

PUMPING UNIT

API B Series Pumping Unit

Brief Introduction:

Pumping Unit is one common type of power equipment on the ground used in rod oil extraction. As the conventional walking beam pumping units, B series pumping units which Jereh Drilltech provides conform to API Spec.11E and other relative API standards.



API B Series Pumping Unit

B Series Pumping Unit Technical Performances:

- High reliability, simple operation, easy maintenance.
- Gear reducer is herring-bone gearing, work smoothly and reliably.
- The complete machine with light weight, it's convenient for installation and transportation.

Main Technical Specification of B Series Pumping Unit

No	Pumping Unit Type	Polished Rod Capacity (lbs)	Stroke Length (in)	Rated Torque (in.lbs)
1	B-80D-119-64	11,900	64 54	80,000
2	B-80D-76-64	7,600	64 54	80,000
3	B-80D-133-54	13,300	54 41	80,000
4	B-80-119-64	11,900	54 41	80,000
5	B-80D-76-54	7,600	54 41	80,000
6	B-80D-109-48	10,900	48 35	80,000
7	B-57D-109-54	10,900	54 41	57,000
8	B-57D-89-54	8,900	54 41	57,000
9	B-57D-76-54	7,600	54 41	57,000
10	B-57D-109-48	10,900	48 35	57,000
11	B-57D-89-48	8,900	48 35	57,000
12	B-40D-89-48	8,900	48 35	40,000
13	B-40D-76-42	7,600	42 29	40,000
14	B-25D-67-36	6,700	36 27	25,000
15	B-16D-53-30	5,300	30 23	16,000

API C Series Pumping Units

Brief Introduction:

API C series pumping unit is a kind of conventional walking beam pumping units, it's the ground power equipment used in sucker rod oil extraction.

API C series pumping units conform to API Spec. 11E, and the relative standards, acquired the authorization to use official API monogram.



API C Series Pumping Unit

C Series Pumping Units Technical Performances:

- Strength of critical parts is calculated with the finite element analysis, high reliability, simple operation, easy maintenance, long servicing life.
- Gear reducer is herring-bone gearing, working smoothly and reliably.
- Modularized design, it has high degree of standardization, commonality and seriating with the spare parts.

Main Technical Specification of C Series Pumping Unit

No	Pumping Unit Type	Polished Rod Capacity (lbs)	Stroke Length (in)	Rated Torque (in.lbs)
1	C-912D-470-240	47,000	240 211 181	912,000
2	C-912D-427-216	42,700	216 185 155	912,000
3	C-912D-427-192	42,700	192 165 138	912,000
4	C-912D-305-192	30,500	192 165 138	912,000
5	C-912D-365-168	36,500	168 144 121	912,000
6	C-912D-305-168	30,500	168 144 121	912,000
7	C-912D-427-144	42,700	144 123 102	912,000
8	C-640D-305-192	30,500	192 165 138	640,000
9	C-640D-305-168	30,500	168 144 121	640,000
10	C-640D-365-144	36,500	144 23 102	640,000
11	C-640D-305-144	30,500	144 123 102	640,000
12	C-640D-256-144	25,600	144 123 102	640,000
13	C-640D-305-120	30,500	120 102 84	640,000
14	C-456D-305-168	30,500	168 144 121	456,000
15	C-456D-305-144	30,500	144 123 102	456,000
16	C-456D-256-144	25,600	144 123 102	456,000
17	C-456D-365-120	36,500	120 102 84	456,000
18	C-456D-305-120	30,500	120 102 84	456,000
19	C-456D-256-120	25,600	120 102 84	456,000
20	C-320D-256-144	25,600	144 123 102	320,000
21	C-320D-256-120	25,600	120 102 84	320,000
22	C-320D-213-120	21,300	120 102 84	320,000
23	C-320D-305-100	30,500	100 85 70	320,000

