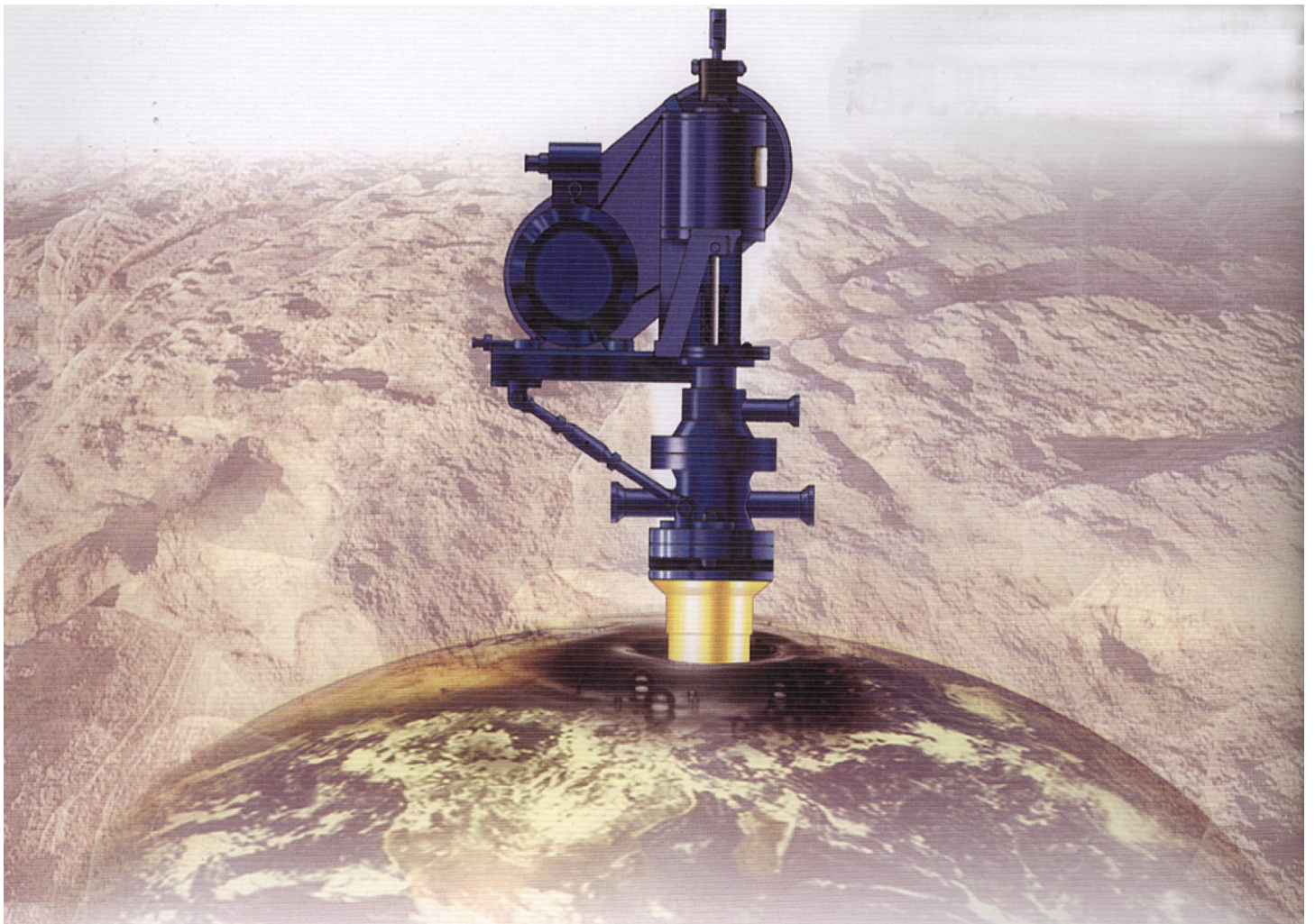




PROGRESSIVE CAVITY PUMP SYSTEM



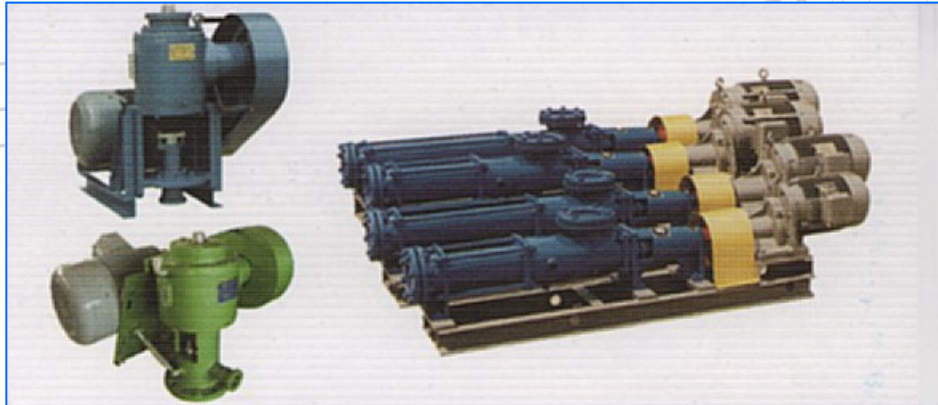
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FEATURES

Progressive Cavity Pump is a new kind of oil production equipment. The system consists of down hole PC Pump and surface drive head.

The PC Pump includes a rotor and a stator. With few moving parts, and without valves or complex channel, it features continuous pumping, no sand lock and air