

HYDRAULIC ACCELERATOR

DESCRIPTION

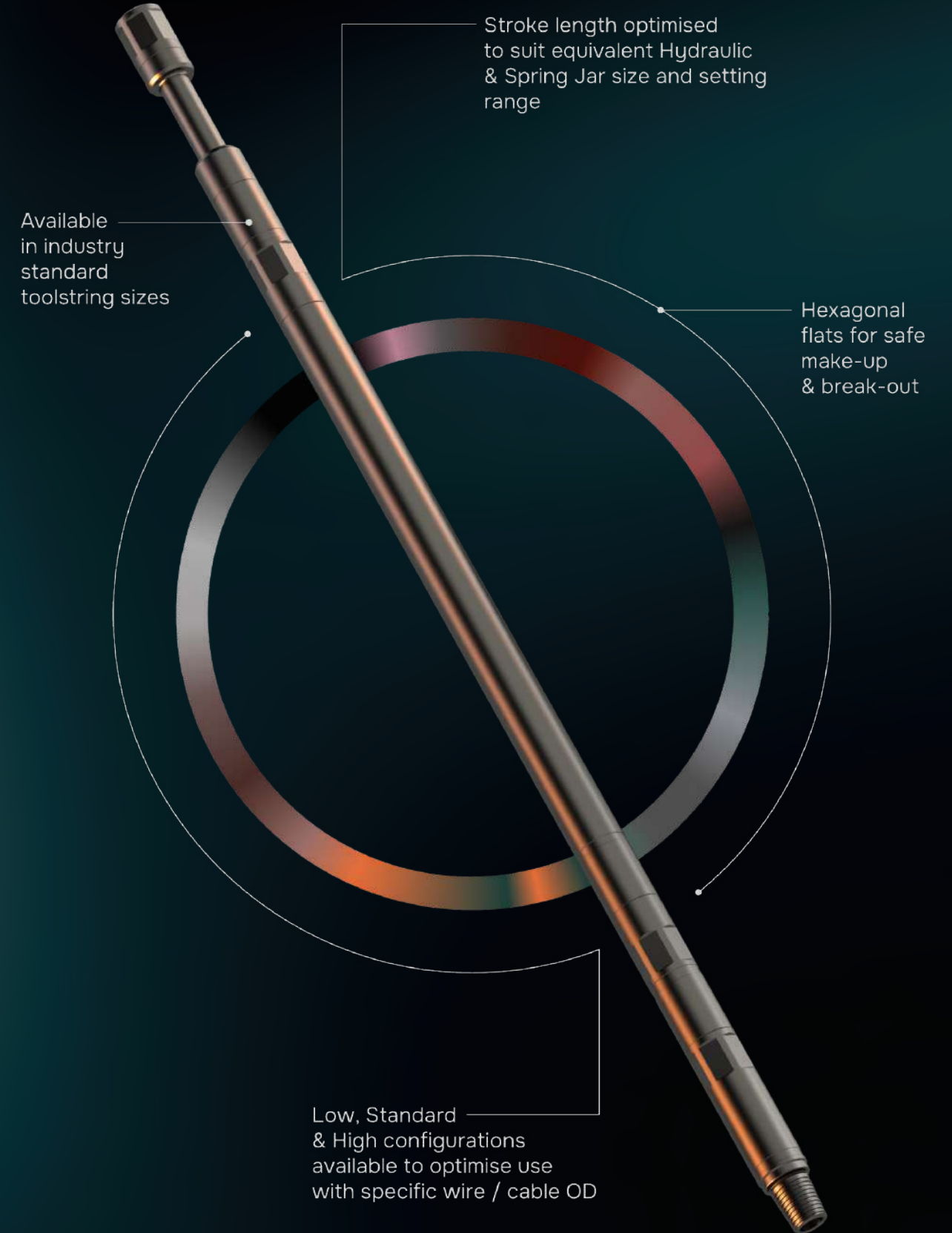
The Hydraulic Accelerator Sub is designed to enhance upward jarring impact when used in conjunction with the compatible Adjustable Spring or Hydraulic Jar.

