

HYPHER 241S DTH HAMMER



Technical Specification

Robit® HYPER 241S

Valveless Hammer 864 mm (34") - 1090 mm (43") dia. Holes

The Robit Hyper 241S hammer is a valveless DTH hammer designed to operate efficiently at pressures ranging from 7 to 15 bar (100 - 220 psi). The Hyper 241S is supplied with a 10" beco pin backhead as standard, but an 8 5/8" box backhead can be supplied. A positive seating check valve is fitted. The Hyper 241S is supplied to suit the XL24/32 shank as standard.

Component parts

| | | |
|------------------------|-------------------------------|------------------|
| 1 | Backhead Adaptor 10" Beco Pin | HSH24138AD083M |
| 2 | Breakout washer (adaptor) | HSH24127 |
| 3 | Internal Washer Adaptor | HSH24106 |
| 4 | Check Valve | HSH24108 |
| 5 | Check Valve Spring | HSH24110 |
| 6 | Valve Chest | HSH24104 |
| 7 | Compression Buffer | HSH24128 |
| 8 | Control Tube Buffer (2) | HSH24129 |
| 9 | Control Tube | HSH24130 |
| 10 | Backhead | HSH24138 |
| 11 | Breakout Washer (backhead) | HSH24125 |
| 12 | Backhead sealing "O" ring | HSH241114B |
| 13 | Piston | HSH241S03XL24 |
| 14 | Wearsleeve | HSH241S00 |
| 15 | Breakout Washer (chuck) | HSH241S26 |
| 16 | Bit Retaining Ring | HSH241S37XL24 |
| 17 | Chuck Bearing | HSH241S35XL24BE |
| 18 | Chuck | HSH241S35XL24 |
| Complete Hammer | | BR241SH01 |

Air consumption (Pressure at Compressor)

| PSI | BAR | m ³ /min | ft ³ /min |
|-----|------|---------------------|----------------------|
| 100 | 6.9 | 64.6 | 2281 |
| 125 | 8.6 | 90.3 | 3188 |
| 150 | 10.3 | 118.7 | 4191 |
| 175 | 12.0 | 149.5 | 5281 |
| 200 | 13.8 | 182.7 | 6452 |
| 225 | 15.5 | 218 | 7699 |

Hammer specification

| | Imperial | Metric |
|-------------------|----------|---------|
| Weight (less bit) | 8800 lbs | 4000 kg |
| Length (less bit) | 100" | 2540 mm |
| Outside dia. | 29.3" | 745 mm |
| Piston weight | 1276 lbs | 580 kg |

