

ACCUMULATOR BOP CONTROL SYSTEM

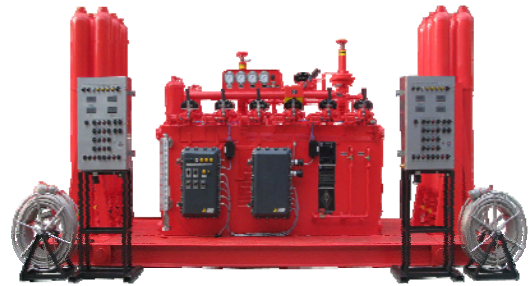
Accumulator BOP Control System

Accumulator BOP control system, also called as BOP closing unit, is one important system in drilling and work-over operation.

As per different working conditions, accumulator BOP control system can be in pneumatic, hydraulic, or electric control.

All accumulator BOP control system (BOP closing unit) Jereh provides are made according to API Spec 16D, can be used to replace Koomey closing unit (Koomey accumulator).

Customized BOP closing unit can be available too.



Accumulator BOP Control System

Technical Specifications of Accumulator BOP Control System (BOP Closing Unit)

Item	Accumulator Model	Number of Controlled Objects				Accumulator Sets		
		Annular	Ram	Choke	Spare	Nomi. Volume (L)	Eff. Volume (L)	Alignment
1	JD-FK50-2C		1	1		25 X 2	25	Rear
2	JD-FK75-2		1		1	25 X 3	37.5	Rear
3	JD-FK125-2		1		1	25 X 5	62.5	Rear
4	JD-FK125-3		1	1	1	25 X 5	62.5	Rear
5	JD-FK150-2		1		1	25 X 6	75	Rear
6	JD-FK240-3	1	1		1	40 X 6	120	Rear
7	JD-FKQ320-3	1	2			40 X 8	160	Rear
8	JD-FKQ320-4	1	2		1	40 X 8	160	Rear
9	JD-FKQ320-4H	1	2		1	40 X 12	160	Rear
10	JD-FKQ480-5	1	2	1	1	40 X 12	240	Rear
11	JD-FKQ480-5A	1	2	1	1	40 X 12	240	Rear
12	JD-FKQ480-6	1	2	1	2	40 X 14	240	Rear
13	JD-FKQ560-6	1	3	1	1	40 X 14	280	Side
14	JD-FKDQ560-6	1	3	1	1	40 X 16	280	Side
15	JD-FKQ640-6H	1	3	1	1	40 X 16	320	Side
16	JD-FKDQ640-6	1	3	2	1	40 X 16	320	Side
17	JD-FKQ640-7	1	3	2	1	40 X 16	320	Side
18	JD-FKDQ640-7	1	3	2	1	40 X 18	320	Side
19	JD-FKQ720-6	1	3	2	1	40 X 18	360	Side
20	JD-FKQ720-7	1	3	2	1	40 X 18	360	Side
21	JD-FKQ720-7A	1	3	2	1	40 X 20	360	Side
22	JD-FKQ800-6	1	3	1	1	40 X 20	400	Side

23	JD-FKDQ800-6	1	3	1	1	40 X 20	400	Side
24	JD-FKQ800-7	1	3	2	1	40 X 20	400	Side
25	JD-FKDQ800-7	1	3	2	1	40 X 20	400	Side
26	JD-FKQ800-8	1	3	2	2	40 X 20	400	Side
27	JD-FKDQ800-8	1	3	2	2	40 X 20	400	Side
28	JD-FKQ840-8	1	3	2	2	40 X 21	420	Side
29	JD-FKQ1280-8	1	3	2	2	80 X 16	640	Side
30	JD-FKQ1600-9	1	4	2	2	80 X 20	800	Side

Item	Volume of Oil Reservoir (L)	Flow Volume of Pump			Motor Power (Kw)	WP(Kw)	Dimension (mm)
		Elec. Pump (L/min)	Pneu. Pump (m/min)	Manual Pump (ml/stroke)			
1	160	3.5		11	1.1	21	1,500 X 1,400 X 2,300
2	170	12		11	5.5	21	1,836 X 1,190x 2,028
3	320	18		11	7.5	21	2,719 X 1,530 X 2,340
4	320	18		11	7.5	21	2,719 X 1,530 X 2,340
5	250	24		11	11	21	2,500 X 1,900 X 2,340
6	440	24	11 X 1		11	21	3,000 X 1,900 X 2,280
7	630	24	11 X 1		11	21	3,400 X 2,156 X 2,400
8	650	24	11 X 1		11	21	3,400 X 2,156 X 2,400
9	650	24	11 X 1		11	21	2,600 X 1,400 X 2,020
10	890	32	11 X 2		15	21	3,145 X 1,630 X 2,165
11	890	32	11 X 2		15	21	3,900 X 2,156 X 2,400
12	920	32	11 X 2		15	21	3,000 X 2,210 X 2,165
13	1050	42	11 X 2		18.5	21	4,500 X 1,700 X 2,165 4,500 X 2,170 X 2,420
14	1050	42	11 X 2		18.5	21	5,000 X 2170 X 2,420 5,000 X 2,478 X 2,420
15	1310	42	11 X 2		18.5	21	4,000 X 1,620 X 2,165 5,000 X 2,478 X 2,420
16	1310	42	11 X 2		18.5	21	5,000 X 2,170 X 2,420 5,000 X 2,478 X 2,420
17	1510	42	11 X 2		18.5	21	5,420 X 2,170 X 2,420 5,420 X 2,478 X 2,420
18	1510	42	11 X 2		18.5	21	5,420 X 2,170 X 2,420 5,420 X 2,478 X 2,420
19	1310	42	11 X 2		18.5	21	5,000 X 2,478 X 2,660
20	1510	42	11 X 2		18.5	21	5,420 X 2,170 X 2,420 5,420 X 2,478 X 2,420
21	1510	42	11 X 2		18.5	21	5,420 X 2,170 X 2,420 5,420 X 2,478 X 2,420

