



**V250CE Compact Block Hydraulic Cylinder**

The V250CE cylinders have been specially designed for being extremely compact and for applying the integrated end stroke magnetic switches. Furthermore their construction permits a high standardization with consequent lower price and immediate delivery time. Available bores: from 25 to 100 mm. Strokes 20, 50 and 80 mm. Depending on the bore. These cylinders are ideal for short stroke slides and cores on plastic injection moulds. The use for heavy duties is not recommended.

**Technical Features:**

- Max. working pressure: up to 250 bar (3625 PSI)
- Bore Size: 25 to 100 mm
- Rod Size: 18 to 45 mm
- Max. working temperature :
  - Magnetic version: 80°C - 176°F
  - Non-Magnetic version: 100°C - 212°F
- Stroke : 20, 50 and 80 mm (according to the bore size)



**V215CR Tie Rod Hydraulic Cylinder**

The cylinders of V215CR range are built according to ISO 6020/2 Compact Norms and they are changeable with other similar cylinders (with reserve; personally verify all dimensions) This model permits a wide range of applications with the best compromise between quality and price where not particular requirements about pressure, temperature, dimensions are requested. Till bore 160 magnetic switches can be applied (with a proper version).

**Technical Features:**

- Max. working pressure: up to 215 bar (3117 PSI)
- Bore Size: 25 to 200 mm
- Rod Size: 12 to 140 mm
- Max. working temperature :
  - Magnetic version: 80°C - 176°F
  - Non-Magnetic version: 120°C - 248°F
- Stroke: 20 and 1500 mm (according to the bore size)



**V260CF Self-Locking Rod Hydraulic Cylinder**

The V260CF are double-acting hydraulic cylinders with a mechanical locking system of the rod in the end stroke position (extended rod), which permits to contrast very high opposite thrusts. Such a solution is widely applicable in the field of plastic injection and die-casting molds, in order to stand the injection pressure on large molding surfaces. The rod is hydraulically unlocked automatically when the piston comes back. **WARNING:** For a correct functioning the cylinder it's necessary to complete all the times the total available cylinder stroke, both forward and backward, in order to assuring the locking on one side and to avoid hammer-effects on piston-rod screw on the other side. For a firm locking it is necessary to keep the oil in pressure, when pushing, at a minimum of 120 bar-1740 PSI. - Pay great attention to the traction force, which is considerably lower than the thrust.

**Technical Features:**

- Max. working pressure: up to 260 bar (3770 PSI)
- Bore Size: 30 to 84 mm
- Rod Size: 20 to 60 mm
- Stroke: 30 and 150 mm (according to the bore size)