

HYPHER 181S DTH HAMMER QL200S



Technical Specification

Robit® HYPER 181S (QL200S)

Valveless Hammer 724 mm (28½") - 864 mm (34") dia. Holes

The Robit Hyper 181S hammer is a valveless DTH hammer designed to operate efficiently at pressures ranging from 7 to 15.5 bar (100 - 225 psi). The Hyper 181 is supplied with a 8½" API regular pin backhead as standard but a 8½" API regular box backhead can be supplied.

Component parts

| | | |
|----|-----------------------|-----------------|
| 1 | Backhead 8½" Reg. Pin | HSH1813882M |
| 2 | Backhead 'O' Ring | HSH18114 |
| 3 | Check Valve | HSH18108 |
| 4 | Check Valve Spring | HSH18110 |
| 5 | Valve Chest | HSH18107 |
| 6 | Compression Buffer | HSH18128 |
| 7 | Buffer Cover | HSH18173 |
| 8 | Tube Holder | HSH18131 |
| 9 | Tube Buffers (2) | HSH18129 |
| 10 | Tube 'O' Ring | HSH18130A |
| 11 | Control Tube | HSH18130 |
| 12 | Piston | HSH18103180 |
| 13 | Wearsleeve | HSH18100 |
| 14 | Bit Retaining Ring | HSH18137101 |
| 15 | Chuck | HSH18135101 |
| 16 | Chuck Bearing | HSH18135101BE |
| 17 | Chuck Bearing | HSH18135101BEAC |
| 18 | Breakout Washers (2) | HSH18126 |

Complete Hammer

BR181H04

Air consumption (Pressure at Compressor)

| PSI | BAR | m ³ /min | ft ³ /min |
|-----|------|---------------------|----------------------|
| 100 | 6.9 | 31.1 | 1097 |
| 150 | 10.3 | 57.1 | 2016 |
| 175 | 12.0 | 71.9 | 2541 |
| 200 | 13.8 | 87.9 | 3105 |
| 225 | 15.5 | 104.9 | 3705 |

Hammer specification

| | Imperial | Metric |
|-------------------|----------|---------|
| Weight (less bit) | 3846 lbs | 1748 kg |
| Length (less bit) | 90.66" | 2303 mm |
| Outside dia. | 16" | 406 mm |
| Piston weight | 730 lbs | 330 kg |

