JYQ型机械液压式随钻震击器

Hydro-Mechanical Drilling Jar Type JYQ



JYQ型机械液压式随钻震击器上击为液压式，实现上击吨位的无级调节，特殊设计的锁紧机构，可避免上击的误震击；下击为机械式。采用新型特殊材料，具有更高的性能和安全性;主要用于打定向井、深井等。

Model JYQ Drilling Jar can integrate the mechanical and hydraulic. The up jarring can be acted by hydraulic as to realize the stepless control of up jarring tonnage. The lock mechanism designed specially can avoid the mistaken jarring of up. The down jarring can be acted mechanically. It can adopt the new special material for higher property and safety. It can be used for directional hole, deep hole and so on.

Specifications

型号 Model	外径 O.D. mm (in)	内径 I.D. mm (in)	接头螺纹 Connection API	最大上击力 Max. Upward Jarring force kN(lb)	最大下击力 Max. Downward jarring force kN(lb)	许用拉力 Max working Load kN(lb)	屈服拉力 Tensie Yield Strength kN(lb)	许用扭矩 Max.Working Torgue kN(ft.lbs)	屈服扭矩 Torsional Yield Strength kN(ft.lbs)	总长 length mm (in)
JYQ121Ⅱ	121 (4-3/4)	57.2 (2 1/4)	NC38	350 (78000)	250 (56000)	900 (200000)	1350 (300000)	15 (11000)	27 (20000)	4500 (117.17)
JYQ159	159 (6-1/4)	57 (2 1/4)	NC46	700 (156000)	350 (78000)	1600 (360000)	2700 (600000)	25 (18000)	65 (48000)	5007 (197.13)
JYQ165	165 (6-1/2)	70 (2 3/4)	NC50	700 (156000)	350 (78000)	2000 (450000)	3200 (720000)	25 (18000)	75 (55000)	5256 (206.93)
JYQ178	178 (7)	70 (2 3/4)	NC50	800 (180000)	400 (90000)	2400 (540000)	3200 (720000)	30 (22000)	80 (59000)	5256 (206.93)
JYQ197	197 (7-3/4)	76.2 (3)	6 5/8REG	1000 (225000)	450 (100000)	2600 (580000)	5100 (1150000)	30 (22000)	100 (74000)	5095 (200.6)
JYQ203	203 (8)	76.2 (3)	6 5/8REG	1000 (225000)	450 (100000)	2800 (630000)	5200 (1170000)	35 (25800)	145 (100000)	5095 (200.6)
JYQ241	241 (9-1/2)	76.2 (3)	7 5/8REG	1400 (315000)	500 (112000)	3500 (780000)	9500 (2100000)	40 (30000)	180 (130000)	5300 (208.6)

YJHM型机械液压式随钻震击器

Mechanical & Hydraulic Drilling Jar Type YJHM



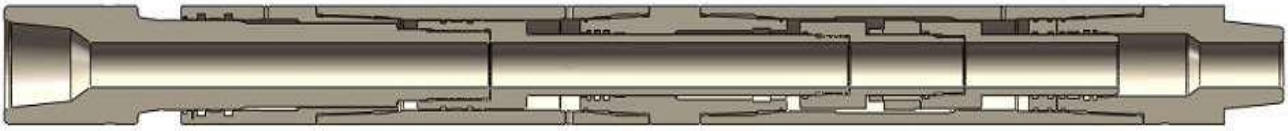
YJHM型机械/液压随钻震击器是JYQ的改进型。上击采用液压震击，实现吨位的无级调节，新型液压阀机构确保上击性能更稳定可靠；下击采用机械震击，特殊设计的调节机构可实现下击吨位手动调节，新型的卡瓦结构使下击性能更稳定，使用寿命更长。采用新型特殊材料，具有更高的力学性能和安全性;主要用于打定向井、深井等。

Model "YJHM" Drilling Jar belongs to the advanced product of model JYQ Jar. The up jarring can be acted by hydraulic as to realize the stepless tonnage control. The new hydraulic valve machine makes up-jarring more stable and reliable. The down jarring can be acted mechanically. And the adjusting mechanism designed specially can realize manual regulation of down-jarring tonnage; the special slips construction makes down-jarring more stable and larger service. It can adopt the new special material for higher property and safety. It can be used for directional hole, deep hole and so on.

Specifications

型号 Model	外径 O.D. mm (in)	内径 I.D. mm (in)	接头螺纹 Connection API	最大上击力 Max. Upward Jarring force kN(lb)	最大下击力 Max. Downward jarring force kN(lb)	许用拉力 Max working Load kN(lb)	屈服拉力 Tensie Yield Strength kN(lb)	许用扭矩 Max.Working Torgue kN(ft.lbs)	屈服扭矩 Torsional Yield Strength kN(ft.lbs)	总长 length mm (in)
YJ165HM	165 (6-1/2)	57 (2-1/4)	NC50	700 (156000)	350 (78000)	2000 (450000)	3750 (843000)	25 (18000)	75 (55000)	9000 (354.3)
YJ203HM	203 (8)	71.4 (2-3/4)	6 5/8REG	1000 (225000)	450 (100000)	2800 (630000)	6650 (1495000)	35 (25800)	145 (100000)	9000 (354.3)

SS型随钻上击器 Full-Hydraulic Drilling Jar Type SS



SS型随钻震上击器一种液压式随钻上击解卡工具，采用针阀式结构，震击为液压式上击，可实现上击吨位的无级调节。结构简单，易操作、易维修。

Type SS is a hydraulic up-jarring stuck freeing tool while drilling. It adopts needle valve structure. The tool is hydraulic up jarring only, which can realize stepless adjustment of up-jarring tonnage. Simple structure, easy operation and easy maintenance.

Specifications

型号 Model	工具外径 Tool OD mm (in)	水眼内径 ID mm (in)	接头螺纹 Connection API	许用工作拉力 Allowable Working Tensile kN(lb)	许用工作扭矩 Allowable Working Torsional kN· m(lb· ft)	最大上击力 Max. Up Jarring kN(lb)	上击行程 Up Stroke mm	拉开长度 Open Length mm
SS127	127 (5)	50 (2)	NC38	1100 (250000)	15 (11000)	350 (78000)	152	4209
SS172	172 (6-3/4)	57 (2 1/4)	NC50	2000 (450000)	25 (18000)	700 (160000)	152	4461
SS203	203 (8)	76.2 (3)	6 5/8REG	2800 (630000)	35 (26000)	1000 (225000)	152	4514