46 | 82x124x20           | -          |
|-----------------------------------|-------------|-------------|-----------|-------------|-----------|-----------|---------------------|------------|
| Cat. No.                          | MTP         |             | CP        | DWP         | MS        | LKB racks | PCR plate, 96 wells | PCR strips |
|                                   |             |             |           |             |           |           |                     |            |
| <b>carrier</b><br>Cat. No. 4299-N |             |             |           |             |           |           |                     |            |
| <b>Cat. No.</b>                   | <b>4236</b> |             |           |             |           | <b>-</b>  | <b>4236 + 1485</b>  |            |
| boring Ø x L in mm                | -           |             |           |             |           |           |                     |            |
| plates/racks per rotor            | 16          |             | 8         | 4           |           | 16        | 4                   | 48x8       |
| max. RCF <sup>2)</sup>            | 3,939       |             |           |             |           | 4,120     | 3,939               |            |
| radius in mm                      | 174         |             |           |             |           | 182       | 174                 |            |
| run-up in sec                     | 115         |             |           |             |           |           |                     |            |
| run-down in sec, braked           | 116         |             |           |             |           |           |                     |            |
| temperature in °C <sup>1)</sup>   | +4          |             |           |             |           |           |                     |            |

<sup>1)</sup> Lowest attainable temperature in precooled refrigerated centrifuges at max. speed. Lower temperatures can be attained by reducing the speed.

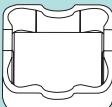


<sup>2)</sup> Please note that the RCF values indicated refer only to rotor performance. The max. permissible RCF of tubes used should be verified with the individual manufacturers. The max. RCF for glass tubes annotated with footnote <sup>2)</sup> is 4,000.










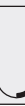
<sup>3)</sup> When using these tubes, carrier 4255 cannot be closed with its lid.

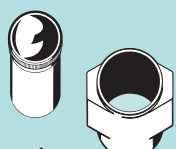
















Carrier 4254, illustrated with bucket 4255 with lid

**Swing-out rotor 4294**

























|   |  |
|---|--|
| DxWxH in mm   | 20x118x70  |
| <b>Hitachi Racks</b>  |  |
| <b>Cat. No.</b>   | -  |
| <br><b>carrier</b><br>Cat. No. <b>4257</b> | <br> |
| <b>Cat. No.</b>   | <b>4259-A</b> <sup>26)</sup>   |
| boring Ø x L in mm  | -  |
| racks per rotor   | 20   |
| max. RCF <sup>2)</sup>  | 4,867  |
| radius in mm  | 215  |
| run-up in sec   | 115  |
| run-down in sec, braked   | 116  |
| temperature in °C <sup>1)</sup>   | +7   |













|   |   |   |  |   |   |   |   |   |
|---|---|---|--|---|---|---|---|---|
| capacity in ml  | 5   | 7   | 9  | 10  | 15  | 25  | 50  | 100   |
| Ø x L in mm   | 12x75   | 12x100  | 14x100   | 17x70   | 17x100  | 24x100  | 34x100  | 44x100  |
| <b>Cat. No.</b>   | <b>0553</b> <sup>2)</sup>   | <b>0578</b> <sup>2)</sup>   | <b>0500</b> <sup>2)</sup>  | <b>2079</b>   | <b>0518</b> <sup>2)</sup>   | <b>0519</b> <sup>2)</sup>   | <b>0521</b> <sup>2)</sup>   | <b>0526</b> <sup>2)</sup>   |
| <br><b>carrier</b><br>Cat. No. <b>4254</b> | bucket Cat. No. <b>4255</b>   |   |  |   |   |   |   |   |
|    |  |  |  |  |  |  |  |  |
| <b>Cat. No.</b>   | <b>4433</b>   |   | <b>4434</b>  |   | <b>4438</b>   | <b>4439</b>   | <b>4442</b>   |   |
| boring Ø x L in mm  | 13x58   |   | 17.5x53  |   | 26x72   | 36x79   | 45x78   |   |
| tubes per rotor   | 120   |   | 76   |   | 28  | 16  | 8   |   |
| max. RCF <sup>2)</sup>  | 4,618   |   | 4,777  |   | 4,505   | 4,573   | 4,551   |   |
| radius in mm  | 204   |   | 211  |   | 199   | 202   | 201   |   |
| run-up in sec   | 115   |   |  |   |   |   |   |   |
| run-down in sec, braked   | 116   |   |  |   |   |   |   |   |
| temperature in °C <sup>1)</sup>   | +5  |   |  |   |   |   |   |   |

