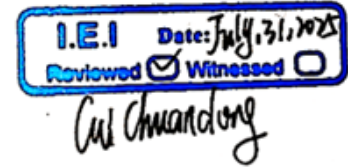


验收准则: DI003-ZJS14001/G

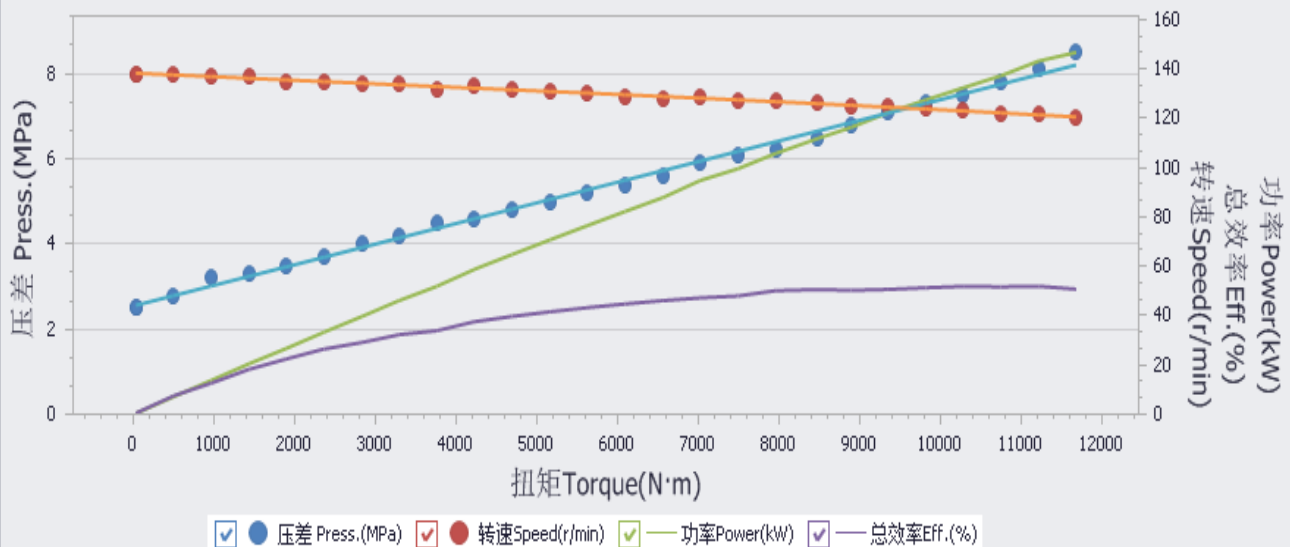
生产厂家(manufacturing plant):
操作人员(Operator of Testing):
钻具型号(Type of Drilling):
试验设备(Device of Testing):
试验日期(Testing Date):
定子号/尺寸(Stator No./Dim.):
转子号/尺寸(Rotor No./Dim.):
过盈量(Interference Fit):
排量(Flow):
启动排量/入口压力()
旁通阀关闭压力/排量():
旁通阀打开压力/排量():
备注(Remark):

德州联合石油科技股份有限公司
赵建辉
7LZ203×7.0-V-KW(630×630-306)
75DGSY
25.04.25
2503026
2503001
0.07
34