22	1510	42	11 X 3		18.5	21	5,000 X 2,170 X 2,420 5,000 X 2,478 X 2,420
23	1510	42	11 X 3		18.5	21	5,000 X 2,170 X 2,420 5,000 X 2,478 X 2,420
24	1510	42	11 X 3		18.5	21	5,420 X 2,170 X 2,420 5,420 X 2,478 X 2,420
25	1510	42	11 X 3		18.5	21	5420 X 2,170 X 2,420 5,420 X 2,478 X 2,420
26	1730	42	11 X 3		18.5	21	5,840 X 2,170 X 2,440 5,840 X 2,478 X 2,440
27	1730	42	11 X 3		18.5	21	5,840 X 2,170 X 2,440 5,840 X 2,478 X 2,440
28	1730	42	11 X 3		18.5	21	5,840 X 2,478 X 2,440
29	2000	42	11 X 3		18.5 X 2	21	6,700 X 2,560 X 2,600
30	2500	42	11 X 3		18.5 X 2	21	6,700 X 2,560 X 2,600

Components Option of Accumulator BOP Control System (BOP Closing Unit)

Item	Model	Annular Pressure Control	Electric Pump	Air Pump	Manual Pump	Double Electric pump	Alarm Device	Spare Nitrogen System
1	JD-FK50-2C		•		•			
2	JD-FK75-2		•		•			
3	JD-FK125-2		•		•			
4	JD-FK125-3		•		•			
5	JD-FK150-2		•		•			
6	JD-FK240-3	•	•	•				
7	JD-FKQ320-3	•	•	•				
8	JD-FKQ320-4	•	•	•				
9	JD-FKQ320-4H	•	•	•				
10	JD-FKQ480-5	•	•	•				
11	JD-FKQ480-5A	•	•	•				
12	JD-FKQ480-6	•	•	•				
13	JD-FKQ560-6	•	•	•				
14	JD-FKDQ560-6	•	•	•				
15	JD-FKQ640-6H	•	•	•			○	
16	JD-FKDQ640-6	•	•	•			•	○
17	JD-FKQ640-7	•	•	•			○	
18	JD-FKDQ640-7	•	•	•			○	○
19	JD-FKQ720-6	•	•	•			○	○
20	JD-FKQ720-7	•	•	•			○	○

21	JD-FKQ720-7A	●	●	●			○	○
22	JD-FKQ800-6	●	●	●			○	○
23	JD-FKDQ800-6	●	●	●			○	○
24	JD-FKQ800-7	●	●	●			○	○
25	JD-FKDQ800-7	●	●	●			○	○
26	JD-FKQ800-8	●	●	●			○	○
27	JD-FKDQ800-8	●	●	●			○	○
28	JD-FKQ840-8	●	●	●			○	○
29	JD-FKQ1280-8	●	●	●		●	○	○
30	JD-FKQ1600-9	●	●	●		●	○	○

Item	Enclosure	Heating System	Air Conditioner	Pressure Oil Heating	Driller's panel	Auxiliary Control Panel	Pipe Lines	Safety Device
1	●						○	
2	●			○			○	
3	●			○			○	
4	●			○			○	
5	●			○			○	
6	●	○		○			○	
7	●	○		○	○		○	
8	●	○		○	○		○	
9	●	○		○	○		○	○
10	●	○		○	○		○	○
11	●	○		○	○		○	○
12	●	○		○	○		○	○
13	●	○		○	●		○	○
14	●	○		○	●		○	○
15	●	○		○	○	○	○	○
16	●		○	○	●		○	○
17	●	○			●		○	○
18	●	○	○	○	●	○	○	○
19	●	○	○	○	●		○	○
20	●	○	○	○	●	○	○	○
21	●	○	○	○	●	○	○	○
22	●	○	○	○	●	○	○	○
23	●	○	○	○	●	○	○	○
24	●	○	○	○	●	○	○	○
25	●	○	○	○	●	○	○	○
26	●	○	○	○	●	○	○	○
27	●	○	○	○	●	○	○	○
28	●	○	○	○	●	○	○	○

29	•	○	○	○	•	○	○	○
30	•	○	○	○	•	○	○	○

NOTE:

1. Mark "•" in the table refers to standard components and mark "○" in the table refers to optional components.
2. Blank in the table means that it can be designed and manufactured in accordance with the customer's special requirements.
3. Anti-lifting Safety Device is specially designed for deep drilling. FT I for less 6 controlled objects control system; FT II for over 6 controlled objects control system.

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