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| capacity in ml  | 2.6-3.4   | 2.7-3   | 4-5.5   | 4.5-5   | 4.9   | 7.5-8.5   | 9-10  | 10  | 1.6-5   | 4-7   | 4-7   | 8   | 8.5-10  |
| Ø x L in mm   | 13x65   | 11x66   | 15x75   | 11x92   | 13x90   | 15x92   | 16x92   | 15x102  | 13x75   | 13x100  | 16x75   | 16x125  | 16x100  |
| <b>Cat. No.</b>   | <b>blood collection / urine tubes</b>   |   |   |   |   |   |   |   |   |   |   |   |   |
| <br><b>carrier</b><br>Cat. No. <b>4254</b> | bucket Cat. No. <b>4255</b>   |   |   |   |   |   |   |   |   |   |   |   |   |
|    |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Cat. No.</b>   | <b>4435</b>   | <b>4433</b>   | <b>4434</b>   | <b>4433</b>   | <b>4435</b>   | <b>4434</b>   |   | <b>4435</b>   | <b>4434</b>   |   |   |   |   |
| boring Ø x L in mm  | 13.5x58   | 13x58   | 17.5x53   | 13x58   | 13.5x58   | 17.5x53   |   | 13.5x58   | 17.5x53   |   |   |   |   |
| tubes per rotor   | 84  | 120   | 76  | 120   | 84  | 76  |   | 84  | 76  |   |   |   |   |
| max. RCF <sup>2)</sup>  | 4,618   |   | 4,777   | 4,618   |   | 4,777   |   | 4,618   | 4,777   |   |   |   |   |
| radius in mm  | 204   |   | 211   | 204   |   | 211   |   | 204   | 211   |   |   |   |   |
| run-up in sec   | 115   |   |   |   |   |   |   |   |   |   |   |   |   |
| run-down in sec, braked   | 116   |   |   |   |   |   |   |   |   |   |   |   |   |
| temperature in °C <sup>1)</sup>   | +5  |   |   |   |   |   |   |   |   |   |   |   |   |

<sup>5)</sup> Tested by the TÜV in conformity with DIN EN 61010, section 2-020.  
<sup>26)</sup> When using removal frame 4259-A, please take the insert out of carrier 4257.

## Swing-out rotor 4294

|                                 |   |   |   |   |   |   |   |  |   |   |   |   |
|---------------------------------|---|---|---|---|---|---|---|--|---|---|---|---|
| capacity in ml                  | 15  | 30  | 50  | 25  | 30  | 10  | 250   | 290  | 650   | 750   | 1,000   | 1,000   |
| Ø x L in mm                     | 17x120  | 25x110  | 29x115  | 25x90   | 25x110  | 16x80   | 61x122  | 62x137   | 97x139  | 97x152  | 96x176  | 98x138  |
| <b>Cat. No.</b>                 | <b>0509</b>   | -   | <b>0513</b>   | -   | -   | -   | <b>5127<sup>2B)</sup></b>   | - <sup>2B)</sup>   | <b>0554<sup>2B)</sup></b>   | <b>0512<sup>2B)</sup></b>   | <b>4239<sup>2B)</sup></b>   | <b>4255</b>   |
| bucket Cat. No. 4255            |  |  |  |  |  |  |  |   |    |    |    |    |
| <b>carrier</b><br>Cat. No. 4254 |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Cat. No.</b>                 | <b>4437</b>   | <b>4438</b>   | <b>4441</b>   | <b>4438</b>   | <b>4434</b>   | <b>4443</b>   |   |  |   |   | -   | -   |
| boring Ø x L in mm              | 17x88   | 26x72   | 30x87   | 26x72   | 17.5x53   | 62x92   | 98x138  |  | 98x138  |   | -   |   |
| tubes per rotor                 | 48  | 28  | 20  | 28  | 76  | 4   |   |  |   |   |   |   |
| max. RCF <sup>2)</sup>          | 4,890   | 4,709   | 4,890   | 4,709   | 4,777   | 5,003   |   | 5,184  |   |   |   |   |
| radius in mm                    | 216   | 208   | 216   | 208   | 211   | 221   |   | 229  |   |   |   |   |
| run-up in sec                   | 115   |   |   |   |   |   |   |  |   |   |   |   |
| run-down in sec, braked         | 116   |   |   |   |   |   |   |  |   |   |   |   |
| temperature in °C <sup>1)</sup> | +5  |   |   |   |   |   |   |  |   |   |   |   |

|                                 |   |   |   |   |   |   |
|---------------------------------|---|---|---|---|---|---|
| capacity in ml                  | 175   | 175   | 200   | 225   | 250   | 500   |
| Ø x L in mm                     | 61x118  | 62x144  | 60x130  | 61x137  | 60x162  | 96x147  |
| <b>Cat. No.</b>                 | <b>Falcon®</b>  | <b>Nalgene®</b>   | <b>Nunc®</b>  | <b>Falcon®</b>  | <b>Corning®</b>   |   |
| bucket Cat. No. 4255            |  |  |  |  |  |  |
| <b>carrier</b><br>Cat. No. 4254 |  |  |  |  |  |  |
| <b>Cat. No.</b>                 | <b>4440</b>   | <b>4430</b>   | <b>4440</b>   | <b>4430</b>   | <b>4449</b>   |   |
| boring Ø x L in mm              | -   |   |   |   |   |   |
| tubes per rotor                 | 4   |   |   |   |   |   |
| max. RCF <sup>2)</sup>          | 5,184   |   |   |   |   |   |
| radius in mm                    | 229   |   |   |   |   |   |
| run-up in sec                   | 115   |   |   |   |   |   |
| run-down in sec, braked         | 116   |   |   |   |   |   |
| temperature in °C <sup>1)</sup> | +5  |   |   |   |   |   |

<sup>1)</sup> Lowest attainable temperature in precooled refrigerated centrifuges at max. speed. Lower temperatures can be attained by reducing the speed.

<sup>2)</sup> Please note that the RCF values indicated refer only to rotor performance. The max. permissible RCF of tubes used should be verified with the individual manufacturers. The max. RCF for glass tubes annotated with footnote <sup>2)</sup> is 4,000.

<sup>3)</sup> When using these tubes, bucket 4255 cannot be closed with its lid, carrier 5051 cannot be closed with lid 5053.