

BRD-series, double-acting precision production cylinders



- High precision, high cycle performance
- Designed for long life, the best choice for production applications
- Unique mounting configurations and attachments simplify fixturing
- Exclusive Golden Ring bearing design for long, trouble-free performance
- Double-acting operation develops force in both directions, providing maximum versatility
- Plunger wiper reduces contamination, extending cylinder life

| Cylinder Capacity | Stroke | Model Number | Maximum Cylinder Capacity kN | | Cylinder Effective Area cm ² | | Oil Capacity cm ³ | | Collapsed Height | Extended Height | Weight |
|-------------------|--------|-----------------|------------------------------|---------|---|---------|------------------------------|---------|------------------|-----------------|--------|
| | | | Advance | Retract | Advance | Retract | Advance | Retract | | | |
| ton | mm | | | | | | | | mm | mm | kg |
| 4 | 28 | BRD-41 | 35 | 16 | 5,1 | 2,2 | 14 | 6 | 186 | 214 | 2,0 |
| | 79 | BRD-43 | 35 | 16 | 5,1 | 2,2 | 40 | 17 | 237 | 316 | 2,6 |
| | 155 | BRD-46 | 35 | 16 | 5,1 | 2,2 | 79 | 34 | 313 | 468 | 3,6 |
| 8 | 28 | BRD-91 | 80 | 44 | 11,4 | 6,3 | 32 | 18 | 223 | 251 | 3,0 |
| | 79 | BRD-93 | 80 | 44 | 11,4 | 6,3 | 90 | 50 | 274 | 353 | 4,2 |
| | 155 | BRD-96 | 80 | 44 | 11,4 | 6,3 | 177 | 98 | 350 | 505 | 5,6 |
| | 257 | BRD-910 | 80 | 44 | 11,4 | 6,3 | 293 | 162 | 452 | 709 | 7,3 |
| 15 | 159 | BRD-166 | 142 | 77 | 20,3 | 10,6 | 323 | 169 | 389 | 548 | 10,2 |
| | 260 | BRD-1610 | 142 | 77 | 20,3 | 10,6 | 528 | 276 | 491 | 751 | 14,5 |
| 23 | 159 | BRD-256 | 222 | 98 | 31,7 | 13,7 | 504 | 218 | 424 | 583 | 16,0 |
| | 260 | BRD-2510 | 222 | 98 | 31,7 | 13,7 | 824 | 356 | 526 | 786 | 20,3 |