

# HGC 50 S 10 | Multi Purpose Cylinder

| Specifications                   |         |                        |
|----------------------------------|---------|------------------------|
| article number                   |         | 100.112.250            |
| short description                |         | Multi Purpose Cylinder |
| model                            |         | HGC 50 S 10            |
| max. working pressure            | psi     | 10443                  |
| tonnage                          | lb      | 110231.0               |
| stroke                           | in      | 3.9                    |
| closed height                    | in      | 8.9                    |
| capacity                         | lbf     | 114653                 |
| effective pressure area          | sq. in. | 11                     |
| required oil content (effective) | oz      | 24                     |
| connection                       |         | A 118                  |
| cylinder type                    |         | multi purpose          |
| acting type                      |         | single                 |
| return type                      |         | spring                 |
| material                         |         | steel                  |
| weight, ready for use            | lb      | 41.7                   |
| ASME                             |         | B30.1                  |

| Technical drawing dimensions |            |             |
|------------------------------|------------|-------------|
| dimension A                  | in         | 8.9         |
| dimension B                  | in         | 5           |
| dimension C1                 | in         | 3.2         |
| dimension C2                 | in         | 2.2         |
| dimension D                  | in         | 3.1         |
| dimension E                  | in         | 1           |
| dimension F                  | in         | 8.7         |
| dimension G                  | in         | 0.3         |
| dimension J                  | threadsize | 5"-12-UN    |
| dimension K                  | in         | 2.2         |
| dimension L                  | in         | 2.6         |
| dimension M                  | in         | 0.4         |
| dimension N                  | in         | 3.3         |
| dimension O                  | threadsize | M12x18 (2x) |
| dimension Q                  | in         | 2           |
| angle A1                     | °          | 90          |
| angle A2                     | °          | 40          |

| 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> |  |

| Accessories                    |             |
|--------------------------------|-------------|
| Assembly / Welding Ring HGC 50 | 100.182.194 |

