

- 1 
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MATERIAL

High-resilience polypropylene based (PP) technopolymer, black colour, matte finish.

BOSS-CAP

Anodised aluminium self-adhesive front plate.
 VRTP.375: cover in polyester based technopolymer (PBT), RAL 7035 grey colour, glossy finish, press-fit assembly.

STANDARD EXECUTIONS

- Black-oxide steel boss, H7 reamed hole.
- **VRTP.**: without handle.
- **VRTP+I**: with revolving handle I.621+x (see page 406) in technopolymer.
- **VRTP+IEL**: with revolving handle IEL+x-SOFT (see page 377) in technopolymer coated with "Soft touch" thermoplastic elastomer (TPE).
- **VRTP+IR**: with fold-away handle IR.620 (see page 414) in technopolymer.

SPECIAL EXECUTIONS ON REQUEST

Bosses with hole and keyway in compliance with DIN 6885/1 tolerance P9 (see page A-16). To order the handwheel with keyway add the index -K after the code and the description (i.e. 78411-R-K VRTP.80 A-8-K).

ACCESSORIES ON REQUEST







- Axial retaining washer GN 184 (see page 677).
- Technopolymer boss cap in one of the Ergostyle colours, matte finish, available for VRTP.125, VRTP.160 and VRTP.200 (see ECB table).

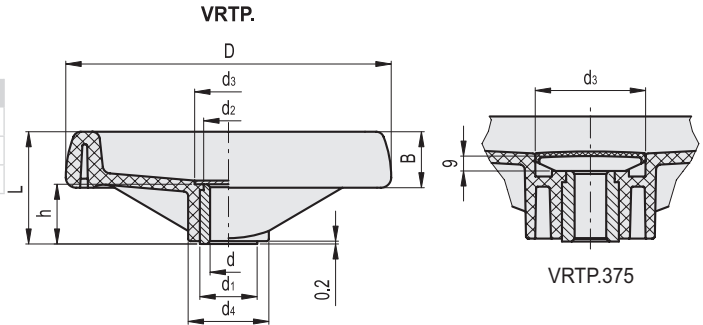


ELESA Original design


| Code | Description | Boss cap for |
|---------|-------------|--------------|
| 29552-* | ECB.T2-* | VRTP.125 |
| 29553-* | ECB.T3-* | VRTP.160 |
| 29554-* | ECB.T4-* | VRTP.200 |

* Complete with colour index (C1, ..., C6).

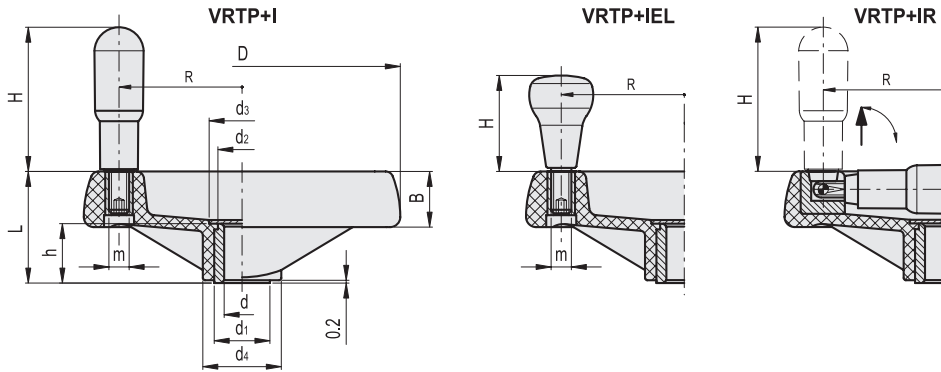
| | | | | | |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
| C1 | C2 | C3 | C4 | C5 | C6 |
| RAL7021 | RAL2004 | RAL7035 | RAL1021 | RAL5024 | RAL3000 |



VRTP.