lock. The PC Pump can be widely used for production, well completion testing, coal bed gas application, etc.



Specifications

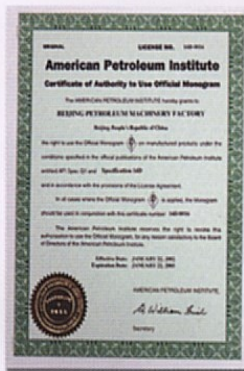
- Explosion proof motor with Hp as follows: 15 Hp, 20 Hp, 30 Hp, 40 Hp, 50 Hp, 75 Hp.
- Diameter of polished rod: 1 1/8 or 1 1/4 polished rod for less than 30 Hp, 1 3/4 polished rod for more than 40 Hp, Customer requirements available.
- Type of well head connection: API 3 1/8 flange or 7 1/16 flange. Customer requirements available
- Variable speed controlling: Changing of pulley, frequency converter
- Maximum speed: 400 Rpm
- Rated load: 150 kN
- Back Spindle Control
- Type of protections: Over current protection, outlet pressure control (optional), soft start (optional)



Certificate of Quality Management System

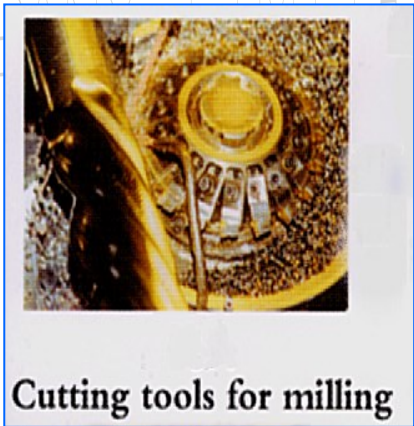
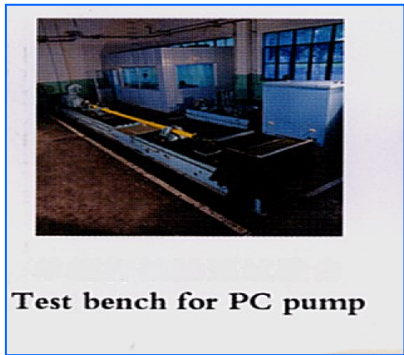
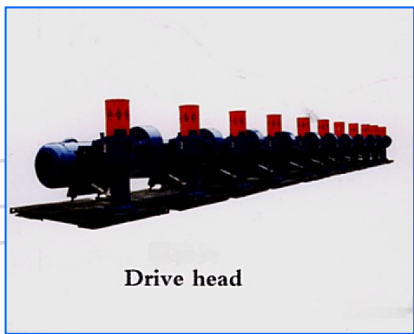
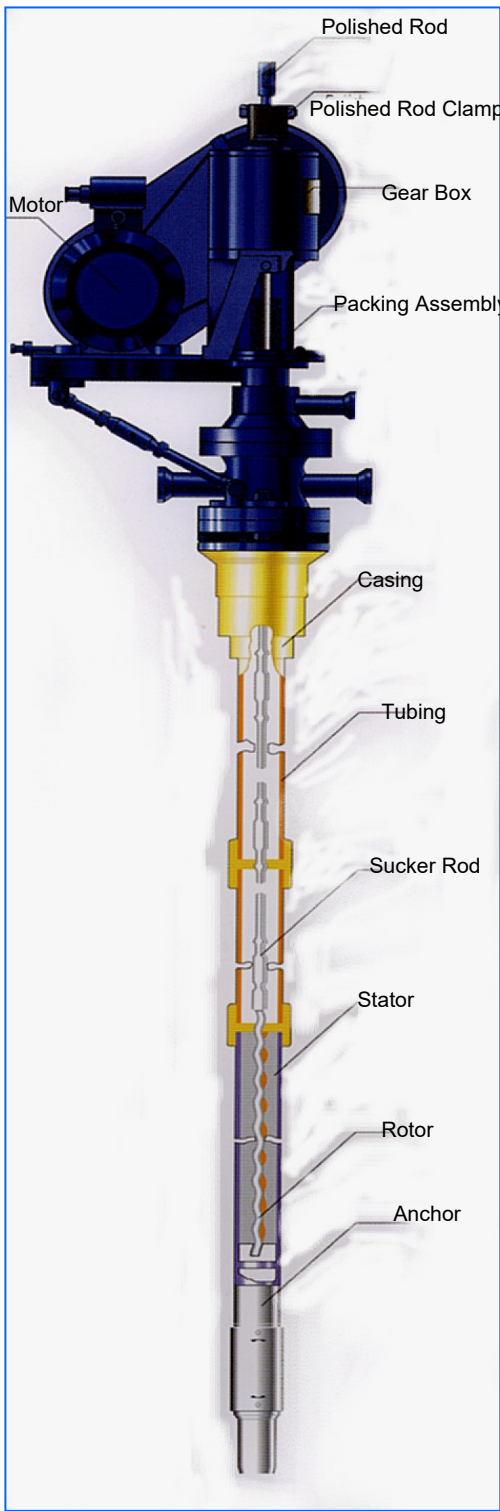


