SCREW PUMP

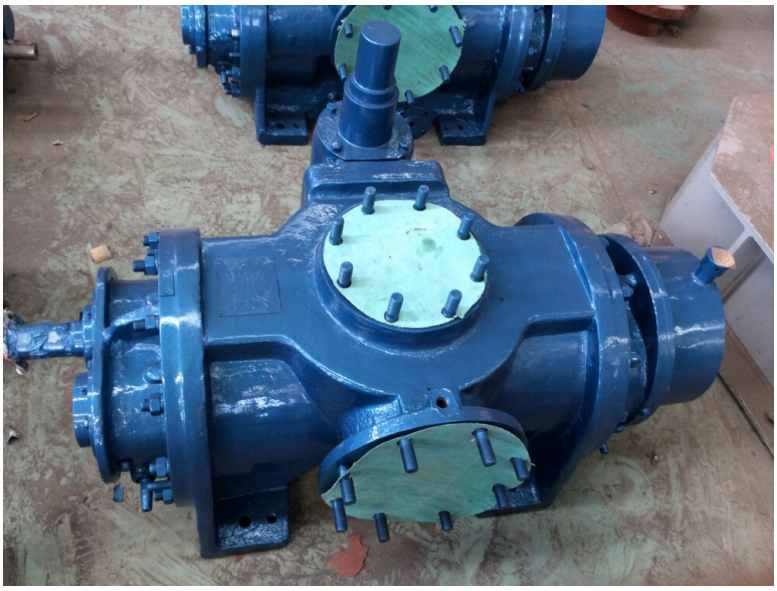
2GC twin screw pump

ISO9001 Supplier

Class Certificate

Export Supply

2GC twin screw pump Screw pump operation instructions and attention points 1.   Mounting the pump and prime mover on the sufficient strength pedestal that can prevent the component dam...



Key Highlights

Category	Screw Pump
Standard	DIN
Weight / Size	5. The size of pipe must be no difference with that of pump input an...
Certificate	CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

Category	Screw Pump	**Model / SKU**	2GC-twin-screw-pump
Standard	DIN	**Weight / Size**	5. The size of pipe must be no difference with that of pump input and output mouth, otherwise, it will effect pump using performance.
Certificate	CCS	**Warranty**	12 Months unless specified otherwise
Origin	China		

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- Screw pump operation instructions and attention points

2GC twin screw pump

Screw pump operation instructions and attention points

1. Mounting the pump and prime mover on the sufficient strength pedestal that can prevent the component damaged by vibration and ensure the pump work regularly.

2. Requirements for the connection of the pump and power should not lower than government standard.

3. The general working type: facing input driving screw, the input is in the right, the outlet upside and the rotating direction is right rotation. Please advise requirements when place order if other type is necessary. The vertical pump is same structure, only main screw vertical when setting.

4. Necessary to add filter, and the filter's specification is 20mesh. The filter flow area should be more than 4 times of the input area of the pump.

5. The size of pipe must be no difference with that of pump input and output mouth, otherwise, it will effect pump using performance.

6. Clear all pipe and filter before the first time using, to make sure pump work normally.

7. Before pump starting up, all valve on pipe must be open. After normal working, it can be adjusted according to practical need.

8. After pump starting up, notice the pump vacuum value, if no vacuum after 1 minute, the pump should be stopped and checked.

9. When using pump to sweep cabin, race rotation ran not to exceed 3 minutes, in case of the damage of seal.

10. The gear oil should use 180# middle load gear oil. Check oil level of gear box frequently to make sure pump working normally. When working normally, the temperature of oil in gear box do not exceed 70C. When pump work for long time. The temperature do not exceed 80C.

11. Check lubricating grease for gear frequently and add oil regularly.

12. Closed screw Leaking frame pump: leak in the downside of the right and left shaft sealing frame; if the sealing is damage and leakage happens, the other pipes cannot be closed to avoid the bearing damaged.

13. The pump's flow rate is too large and its pressure is too high, according to different conditions, bearing and gear box is equipped with the water circulating to cool the temperature. The flow of circulating cooling water is about 2m3/h.

14. When transporting high viscosity media, it should use the pump equipped with heating system.

Parameter

Horizontal twin screw pump					
Type	Flow rate	Pressure	Power	Inlet dia	Outlet dia
	m3/h	Mpa	Kw	mm	mm
2GC-6	6	1	3.6	50	50
2GC-12	12	1	6.2	50	50
2GC-25	25	1	11.8	80	80
2GC-35	35	1	17.3	80	80
2GC-50	50	1	24.6	100	100
2GC-80	80	1	34	100	100
2GC-100	100	1	42	150	150
2GC-120	120	1	49.9	150	150
2GC-150	150	1	61.2	150	150

2GC-200	200	1	76.8	200	150
2GC-250	250	1	95	200	150
2GC-300	300	1	111	250	200
2GC-350	350	1	132	250	200
2GC-400	400	1	166	250	200
2GC-450	450	1	184	300	250
2GC-500	500	1	202	300	250
2GC-600	600	1	229	350	300
2GC-650	650	1	250	350	300
2GC-700	700	1	270	350	300
2GC-750	750	1	287	350	300
2GC-800	800	1	318	350	300
2GC-900	900	1	346	400	350
2GC-1000	1000	1	380	400	350
2GC-1200	1200	1	456	400	350
2GC-1500	1500	1	570	450	400
2GC-2000	2000	1	760	500	450
2GC-2500	2500	1	950	550	500