

DOUBLE WAY HYDRAULIC SHOCK ABSORBER



JQ-YS double way hydraulic shock absorber is a kind of shock absorber which can slow down or eliminate shock both in vertical and axial direction. This tool can keep the normal bit pressure and torque, therefore it can reduce the damage of drill bit, drilling tools and ground equipment due to shock, to achieve the purpose of improving drilling rate and reducing the drilling costs.

Technical Specification

Model		JQ-YS121	JQ-YS159	JQ-YS178	JQ-YS203	JQ-YS229
OD	mm (inch)	121 (4-3/4)	159 (6-1/4)	178 (7)	203 (8)	229 (9)
ID	mm (inch)	38 (1-1/2)	44.5 (1-3/4)	50.8 (2)	65 (2-9/16)	71.4 (2-13/16)
Tool Joint Connection	API	NC38	NC50	NC50	6-5/8 REG	7-5/8 REG
Max. Tensile Load	KN (lbf)	1000 (225,000)	1500 (337,000)	1500 (337,000)	2000 (450,000)	2100 (472,000)
Tensile Yield	KN (lbf)	1600 (360,000)	2500 (562,000)	2500 (562,000)	3500 (790,000)	3600 (810,000)
Torsional Limited	KN·m (lbf·ft)	10 (7000)	15 (11,000)	15 (11,000)	20 (14,000)	20 (14,000)
Torsional Yield	KN·m (lbf·ft)	15 (11,000)	25 (18,000)	25 (18,000)	35 (25,000)	35 (25,000)
Max. Pressure	KN (lbf)	250 (56,200)	300 (67,500)	350 (79,000)	450 (100,000)	540 (121,000)
Max. Stroke	mm (inch)	80 (3-1/8)	100 (3-15/16)	100 (3-15/16)	120 (4-3/4)	140 (5-1/2)
Overall Length	mm (ft)	5105 (16.7)	5221 (17.1)	5418 (17.8)	5731 (18.8)	5834 (19.1)