API 16D
API 16D Certification

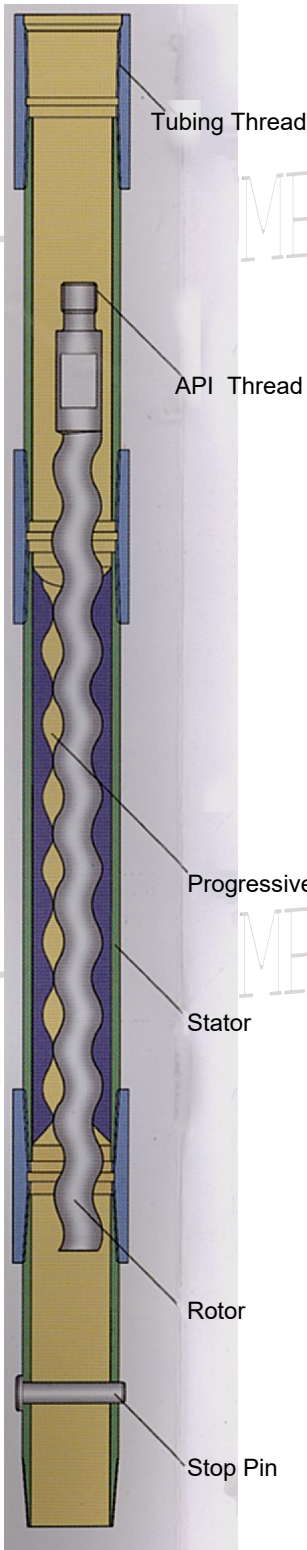


Manufacture liscence for
BOP control system

Pump



Specification Pump



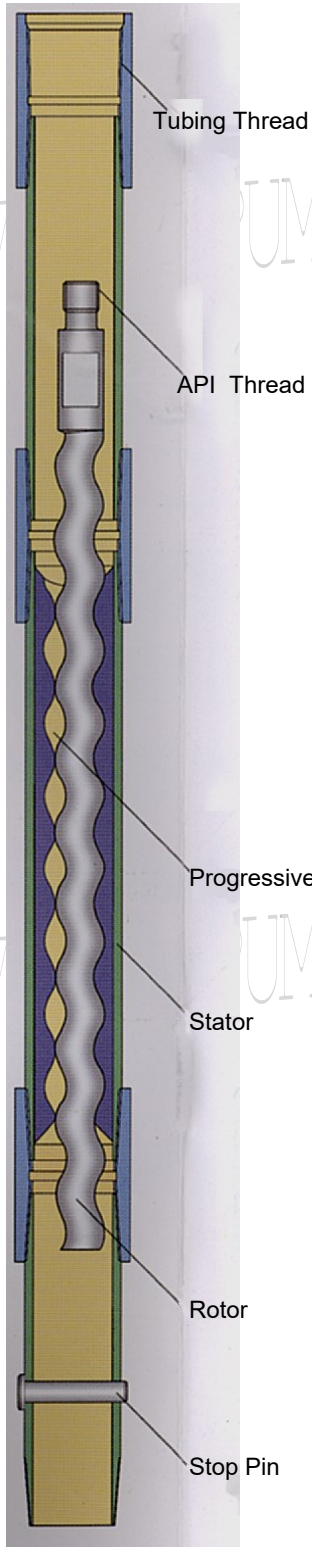
Model	Head	Theoretical flow rate				Horse Power		
		100 r/min		500 r/min		(bfpd)	(kW)	(HP)
	(m)	(ft)	(m ³ /d)	(bfpd)	(m ³ /d)			
GLB28-16	50	1700	4	25	20	125	5.5	7.4
GLB28-27	1000	3300	4	25	20	125	7.5	10
GLB28-40	1500	5000	4	25	20	125	7.5	10
GLB40-20	800	2700	5.8	36	28.8	180	5.5	7.4
GLB40-42	1600	5280	5.8	36	28.8	180	11	15
GLB75-16	550	1800	10.8	68	54	340	7.5	10
GLB75-27	1000	3300	10.8	68	54	340	11	15
GLB75-40	1500	5000	10.8	68	54	340	15	20
GLB120-14	500	1700	17	106	85	535	11	15
GLB120-27	1000	3300	17	106	85	535	15	20
GLB190-33	1300	4300	27	170	135	850	30	40
GLB300-10	400	1320	43	270	216	1360	15	20
GLB300-21	800	2700	43	270	216	1360	30	40
GLB400-20	800	2700	58	365	288	1810	37	50
GLB400-30	1300	3960	58	365	288	1810	55	75
GLB500-14	600	2000	72	450	360	2265	37	50
GLB500-20	900	2740	72	450	360	2265	55	75
GLB800-14	600	2000	116	730	576	3620	55	75

