

### Pneumatic pipe clutch

Pneumatic pipe clutch, The friction plate is fixed on pneumatic tires directly, it transmit torque by tires. The common pneumatic has simple structure, low manufacturing and installation technical requirements, but the volume of the pneumatic tire is larger, need to inflate and deflate for a long time, so it is easy to slip.

Pneumatic pipe clutch models:

Type		LT300/100	LT500/125	LT600/125	LT700/200	LT700/135CBC	LT800/135
Rotary speed r/min	Max	2332-2667	1642-1877	1352-1547	1315-1504	1198-1450	1099-1328
	Rating	1348-1542	949-1085	781-894	760-894	687-881	635-768
Torsional moment N.m	Max	3080-4030	10455-13670	14810-19360	33080-43270	22350-32660	28850-42160
	Rating	2025-2686	6790-9114	9875-12908	22060-28850	14900-21775	19230-28080
Working pressure, Mpa		0.7-0.9	0.7-0.9	0.7-0.9	0.7-0.9	0.7-1.0	0.7-1.0
Pneumatic tube cubage,L		1.3	5.5	5.5	17	2-4	2.4-5
Attrition annulus dia.mm		Φ300	Φ497	Φ597	Φ695	Φ700	Φ800
Joint link size	Max.dia.	Φ450	Φ720	Φ820	Φ1000	Φ900	Φ1015
	Max width	115	154	154	246	176	176
	Orientation dia.	Φ450d11	Φ720h11	Φ820d9	Φ1000h11	Φ900k9	Φ1015h11
	Bolt number and dia.	12-Φ13H12	12-Φ17H12	16-Φ17H12	12-Φ27H12 4-Φ25H8	20-Φ17H12	18-Φ17H12 6-Φ17H19
	Bolt distributing dia.	Φ430	Φ690	Φ790	Φ950	Φ870	Φ950
Air inlet pipe screw thread		M20*1.5	M20*1.5	M20*1.5	M33*1.5	2-M20*1.5	2-M20*1.5

The function of the Pneumatic pipe clutch

Pneumatic pipe clutch is one of the important driving parts between oil rigs and oil workover rig. It is used to pass the torque transmission system and separation in the process of drilling and workover works. Its main function as followings:

Transfer torque in the power transmission system;

Acts as the clutch to transmission torque in the pump group;

To be used as pneumatic brake when special conditions.

Characteristics

Running smoothly, quickly;

Gap uniform;

Safe and reliable;

Clutch production in accordance with the industry standard SY/T6760-2010.