

## Technical specification sheet

# HGC 100 S 25 | Multi Purpose Cylinder

| Specifications                   |                 |                        |
|----------------------------------|-----------------|------------------------|
| article number                   |                 | 100.112.260            |
| short description                |                 | Multi Purpose Cylinder |
| model                            |                 | HGC 100 S 25           |
| max. working pressure            | bar/MPa         | 720 / 72               |
| tonnage                          | t               | 100                    |
| stroke                           | mm              | 250                    |
| closed height                    | mm              | 418                    |
| capacity                         | kN/t            | 1031 / 105.1           |
| effective pressure area          | cm <sup>2</sup> | 143.1                  |
| required oil content (effective) | cc              | 3579                   |
| connection                       |                 | A 118                  |
| cylinder type                    |                 | multi purpose          |
| acting type                      |                 | single                 |
| return type                      |                 | spring                 |
| material                         |                 | steel                  |
| weight, ready for use            | kg              | 64.1                   |
| ASME                             |                 | B30.1                  |

| Technical drawing dimensions |            |              |
|------------------------------|------------|--------------|
| dimension A                  | mm         | 418          |
| dimension B                  | mm         | 175          |
| dimension C1                 | mm         | 117          |
| dimension C2                 | mm         | 72           |
| dimension D                  | mm         | 80           |
| dimension E                  | mm         | 30           |
| dimension F                  | mm         | 410          |
| 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         | 225          |
| dimension U                  | mm         | 54           |
| angle A1                     | °          | 45           |

| Standard supplied with                                                                                                                                                                                                |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <ul style="list-style-type: none"> <li>• Collar thread and base mounting holes</li> <li>• Internal plunger thread on all models to 50 tons</li> <li>• High flow female coupler A118</li> <li>• Flat saddle</li> </ul> |  |



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