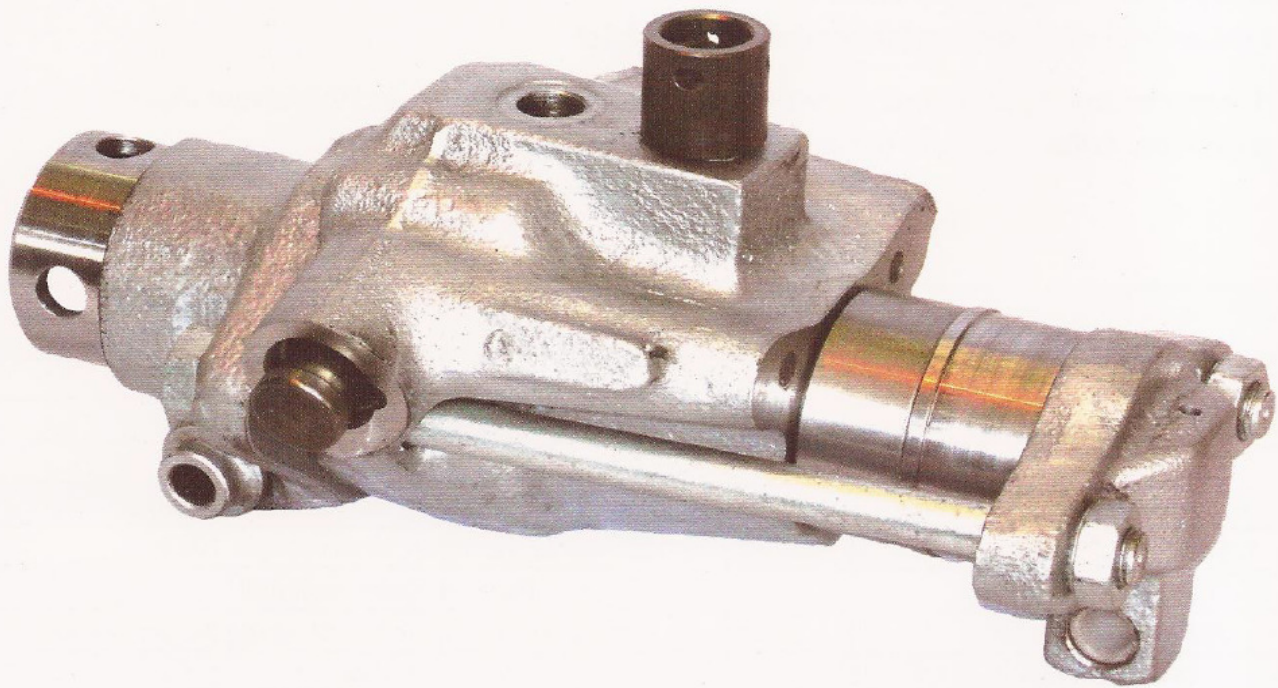

COMPACT ROOFBOLT DRILL

FOR ROOFBOLTING IN NARROW STOPES



NOVATEK

INNOVATION IN MINING

www.novatek.co.za +27 (11) 210-0700

APPLICATION

- Hydropowered drilling of roofbolt holes in narrow stopes, usually using a rig or feed.
- The shorter length allows a longer drillsteel to be drilled between passes, reducing the time spent on drillsteel changes.
- Typically used in stopes up to 1.5 m wide.
- Not suitable for drilling holes longer than approx 1.5m.

(NOTE: For roofbolting applications, suitable drilling gaskets must be used to prevent ingress of rock cuttings from the drilled hole into the drill.)

SPECIFICATIONS

| | |
|-----------------------|---|
| OPERATING FLUID | Clear water to COMRO WHP 70 spec, preferably filtered to 50 microns, temperature 5 to 30 deg C. |
| OPERATING PRESSURE | 12 - 16 MPa |
| FLOWRATE (NOMINAL) | Approx 43 ℓ/min |
| MASS | Approx 18 kg |
| OVERALL LENGTH | Approx 360 mm, 330 mm to front of chuck |
| DRILLSTEEL SHANK SIZE | 22 mm AF Hexagon, shank length 108 mm |
| FLUSHING WATER | Exhaust water from drill |
| PENETRATION RATE | Up to 0.5 (horizontal) m/min in Norite using 34 mm button bit |
| BLOW ENERGY | Pending |
| BLOW FREQUENCY | 120Hz |
| DRILLING TORQUE | Typically 60 – 100 Nm |
| STALL TORQUE | Up to 200 Nm |
| SOUND PRESSURE | Approx 107 dBA (semi free field conditions) |
| FEED FORCE | 600 to 1200 N |
| MOUNTING AND CONTROLS | Feed mount, remote control start and feed |

Note that specifications are subject to change without notice. Products are subject to patent protection.