| Code | Description | D | dH7 | L | B | d1 | d2 | d3 | d4 | h | C# [Nm] | L# [J] |  |
|---------|---------------|-----|-----|----|------|----|----|------|------|----|---------|--------|---|
| 78411-R | VRTP.80 A-8 | 80 | 8 | 35 | 18 | 18 | 16 | 20.5 | 25 | 17 | 32 | 5 | 74 |
| 78412-R | VRTP.80 A-10 | 80 | 10 | 35 | 18 | 18 | 16 | 20.5 | 25 | 17 | 32 | 5 | 70 |
| 78510-R | VRTP.100 A-8 | 99 | 8 | 37 | 20 | 18 | 16 | 20.5 | 25.5 | 17 | 54 | 7 | 105 |
| 78511-R | VRTP.100 A-10 | 99 | 10 | 37 | 20 | 18 | 16 | 20.5 | 25.5 | 17 | 54 | 7 | 100 |
| 78512-R | VRTP.100 A-12 | 99 | 12 | 37 | 20 | 18 | 16 | 20.5 | 25.5 | 17 | 54 | 7 | 95 |
| 78610-R | VRTP.125 A-8 | 125 | 8 | 44 | 22 | 22 | 20 | 26 | 31 | 22 | 94 | 10 | 165 |
| 78611-R | VRTP.125 A-12 | 125 | 12 | 44 | 22 | 22 | 20 | 26 | 31 | 22 | 94 | 10 | 160 |
| 78612-R | VRTP.125 A-14 | 125 | 14 | 44 | 22 | 22 | 20 | 26 | 31 | 22 | 94 | 10 | 155 |
| 78710-R | VRTP.160 A-8 | 160 | 8 | 51 | 25 | 26 | 24 | 32 | 40 | 27 | 185 | 15 | 282 |
| 78711-R | VRTP.160 A-14 | 160 | 14 | 51 | 25 | 26 | 24 | 32 | 40 | 27 | 185 | 15 | 275 |
| 78712-R | VRTP.160 A-16 | 160 | 16 | 51 | 25 | 26 | 24 | 32 | 40 | 27 | 185 | 15 | 263 |
| 78810-R | VRTP.200 A-8 | 200 | 8 | 61 | 28 | 30 | 28 | 36 | 48.5 | 34 | 300 | 24 | 490 |
| 78811-R | VRTP.200 A-16 | 200 | 16 | 61 | 28 | 30 | 28 | 36 | 48.5 | 34 | 300 | 24 | 460 |
| 78813-R | VRTP.200 A-20 | 200 | 20 | 61 | 28 | 30 | 28 | 36 | 48.5 | 34 | 300 | 24 | 430 |
| 78911-R | VRTP.250 A-20 | 250 | 20 | 69 | 32 | 35 | 33 | 45 | 58 | 38 | 420 | 28 | 730 |
| 78913-R | VRTP.250 A-24 | 250 | 24 | 69 | 32 | 35 | 33 | 45 | 58 | 38 | 420 | 28 | 710 |
| 78948-R | VRTP.300 A-20 | 300 | 20 | 78 | 35.5 | 40 | 37 | 52 | 66 | 43 | 480 | 36 | 940 |
| 78951-R | VRTP.300 A-26 | 300 | 26 | 78 | 35.5 | 40 | 37 | 52 | 66 | 43 | 480 | 36 | 970 |
| 79011-R | VRTP.375 A-26 | 375 | 26 | 87 | 39 | 45 | 33 | 70 | 81 | 43 | 380 | 55 | 1350 |

