



# HyPR ByPass

**The HyPR™ ByPass provides all the key features of our HyPR Hole Saver, with the additional benefit of an integrated single shot circulating sub.**

Activated by dropping a ball, the additional circulating path firstly offers the opportunity to clear debris from the well and mitigate a potential stuck pipe scenario, however should the string become stuck is also provides a secondary circulating path.

By providing a robust solution for drilling applications, the HyPR and HyPR ByPass can reduce the time of stuck pipe recovery from weeks into just several hours.

## BENEFITS

- Maximise hole recovery and reduce operational time on stuck pipe recovery
- Repeatable and predictable low-cost recovery from stuck pipe
- Eliminates the need for specialist wireline crews and reduces third party mobilization
- Fishing or cementing operations can be restarted almost immediately
- Ability to run multiples in one string
- Run in combination with the DAV MX™ Circsub for the ultimate contingency string



## SPECIFICATIONS

| Model | Size   | Dart Data       |             |       |              |                              |                               |                           |                 | Opening Ball <sup>(6)</sup> |              |
|-------|--------|-----------------|-------------|-------|--------------|------------------------------|-------------------------------|---------------------------|-----------------|-----------------------------|--------------|
|       |        | Dart Dimensions |             |       |              |                              |                               | Typical Flow              |                 | Piston ID (in)              | Ball OD (in) |
|       |        | OD (in)         | Length (in) |       | Fishing Tool | Std. Gap <sup>(2)</sup> (in) | Std. TFA <sup>(2)</sup> (in²) | Rate <sup>(4)</sup> (gpm) | Velocity (ft/s) |                             |              |
| Fish  | Cement |                 |             |       |              |                              |                               |                           |                 |                             |              |
| 50    | C      | 2.905           | 24.3        | 22.3  | HFT 50       | 0.04                         | 0.338                         | 450                       | 420             | 2.822                       | 2.832        |
|       | B      | 2.8             |             |       |              |                              |                               |                           |                 | 2.727                       | 2.737        |
|       |        |                 |             |       |              |                              |                               |                           |                 |                             |              |
|       | A      | 2.705           | 24.3        | 22.3  | HFT 50       | 0.04                         | 0.338                         | 450                       | 420             | 2.632                       | 2.642        |
|       | C      | 2.905           |             |       |              |                              |                               |                           |                 | 2.822                       | 2.832        |
|       | B      | 2.8             |             |       |              |                              |                               |                           |                 | 2.727                       | 2.737        |
|       |        |                 |             |       |              |                              |                               |                           |                 |                             |              |
|       | A      | 2.705           |             |       |              |                              |                               |                           |                 | 2.632                       | 2.642        |
| 38    | D      | 2.295           | 24.13       | 22.13 | HFT 38       | 0.04                         | 0.257                         | 350                       | 420             | 2.217                       | 2.227        |
|       | C      | 2.205           |             |       |              |                              |                               |                           |                 | 2.127                       | 2.137        |
|       | A      | 2.057           |             |       |              |                              |                               |                           |                 | 1.965                       | 1.98         |

(1) Speak to your local representative for information on availability. For Connections not in stock, longer lead time may apply.

(2) Gap/TFA can be adapted to suit hydraulics and mud solids.

(3) When tool is new.

(4) Typical required with 12.7 ppg mud.

(5) All HyPR Darts are fishable

(6) Fishable Dart to replace the Opening Balls are available upon request