The Accelerator Sub incorporates a sliding inner mandrel and belleville spring stack which is housed within a ported housing.

The Accelerator is configured above the Spring / Hydraulic Jar and Stem within a wireline toolstring. An upward pull compresses the spring stack and the energy stored is released as the Spring or Hydraulic Jar reaches the tripping point. At this point the toolstring accelerates rapidly until the top of the jar stroke is reached, creating significant upward impact. To optimise jar impact, the Accelerator can be deployed with Low, Standard or High Belleville spring stack configurations.

FEATURES

- Stroke length optimised to suit equivalent Hydraulic & Spring Jar size and setting range
- Low, Standard & High configurations available to optimise use with specific wire / cable OD
- Available in industry standard toolstring sizes
- Connection options to suit customer requirements
- Simple, robust design ensuring ease of operation for the user
- Hexagonal flats for safe make-up & break-out



 SYMOIL HYDRAULIC ACCELERATOR			HYDRAULIC ACCELERATOR			
OD in – [mm]	Load	Minimum Stroke in – [mm]	Maximum Stroke in – [mm]	Minimum Range lbs – [kg]	Maximum Range lbs – [kg]	Make up Length - Closed in – [mm]
1,5 - [38,1]	Standard	14 - [355,6]	15 - [381]	330 - [149,68536]	750 - [340,194]	61,57 - [1563,878]
1,5 - [38,1]	High	11 - [279,4]	14 - [355,6]	750 - [340,194]	1100 - [498,9512]	61,57 - [1563,878]
1,75 - [44,45]	Standard	15,6 - [396,24]	22,7 - [576,58]	550 - [249,4756]	1000 - [453,592]	68,59 - [1742,186]
1,75 - [44,45]	High	15,6 - [396,24]	17 - [431,8]	1000 - [453,592]	3000 - [1360,776]	68,59 - [1742,186]
1,875 - [47,625]	Standard	15,6 - [396,24]	22,7 - [576,58]	600 - [272,1552]	1500 - [680,388]	71 - [1803,4]
1,875 - [47,625]	High	15,6 - [396,24]	22,7 - [576,58]	1500 - [680,388]	3000 - [1360,776]	71 - [1803,4]
2,125 - [53,975]	Low	14 - [355,6]	28 - [711,2]	600 - [272,1552]	1000 - [453,592]	85,71 - [2177,034]
2,125 - [53,975]	Standard	13 - [330,2]	18 - [457,2]	1700 - [771,1064]	2250 - [1020,582]	85,71 - [2177,034]
2,125 - [53,975]	High	13 - [330,2]	16,5 - [419,1]	2250 - [1020,582]	1000 - [453,592]	85,71 - [2177,034]
2,5 - [63,5]	Standard	15,6 - [396,24]	22,7 - [576,58]	500 - [226,796]	3500 - [1587,572]	85,71 - [2177,034]
2,5 - [63,5]	High	15,6 - [396,24]	17,4 - [441,96]	3000 - [1360,776]	7000 - [3175,144]	83,79 - [2128,266]
2,875 - [73,025]	Low	8 - [203,2]	25,5 - [647,7]	1700 - [771,1064]	2250 - [1020,582]	83,79 - [2128,266]
2,875 - [73,025]	Standard	8 - [203,2]	19,5 - [495,3]	2700 - [1224,6984]	3500 - [1587,572]	85,71 - [2177,034]
2,875 - [73,025]	High	8 - [203,2]	14,5 - [368,3]	6000 - [2721,552]	6000 - [2721,552]	85,71 - [2177,034]
2,875 - [73,025]	Low	8 - [203,2]	25,5 - [647,7]	1100 - [498,9512]	2250 - [1020,582]	85,71 - [2177,034]
2,875 - [73,025]	Standard	8 - [203,2]	19,5 - [495,3]	1700 - [771,1064]	3500 - [1587,572]	85,71 - [2177,034]
2,875 - [73,025]	High	8 - [203,2]	14,5 - [368,3]	3000 - [1360,776]	6000 - [2721,552]	85,71 - [2177,034]
SYMOIL PRODUCTS CATALOGUE						