

# HYPER SERIES HAMMERS

## HYPER 121

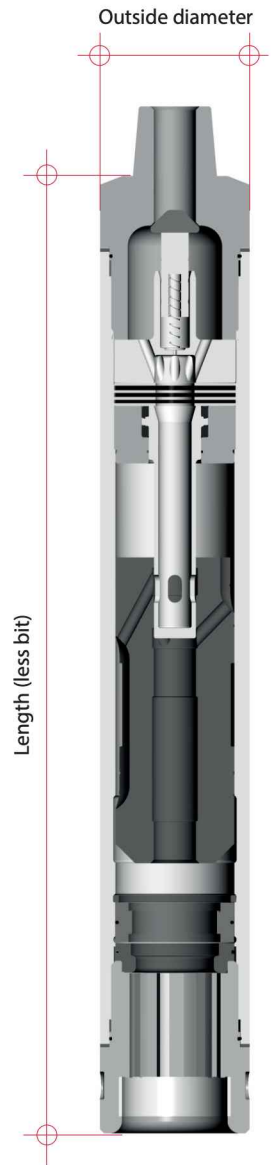
Hammer 302 mm (11 7/8") - 445 mm (17 1/2") diameter holes

A reliable hammer designed to perform over a wide range of operating air pressures

- Fitted with a positive seating water check valve and a solid choke
- Standard 6 5/8" API reg. pin backhead
- SD12 bit shank fitting (alternative QL120 and DHD112 available upon request)

### Component parts

| Ref | Description   | Part number     |
|-----|---|-----------------|
| 1   | Backhead  | HSH1213880M     |
| 2   | Backhead / Chuck O-ring (2)                               | HSH12114        |
| 3   | Check Valve   | HSH12108        |
| 4   | Check Valve Spring  | HSH12110        |
| 5   | Diverter  | HSH12120        |
| 6   | Compression Buffer  | HSH12128        |
| 7   | Control Tube Holder                                       | HSH12131        |
| 8   | Control Tube Buffers (2)                                  | HSH12129        |
| 9   | Control Tube O-ring                                       | HSH12130A       |
| 10  | Control Tube  | HSH12130        |
| 11  | Piston SD12/DHD112  | HSH12103048     |
| 12  | Wear Sleeve   | HSH12100        |
| 13  | Piston Retaining Ring                                     | HSH12132        |
| 15  | Bit Retainer (pair) SD12                                  | HSH12137048     |
| 16  | Bit Retainer O-ring                                       | HSH12137A050    |
| 17  | Chuck SD12  | HSH12135048     |
| 19  | Breakout washer backhead                                  | HSH12126        |
| 20  | Breakout Washer chuck                                     | HSH12125        |
|     | Service Kit Hyper 121 incl. (2,4,6,8,9,16,19,20)          | HSH121SERVKIT   |
|     | Repair Kit Hyper 121 incl.(2,3,4,6,8,9,13,15,16,17,19,20) | HSH121REPKIT    |
|     | <b>Complete Hammer</b>                                    | <b>BR121H03</b> |



DTH Hammers

### Air consumption (Pressure at Compressor)

| PSI | BAR  | m <sup>3</sup> /min | ft <sup>3</sup> /min |
|-----|------|---------------------|----------------------|
| 100 | 6.9  | 20                  | 718                  |
| 150 | 10.3 | 35                  | 1242                 |
| 200 | 13.8 | 51                  | 1804                 |
| 250 | 17.2 | 67                  | 2382                 |

### Hammer specification

|                   | Imperial | Metric  |
|-------------------|----------|---------|
| Weight (less bit) | 1380 lbs | 626 kg  |
| Length (less bit) | 73.7"    | 1872 mm |
| Outside dia.      | 10.7"    | 272 mm  |
| Piston weight     | 275 lbs  | 125 kg  |

