

DOUBLE ACTING MECHANICAL- HYDRAULIC DRILLING JAR



SJYZ double acting mechanical-hydraulic drilling jar integrates upward jarring with downward jarring and has all advantages of both mechanical drilling jar and hydraulic drilling jar, it applies to all kinds of drilling operations and be used through combining with drilling tools. When the downhole tools get struck, it can generate upward jarring or downward jarring through lifting and landing drilling strings, and release block and stuck by several times jarring to recover normal drilling operation promptly. Avoiding resistance and stuck which may cause further accident and caused greater economic loss. If releasing force is failed, it can dynamically adjust at any time on sites.

Technical Specification

Model		SJYZ121	SJYZ165	SJYZ203
OD	mm (inch)	121 (4-3/4)	165 (6-1/2)	203 (8)
ID	mm (inch)	44.5 (1-3/4)	57.2 (2-1/4)	70 (2-3/4)
Tool Joint Connection	API	NC38	NC50	6-5/8 REG
Max. Upward Jarring Force	KN (lbf)	350 (79,000)	700 (160,000)	1000 (225,000)
Max. Downward Jarring Force	KN (lbf)	180 (40,000)	350 (79,000)	500 (112,000)
Max. Tensile Load	KN (lbf)	1100 (247,000)	2000 (450,000)	2800 (630,000)
Tensile Yield	KN (lbf)	1950 (438,000)	3750 (843,000)	6650 (1,495,000)
Torsional Limited	KN·m (lbf·ft)	15 (11,000)	30 (22,000)	45 (33,000)
Torsional Yield	KN·m (lbf·ft)	27 (20,000)	75 (55,000)	90 (66,000)
Overall Length	mm (ft)	8950 (29.4)	9310 (30.5)	9806 (32.2)