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Specification Pump

Dimensions and Connections Progressive Cavity Pump

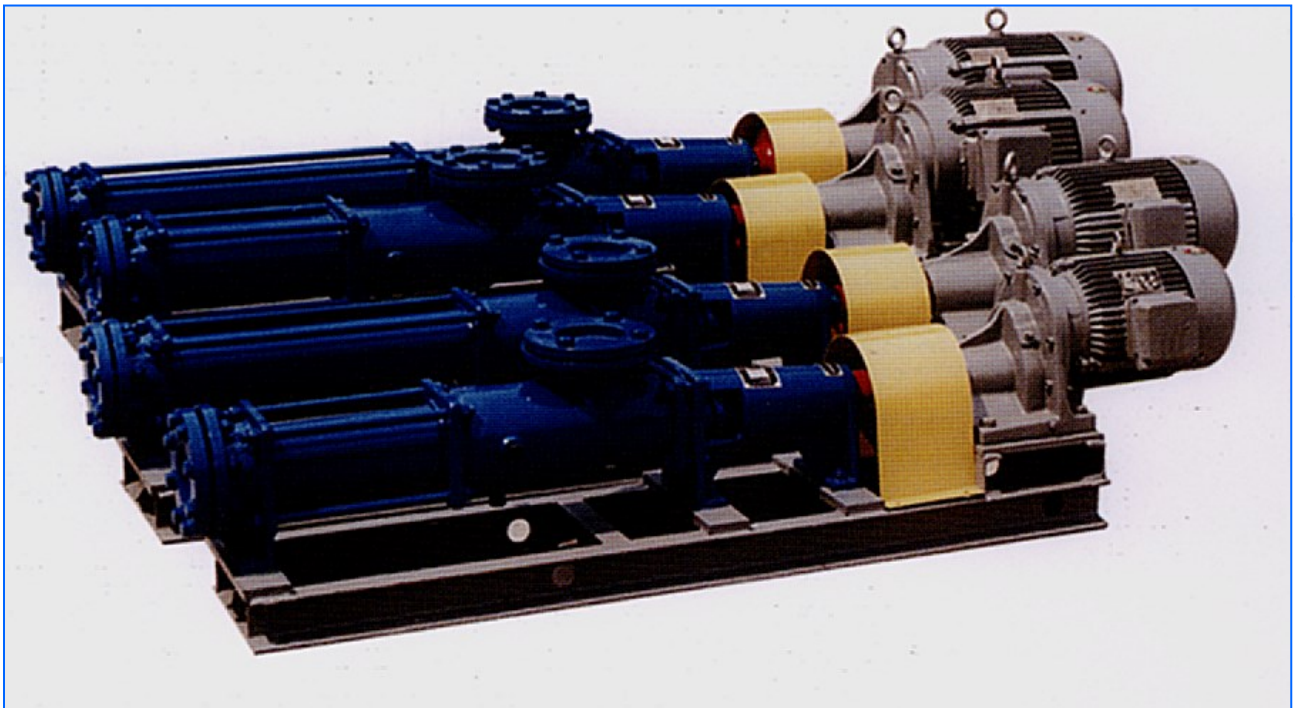


Model	Stator Dimension			Rotor Dimension		Connection Thread		
	OD (mm)	Max. OD (mm)	Length (mm)	Max. OD (mm)	Length (mm)	Stator Up (NU)	Stator Down (NU)	Rotor Up CYG (API)
GLB28-16	73	89.5	1490	37	1854	2 7/8	2 7/8	19(3/4)
GLB28-27	73	89.5	2500	37	2890	2 7/8	2 7/8	19(3/4)
GLB28-40	73	89.5	3650	37	4029	2 7/8	2 7/8	19(3/4)
GLB40-20	73	89.5	2702	36.2	2350	2 7/8	2 7/8	19(3/4)
GLB40-42	73	89.5	4700	36.2	5052	2 7/8	2 7/8	19(3/4)
GLB75-16	88.9	107	1978	46.4	2342	2 7/8	2 7/8	19(3/4)
GLB75-27	73	89.5	3830	40	4259	2 7/8	2 7/8	19(3/4)
GLB75-40	88.9	107	4378	46.4	4744	3 1/2	2 7/8	22 (7/8)
GLB120-14	88.9	107	2326	48	2675	2 7/8	2 7/8	22 (7/8)
GLB1 20-27	88.9	107	4406	48	4754	3 1/2	2 7/8	22 (7/8)
GLB1 90-33	101.6	116	5634	55	6014	3 1/2	2 7/8	25(1)
GLB300-10	101.6	116	2666	56	3069	3 1/2	3 1/2	22 (7/8)
GLB300-21	101.6	116	5676	56	6044	3 1/2	3 1/2	25(1)
GLB400-20	114.3	116	5800	57	6020	3 1/2	3 1/2	29(1 1/8)
GLB400-30	114.3	116	9446	58	9480	3 1/2	3 1/2	KG38
GLB500-14	114.3	116	5768	57	6014	3 1/2	3 1/2	25(1)
GLB500-20	114.3	116	8322	57	8714	3 1/2	3 1/2	KG38
GLB800-14	114.3	116	8450	58	8800	3 1/2	3 1/2	KG38

SURFACE PC PUMP

Progressive cavity pump is suitable for various fluid mediums, especially for high viscosity medium, because the pump is not sensitive to viscosity. It is also suitable to transporting medium containing particle or fiber, and mixture of gas and liquid. It is widely used in oil industry, coal industry, chemical industry, metallurgical and mine industry, paper making, building, industrial waste water treating etc.

Progressive cavity pump has features of wide speed range, small pressure impulse, smooth running, low noise, simple construction, easy repairing, reliable working, long life etc. Flow rate can be adjusted by changing pump speed. Gear reducer or pulley-belt reducer are integrated in drive head. Motors can be equipped according to customer's requirements.

