



YDC Prestressing hollow jack

Descriptions:

1. It is suitable for the tension of group anchors with 1860-2000 sizes, $\Phi 15.24$, $\Phi 12.7$ strands.
2. In some certain circumstance it can be used in the working of pushing, jacking and transforming and so on.
3. Easy to operate and used widely.

Notice: according to users' requirement, YDC prestressing jack can be configured

Applications:

It is matched with prestressed anchorage widely used in the construction of bridge and buildings, railway and subway, water conservancy and hydropower engineering.

Features:

YDC Feed-through jacks are the new designed products in our company, are the upgrades of the primary jacks.

1. Using new seals, to synchronous strengthen the seal-ability under great pressure.
2. Using special alloy steel with heat treatment process, reducing the cylinder's expansion ratio in the tensioning process. So the life of seals and sealing performance can be improved about 20%.
3. In the tensioning the operating process, jacks is easily damaged under overpressure because of the jack-based pullback cylinder, so we added the overpressure valve on the jacks to pressure production. Meanwhile we improved the original of commonly used structure by wire disc and flanged disc, to make the bearing capacity for oil pressure strengthen. So enormously reduce the possibility of mechanical damage due to improper operation.

In the word, the YDC series feed-through jacks' performance is improved, and widely used in pre-stressing and post stressing construction.

Technical parameter:

Item/Dimensions	Nominal Tension	Rated Oil Pressure	Pulling Stroke	Area of Tensioning Piston	Center hole Diameter	Minimum Working Space		The Reserved Length of Strand	Over dimension	
	KN	Mpa	mm	mm ²	mm	L(mm)	E(mm)	K(mm)	outer diameter(mm)	length (mm)
YDC60	60	54	150	1119	30	874	59.5	387	70	287
YDC130	130	50	160	2592	30	838	77	395	90	295
YDC270	270	61	185	4418	30	888	89	415	105	315

YDC650	650	50	150	13018	40	860	145	380	170	288
YDC1100	1100	51	200	19792	80	1210	184	680	217	330
YDC1500	1500	50	200	30257	90	1210	230	680	270	330
YDC2000	2000	51	200	39820	110	1296	272	723	320	360
YDC2500	2500	52	200	48381	127	1306	298	728	350	360
YDC3000	3000	52	200	57727	145	1322	336	736	375	380
YDC3500	3500	48	200	73435	162	1322	336	745	415	395
YDC4000	4000	51	200	79168	162	1324	374	745	435	395
YDC4600	4600	51	200	91028	180	1350	420	750	470	410
YDC5000	5000	49	200	96997	200	1340	434	745	495	410
YDC5500	5500	50	200	110506	198	1350	520	800	526	498
YDC6500	6500	49	200	67544	212	1350	550	850	568	538
YDC9000	9000	51	200	78618	275	1400	620	900	680	603
YDC12000	12000	51	200	231300	275	1400	620	900	780	603

The photo of prestressing jack