Operating elements



VRTP+I

| Code | Description | D | dH7 | L | B | d1 | d2 | d3 | d4 | h | H | m | R | C# [Nm] | L# [J] | ⚖️ |
|---------|-----------------|-----|-----|----|------|----|----|------|------|----|----|-----|-----|---------|--------|------|
| 78421-R | VRTP.80+I A-8 | 80 | 8 | 35 | 18 | 18 | 16 | 20.5 | 25 | 17 | 45 | M6 | 29 | 32 | 5 | 104 |
| 78422-R | VRTP.80+I A-10 | 80 | 10 | 35 | 18 | 18 | 16 | 20.5 | 25 | 17 | 45 | M6 | 29 | 32 | 5 | 100 |
| 78520-R | VRTP.100+I A-8 | 99 | 8 | 37 | 20 | 18 | 16 | 20.5 | 25.5 | 17 | 60 | M6 | 37 | 54 | 7 | 150 |
| 78521-R | VRTP.100+I A-10 | 99 | 10 | 37 | 20 | 18 | 16 | 20.5 | 25.5 | 17 | 60 | M6 | 37 | 54 | 7 | 145 |
| 78522-R | VRTP.100+I A-12 | 99 | 12 | 37 | 20 | 18 | 16 | 20.5 | 25.5 | 17 | 60 | M6 | 37 | 54 | 7 | 140 |
| 78620-R | VRTP.125+I A-8 | 125 | 8 | 44 | 22 | 22 | 20 | 26 | 31 | 22 | 65 | M8 | 48 | 94 | 10 | 250 |
| 78621-R | VRTP.125+I A-12 | 125 | 12 | 44 | 22 | 22 | 20 | 26 | 31 | 22 | 65 | M8 | 48 | 94 | 10 | 245 |
| 78622-R | VRTP.125+I A-14 | 125 | 14 | 44 | 22 | 22 | 20 | 26 | 31 | 22 | 65 | M8 | 48 | 94 | 10 | 240 |
| 78720-R | VRTP.160+I A-8 | 160 | 8 | 51 | 25 | 26 | 24 | 32 | 40 | 27 | 80 | M8 | 65 | 185 | 15 | 363 |
| 78721-R | VRTP.160+I A-14 | 160 | 14 | 51 | 25 | 26 | 24 | 32 | 40 | 27 | 80 | M8 | 65 | 185 | 15 | 356 |
| 78722-R | VRTP.160+I A-16 | 160 | 16 | 51 | 25 | 26 | 24 | 32 | 40 | 27 | 80 | M8 | 65 | 185 | 15 | 339 |
| 78820-R | VRTP.200+I A-8 | 200 | 8 | 61 | 28 | 30 | 28 | 36 | 48.5 | 34 | 80 | M8 | 84 | 300 | 24 | 579 |
| 78821-R | VRTP.200+I A-16 | 200 | 16 | 61 | 28 | 30 | 28 | 36 | 48.5 | 34 | 80 | M8 | 84 | 300 | 24 | 552 |
| 78823-R | VRTP.200+I A-20 | 200 | 20 | 61 | 28 | 30 | 28 | 36 | 48.5 | 34 | 80 | M8 | 84 | 300 | 24 | 525 |
| 78921-R | VRTP.250+I A-20 | 250 | 20 | 69 | 32 | 35 | 33 | 45 | 58 | 38 | 90 | M10 | 103 | 420 | 28 | 904 |
| 78923-R | VRTP.250+I A-24 | 250 | 24 | 69 | 32 | 35 | 33 | 45 | 58 | 38 | 90 | M10 | 103 | 420 | 28 | 888 |
| 78958-R | VRTP.300+I A-20 | 300 | 20 | 78 | 35.5 | 40 | 37 | 52 | 66 | 43 | 90 | M10 | 127 | 480 | 36 | 1050 |
| 78961-R | VRTP.300+I A-26 | 300 | 26 | 78 | 35.5 | 40 | 37 | 52 | 66 | 43 | 90 | M10 | 123 | 480 | 36 | 1111 |
| 79021-R | VRTP.375+I A-26 | 375 | 26 | 87 | 39 | 35 | 33 | 70 | 81 | 43 | 90 | M10 | 160 | 380 | 55 | 1240 |

VRTP+IEL

| | | | | | | | | | | | | | | | | |
|---------|-------------------|-----|----|----|------|----|----|----|----|----|----|-----|-----|-----|----|------|
| 78926-R | VRTP.250+IEL A-20 | 250 | 20 | 69 | 32 | 35 | 33 | 45 | 58 | 38 | 65 | M10 | 103 | 420 | 28 | 914 |
| 78928-R | VRTP.250+IEL A-24 | 250 | 24 | 69 | 32 | 35 | 33 | 45 | 58 | 38 | 65 | M10 | 103 | 420 | 28 | 818 |
| 78964-R | VRTP.300+IEL A-20 | 300 | 20 | 78 | 35.5 | 40 | 37 | 52 | 66 | 43 | 65 | M10 | 127 | 480 | 36 | 1060 |
| 78966-R | VRTP.300+IEL A-26 | 300 | 26 | 78 | 35.5 | 40 | 37 | 52 | 66 | 43 | 65 | M10 | 127 | 480 | 36 | 1121 |
| 79026-R | VRTP.375+IEL A-26 | 375 | 26 | 87 | 39 | 35 | 33 | 70 | 81 | 43 | 65 | M10 | 160 | 380 | 55 | 1260 |

