Technical specification sheet



HGC 100 S 10 | Multi Purpose Cylinder

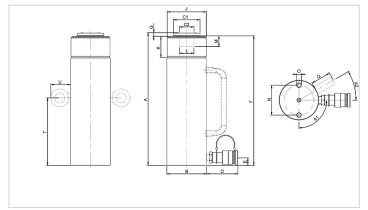
| Specifications | | |
|----------------------------------|-----------------|------------------------|
| article number | | 100.112.258 |
| short description | | Multi Purpose Cylinder |
| model | | HGC 100 S 10 |
| max. working pressure | bar/Mpa | 720 / 72 |
| tonnage | t | 100 |
| stroke | mm | 100 |
| closed height | mm | 268 |
| capacity | kN/t | 1031 / 105.1 |
| effective pressure area | cm ² | 143.1 |
| required oil content (effective) | СС | 1431 |
| connection | | A 118 |
| cylinder type | | multi purpose |
| acting type | | single |
| return type | | spring |
| material | | steel |
| weight, ready for use | kg | 42.2 |
| ASME | | B30.1 |

| Technical drawing dimensions | | |
|------------------------------|------------|--------------|
| dimension A | mm | 268 |
| dimension B | mm | 175 |
| dimension C1 | mm | 117 |
| dimension C2 | mm | 72 |
| dimension D | mm | 80 |
| dimension E | mm | 30 |
| dimension F | mm | 260 |
| dimension G | mm | 10 |
| dimension J | threadsize | 6 7/8"-12-UN |
| dimension K | mm | 57 |
| dimension L | mm | 80 |
| dimension M | mm | 10 |
| dimension N | mm | 146 |
| dimension O | threadsize | M12x24 (4x) |
| dimension T | mm | 150 |
| dimension U | mm | 54 |
| angle A1 | 0 | 45 |

Standard supplied with

- Collar thread and base mounting holes
- Internal plunger thread on all models to 50 tons
- High flow female coupler A118
- Flat saddle







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