

## Operational Data

| Standard Version            |           |           |            |            |             |             |             |             |
|-----------------------------|-----------|-----------|------------|------------|-------------|-------------|-------------|-------------|
| ITEM                        | SERIES    |           |            |            |             |             |             |             |
|                             | 901       | 902       | 903        | 904        | 905         | 906         | 907         | 908         |
| Check Valve OD              | 1 9/32    | 1 25/32   | 2 5/32     | 2 15/64    | 2 15/32     | 2 27/32     | 3 3/64      | 3 7/64      |
| Requested Drill String ID   | 1 11/32   | 1 27/32   | 2 7/32     | 2 19/64    | 2 17/32     | 2 29/32     | 3 7/64      | 3 11/64     |
| Check Valve ID              | 3/8       | 5/8       | 3/4        | 7/8        | 1 1/8       | 1 3/8       | 1 9/16      | 1 11/16     |
| Check Valve weight (lbs/kg) | 5.3 / 2.4 | 6.6 / 3.0 | 15.4 / 7.0 | 19.0 / 8.6 | 24.4 / 11.0 | 28.2 / 12.8 | 32.7 / 14.8 | 38.0 / 15.8 |
| Landing Sub Drift diameter  | 1 7/64    | 1 29/64   | 1 27/32    | 2 7/64     | 2 1/8       | 2 33/64     | 2 11/16     | 2 25/32     |
| Overshot weight (lbs/kg)    | 1.3 / 0.6 | 3.8 / 1.7 | 4.8 / 2.2  | 5.8 / 2.6  | 8.8 / 4.0   | 9.3 / 4.2   | 10.1 / 4.6  | 11.0 / 5.0  |

## Spare Parts and References

| Standard Version                                  |            |            |            |            |            |            |            |            |
|---|------------|------------|------------|------------|------------|------------|------------|------------|
| ITEM  | SERIES     |            |            |            |            |            |            |            |
|   | 901        | 902        | 903        | 904        | 905        | 906        | 907        | 908        |
| Overshot  | RD0901S001 | RD0902S001 | RD0903S001 | RD0904S001 | RD0905S001 | RD0906S001 | RD0907S001 | RD0908S001 |
| Check Valve                                       | RDV901S001 | RDV902S001 | RDV903S001 | RDV904S001 | RDV905S001 | RDV906S001 | RDV907S001 | RDV908S001 |
| Landing Sub Sleeve Kit<br>includes items L2 to L5 | RDS901S001 | RDS902S001 | RDS903S001 | RDS904S001 | RDS905S001 | RDS906S001 | RDS907S001 | RDS908S001 |
| Seal Kit includes items V6x2, V7x2, V9            | RDK901S001 | RDK902S001 | RDK903S001 | RDK904S001 | RDK905S001 | RDK906S001 | RDK907S001 | RDK908S001 |

| H <sub>2</sub> S Service Version                     |            |            |            |            |            |            |            |            |
|--|------------|------------|------------|------------|------------|------------|------------|------------|
| ITEM   | SERIES     |            |            |            |            |            |            |            |
|  | 901        | 902        | 903        | 904        | 905        | 906        | 907        | 908        |
| Overshot   | RD0901S001 | RD0902S001 | RD0903S001 | RD0904S001 | RD0905S001 | RD0906S001 | RD0907S001 | RD0908S001 |
| Check Valve  | RDV901H001 | RDV902H001 | RDV903H001 | RDV904H001 | RDV905H001 | RDV906H001 | RDV907H001 | RDV908H001 |
| Landing Sub Sleeve Kit<br>includes items L2,L3,L4,L6 | RDS901T001 | RDS902T001 | RDS903T001 | RDS904T001 | RDS905T001 | RDS906T001 | RDS907T001 | RDS908T001 |
| Seal Kit Includes items V6x2, V7x2, V9               | RDK901H001 | RDK902H001 | RDK903H001 | RDK904H001 | RDK905H001 | RDK906H001 | RDK907H001 | RDK908H001 |

## Operational Benefits

RDCVs body and internal parts are made of high grade heat treated steel. Sealing is achieved through a metal to metal contact between a ball and a seat.

Two RDCV versions exist to suit all drilling environments:

- The standard version which is suitable for normal drilling conditions.
- The H<sub>2</sub>S trim version which has been designed for H<sub>2</sub>S environments in which the internal parts are made of corrosion resistant materials matching the NACE MR0175 standard (latest edition), fitted in a standard steel landing sub.