24	C-320D-256-100	25,600	100 85 70	320,000
25	C-320D-213-86	21,300	86 71 56	320,000
26	C-228D-213-120	21,300	120 102 84	228,000
27	C-228D-173-100	17,300	100 86 72	228,000
28	C-228D-246-86	24,600	86 71 56	228,000
29	C-228D-213-86	21,300	86 71 56	228,000
30	C-228D-200-74	20,000	74 64 54	228,000
31	C-228D-173-74	17,300	74 64 54	228,000
32	C-160D-173-86	17,300	86 74 62	160,000
33	C-160D-200-74	20,000	74 64 54	160,000
34	C-160D-173-74	17,300	74 64 54	160,000
35	C-160D-143-74	14,300	74 64 54	160,000
36	C-160D-173-64	17,300	64 54 44	160,000
37	C-114D-119-86	11,900	86 72 59	114,000
38	C-114D-143-74	14,300	74 62 51	114,000
39	C-114D-173-64	17,300	64 54 44	114,000
40	C-114D-143-64	14,300	64 52 40	114,000
41	C-114D-133-54	13,300	54 45 36	114,000
42	C-80D-119-64	11,900	64 53 42	80,000
43	C-80D-133-54	13,300	54 45 36	80,000
44	C-80D-119-54	11,900	54 45 36	80,000
45	C-80D-133-48	13,300	48 40 32	80,000
46	C-80D-109-48	10,900	48 37 25	80,000
47	C-57D-76-54	7,600	54 41 28	57,000
48	C-57D-109-48	10,900	48 37 25	57,000
49	C-57D-95-48	9,500	48 37 25	57,000
50	C-57D-89-42	8,900	42 33 23	57,000
51	C-57D-76-42	7,600	42 33 23	57,000
52	C-40D-76-48	7,600	48 37 27	40,000
53	C-40D-89-42	8,900	42 33 23	40,000
54	C-40D-76-42	7,600	42 33 23	40,000
55	C-40D-89-36	8,900	36 28 20	40,000
56	C-25D-67-36	6,700	36 28 20	25,000
57	C-25D-56-36	5,600	36 28 20	25,000
58	C-25D-53-30	5,300	30 20	25,000

API F Series Pumping Units

Brief Introduction:

API F series pumping unit is a new kind of non-beam energy-saving pumping unit.

The products conform to API Spec.11E “specification for pumping unit” and other relative API standards, acquired the authorization to use official API monogram.



API F series Pumping Unit

F Series Pumping Units Technical Performances:

- Abnormally design of crank arm make it balanced completely.
- Use roller and belt to form flexible drive, improve impulsive load, and prolong service life of gear reducer.
- Gear reducer is herring-bone gearing, work smoothly and reliably.
- Small cubage, light weight, the complete machine can be folded totally, it's convenient for installation and transportation.

Main Technical Specification of F Series Pumping Unit

No	Pumping Unit Type	Polished Rod Capacity (lbs)	Stroke Length (in)	Rated Torque (in.lbs)
1	F-320D-256-120	25,600	120 102 85	320,000
2	F-320D-256-100	25,600	100 85 70	320,000
3	F-320D-246-86	24,600	86 71 56	320,000
4	F-228D-256-100	25,600	86 71 56	320,000
5	F-228D-213-86	21,300	86 71 56	228,000
6	F-228D-246-86	24,600	86 71 56	228,000
7	F-228D-246-74	24,600	74 64 53	228,000
8	F-160D-173-86	17,300	86 74 62	160,000
9	F-160D-200-74	20,000	74 64 53	160,000
10	F-160D-173-74	17,300	74 64 53	160,000
11	F-114D-173-64	17,300	64 54 44	114,000
12	F-114D-143-54	14,300	54 44 34	114,000
13	F-114D-109-54	10,900	54 43 32	114,000

API R Series Pumping Units

Brief Introduction:

API R series pumping unit is a new type energy-saving walking beam pumping units, it's a new type of power equipment on the ground used in sucker rod oil extraction.

R series pumping units conform to API Spec.11E and other relative API standards, acquired the authorization to use official API monogram.

R Series Pumping Unit Technical Performances

- High reliability, simple operation, long service life.
- Use phase angle in crank arm to reduce the peak value of max torque in gear reducer.
- Improve power performance by increase the extreme location angle.
- Reduce motive power, saved energy obviously.
- Gear reducer is herring-bone gearing, work smoothly and reliably.



API R series Pumping Unit

Main Technical Specification of R Series Pumping Unit

No	Type	Polished Rod Capacity (lbs)	Stroke Length (in)	Rated Torque (in.lbs)
1	R-912D-365-192	36,500	192 159 127	912,000
2	R-912D-305-192	30,500	192 159 127	912,000
3	R-912D-365-168	36,500	168 139 111	912,000
4	R-912D-305-168	30,500	168 139 111	912,000
5	R-640D-305-192	30,500	192 159 127	640,000
6	R-640D-365-168	36,500	168 139 111	640,000
7	R-640D-305-168	30,500	168 139 111	640,000
8	R-456D-305-168	30,500	168 139 111	456,000
9	R-456D-305-144	30,500	144 119 95	456,000
10	R-456D-305-120	30,500	120 99 80	456,000
11	R-320D-256-144	25,600	144 119 95	320,000
12	R-320D-256-120	25,600	120 99 80	320,000
13	R-320D-256-100	25,600	100 83 67	320,000
14	R-228D-256-100	25,600	100 83 67	228,000
15	R-228D-246-86	24,600	86 72 59	228,000

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