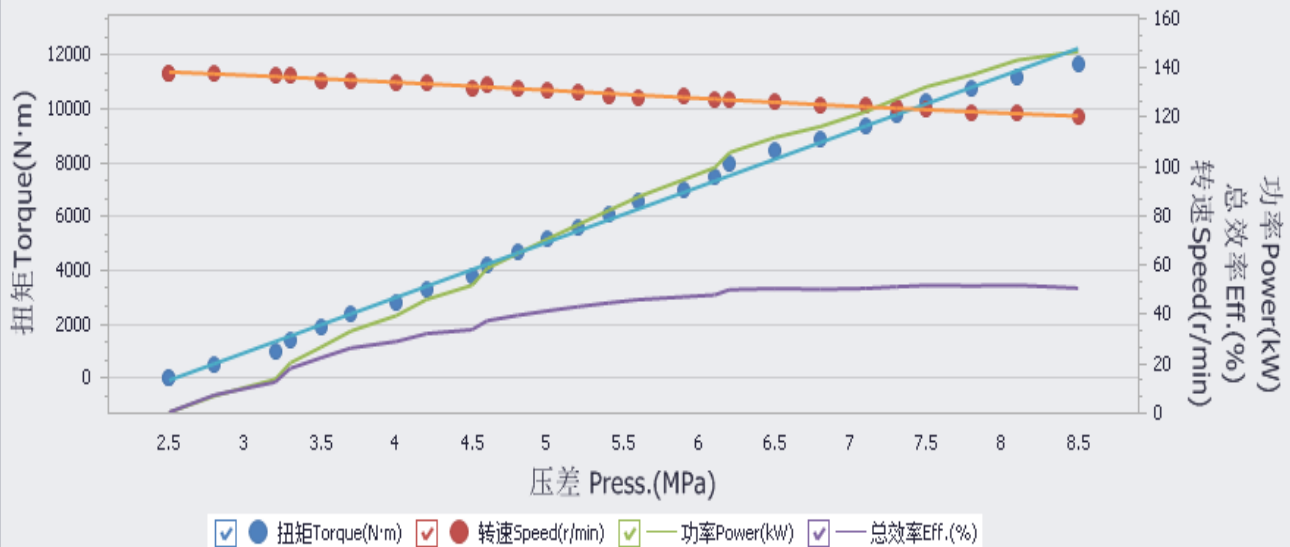


DT25030087

螺杆钻具的动力特性 Dynamic performance of DHM



螺杆钻具的动力特性 Dynamic performance of DHM



各种状态下的数据处理结果

A variety of state data processing results

	扭矩	效率	功率	转速	压差
	Torque	Eff.	Power	Speed	Press.
	N • m	%	KW	r/min	Mpa
空转状态no-load	31	0.53	0.45	138	2.5
效率最高MaxEff.	11209	51.99	143.19	122	8.1
功率最高MaxPower	11675	50.76	146.70	120	8.5
扭矩最高MaxTorque	11675	50.76	146.70	120	8.5

试 验 数 据

Testing Data

扭 矩	效 率	功 率	转 速	进口压力	出口压力	循环流量	温 度	壳体温度
Torque	Eff.	Power	Speed	Press.	Press.	Flowrate	Temp	ShellTemp
N • m	%	KW	r/min	Mpa	Mpa	L/s	℃	℃
31.00	0.53	0.45	138	2.5	0	34	16.4	36
494.00	7.50	7.14	138	2.8	0	34	16.4	36
963.00	12.70	13.81	137	3.2	0	34	16.4	37
1429.00	18.27	20.50	137	3.3	0	34	16.4	37
1895.00	22.51	26.79	135	3.5	0	34	16.4	37
2361.00	26.53	33.38	135	3.7	0	34	16.4	37
2827.00	29.17	39.67	134	4	0	34	16.4	37
3293.00	32.36	46.21	134	4.2	0	34	16.4	37
3759.00	33.96	51.96	132	4.5	0	34	16.4	37
4225.00	37.62	58.84	133	4.6	0	34	16.4	37
4691.00	39.73	64.84	132	4.8	0	34	16.4	37
5157.00	41.61	70.74	131	5	0	34	16.4	37
5623.00	43.29	76.54	130	5.2	0	34	16.5	37
6089.00	44.80	82.25	129	5.4	0	34	16.5	38
6555.00	46.14	87.86	128	5.6	0	34	16.5	38
7021.00	47.28	94.84	129	5.9	0	34	16.5	38
7487.00	48.01	99.57	127	6.1	0	34	16.5	38
7953.00	50.17	105.76	127	6.2	0	34	16.5	38
8479.00	50.62	111.87	126	6.5	0	34	16.4	37
8884.00	50.30	116.28	125	6.8	0	34	16.4	37
9349.00	50.69	122.37	125	7.1	0	34	16.4	37
9814.00	51.34	127.43	124	7.3	0	34	16.4	37
10279.00	51.92	132.39	123	7.5	0	34	16.4	37
10744.00	51.75	137.25	122	7.8	0	34	16.4	37
11209.00	51.99	143.19	122	8.1	0	34	16.4	37
11675.00	50.76	146.70	120	8.5	0	34	16.4	37