VRTP+IR

| Code | Description | D | dH7 | L | B | d1 | d2 | d3 | d4 | h | H | R | C# [Nm] | L# [J] | ⚖️ |
|---------|------------------|-----|-----|----|------|----|----|------|------|----|----|-----|---------|--------|------|
| 78431-R | VRTP.80+IR A-8 | 80 | 8 | 35 | 18 | 18 | 16 | 20.5 | 25 | 17 | 45 | 29 | 32 | 5 | 102 |
| 78432-R | VRTP.80+IR A-10 | 80 | 10 | 35 | 18 | 18 | 16 | 20.5 | 25 | 17 | 45 | 29 | 32 | 5 | 98 |
| 78530-R | VRTP.100+IR A-8 | 99 | 8 | 37 | 20 | 18 | 16 | 20.5 | 25.5 | 17 | 60 | 37 | 54 | 7 | 170 |
| 78531-R | VRTP.100+IR A-10 | 99 | 10 | 37 | 20 | 18 | 16 | 20.5 | 25.5 | 17 | 60 | 37 | 54 | 7 | 163 |
| 78532-R | VRTP.100+IR A-12 | 99 | 12 | 37 | 20 | 18 | 16 | 20.5 | 25.5 | 17 | 60 | 37 | 54 | 7 | 155 |
| 78630-R | VRTP.125+IR A-8 | 125 | 8 | 44 | 22 | 22 | 20 | 26 | 31 | 22 | 65 | 48 | 94 | 10 | 235 |
| 78631-R | VRTP.125+IR A-12 | 125 | 12 | 44 | 22 | 22 | 20 | 26 | 31 | 22 | 65 | 48 | 94 | 10 | 230 |
| 78632-R | VRTP.125+IR A-14 | 125 | 14 | 44 | 22 | 22 | 20 | 26 | 31 | 22 | 65 | 48 | 94 | 10 | 225 |
| 78730-R | VRTP.160+IR A-8 | 160 | 8 | 51 | 25 | 26 | 24 | 32 | 40 | 27 | 80 | 65 | 185 | 15 | 395 |
| 78731-R | VRTP.160+IR A-14 | 160 | 14 | 51 | 25 | 26 | 24 | 32 | 40 | 27 | 80 | 65 | 185 | 15 | 388 |
| 78732-R | VRTP.160+IR A-16 | 160 | 16 | 51 | 25 | 26 | 24 | 32 | 40 | 27 | 80 | 65 | 185 | 15 | 380 |
| 78830-R | VRTP.200+IR A-8 | 200 | 8 | 61 | 28 | 30 | 28 | 36 | 48.5 | 34 | 80 | 84 | 300 | 24 | 625 |
| 78831-R | VRTP.200+IR A-16 | 200 | 16 | 61 | 28 | 30 | 28 | 36 | 48.5 | 34 | 80 | 84 | 300 | 24 | 593 |
| 78833-R | VRTP.200+IR A-20 | 200 | 20 | 61 | 28 | 30 | 28 | 36 | 48.5 | 34 | 80 | 84 | 300 | 24 | 560 |
| 78931-R | VRTP.250+IR A-20 | 250 | 20 | 69 | 32 | 35 | 33 | 45 | 58 | 38 | 90 | 105 | 420 | 28 | 932 |
| 78933-R | VRTP.250+IR A-24 | 250 | 24 | 69 | 32 | 35 | 33 | 45 | 58 | 38 | 90 | 105 | 420 | 28 | 892 |
| 78968-R | VRTP.300+IR A-20 | 300 | 20 | 78 | 35.5 | 40 | 37 | 52 | 66 | 43 | 90 | 123 | 480 | 36 | 1080 |
| 78971-R | VRTP.300+IR A-26 | 300 | 26 | 78 | 35.5 | 40 | 37 | 52 | 66 | 43 | 90 | 123 | 480 | 36 | 1210 |
| 79031-R | VRTP.375+IR A-26 | 375 | 26 | 87 | 39 | 35 | 33 | 70 | 81 | 43 | 90 | 160 | 380 | 55 | 1350 |

For maximum torque (C) and impact strength (L) see Technical data on page A-3.