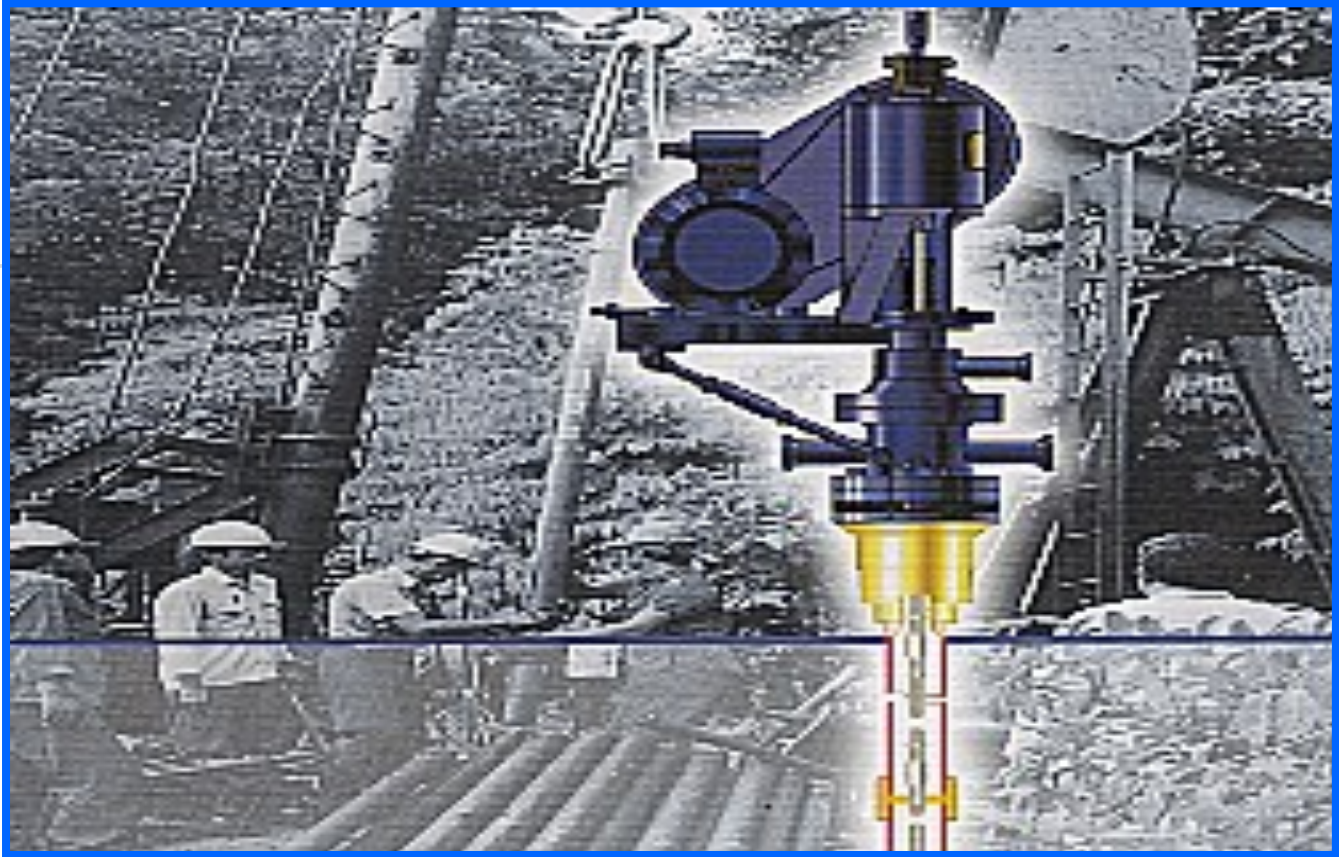


SURFACE PC PUMP



Model	Displacement	Max. Speed	Max. Pressure	Max. Flow Rate
	(mL/r)	(Rpm)	(Mpa)	(m ³ /h)
DLB250-1	250	600	0.6	9
DLB250-2	250	600	1.2	9
DLB250-3	250	600	1.8	9
DLB250-4	250	600	2.4	9
DLB500-1	500	500	0.6	15
DLB500-2	500	500	1.2	15
DLB500-3	500	500	1.8	15
DLB500-4	500	500	2.4	15
DLB1 000-1	1000	400	0.6	24
DLB1 000-2	1000	400	1.2	24
DLB1 000-3	1000	400	1.8	24
DLB1 000-4	1000	400	2.4	24
DLB2000-1	2000	350	0.6	42
DLB2000-2	2000	350	1.2	42
DLB2000-3	2000	350	1.8	42
DLB2000-4	2000	350	2.4	42
DLB2000-5	2000	350	3.0	42
DLB3000-3	3000	300	2.4	54
DLB3000-4	3000	300	3.0	54

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