

DRILLING JARS

DOUBLE-ACTING HYDRAULIC

The HJDA drilling jar is a double acting hydraulic jar designed for use during drilling operations to apply an intensified force either up or down against a stuck portion of the drilling string

Applications:

- Downhole use in standard and high-temperature wellbores
- Vertical drilling
- Directional drilling
- Horizontal drilling
- Fishing operations
- Workover operations

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Technical Specifications:

	HJDA-105	HJDA-120	HJDA-165 (HJDA-170)	HJDA-203	HJDA-240
Overall Length (Closed Position), mm (not more)	6500	8500	8500	9700	10 000
Outer Diameter, mm	110	124	165 (175)	206	240
Inner Diameter, mm	50	56,3	70	70	76
Torsional Yield Strength, kgf*m	1500	2000	4000	6100	7500
Latch Load, kgf	20000... 30000	20000... 35000	35000... 55000	45000... 70000	45000... 70000
Tensile Yield Strength While Hydraulic Delay, kgf	30 000	35 000	80 000	110 000	140 000
Tensile Yield Strength, kgf	100 000	125 000	330 000	343 200	441 300
Working Stroke, mm	220	200	230	230	230
Total Stroke, mm	450	600	600	680	680
Hydraulic Delay Time, sec	20...30	40...150	40...180	40...180	40...180
Joint Connection API	NC-31 (2 7/8 IF)	NC-38 (3 1/2 IF)	NC-50 (4 1/2 IF)	6 5/8 Reg	7 5/8 Reg
Connection Type	Right	Right	Right	Right	Right
Max Bottomhole Temperature, °C	120	120	120	150	150
Max Bottomhole Temperature (HT Environment), °C	200	200	200	200	200