

## HYDRAULIC SHOCK ABSORBER



JZY hydraulic shock absorber can use its inner compressible liquid to absorb or reduce impact and shock load on drill bit and drilling tools when drilling, so it is a kind of tool which can protect drill bit teeth, bearings and drilling tools, to prolong the service life of drill bit and drilling tools.

### Technical Specification

Model		JZY121	JZY159	JZY165	JZY178	JZY203	JZY229
<b>OD</b>	mm (inch)	121 (4-3/4)	159 (6-1/4)	165 (6-1/2)	178 (7)	203 (8)	229 (9)
<b>ID</b>	mm (inch)	35 (1-3/8)	50.8 (2)	50.8 (2)	55 (2-3/16)	68 (2-5/8)	75 (2-15/16)
<b>Tool Joint Connection</b>	API	3-1/2 REG	4-1/2 REG	NC50	NC50	6-5/8 REG	7-5/8 REG
<b>Max. Tensile Load</b>	KN (lbf)	1100 (247,000)	1500 (337,000)	1500 (337,000)	1800 (400,000)	2000 (450,000)	2100 (472,000)
<b>Tensile Yield</b>	KN (lbf)	1950 (438,000)	2000 (450,000)	2000 (450,000)	2400 (540,000)	3500 (790,000)	3600 (810,000)
<b>Torsional Limited</b>	KN·m (lbf·ft)	10 (7000)	15 (11,000)	15 (11,000)	15 (11,000)	20 (14,000)	20 (14,000)
<b>Torsional Yield</b>	KN·m (lbf·ft)	15 (11,000)	20 (14,000)	20 (14,000)	25 (18,000)	35 (25,000)	35 (25,000)
<b>Max. Pressure</b>	KN (lbf)	265 (59,000)	333 (74,000)	333 (74,000)	390 (87,000)	480 (108,000)	540 (121,000)
<b>Max. Stroke</b>	mm (inch)	100 (3-15/16)	120 (4-3/4)	120 (4-3/4)	140 (5-1/2)	140 (5-1/2)	140 (5-1/2)
<b>Overall Length</b>	mm (ft)	4105 (13.5)	3926 (12.9)	3926 (12.9)	4065 (13.3)	4050 (13.2)	4100 (13.5)

