

Шестеренные насосы-дозаторы

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

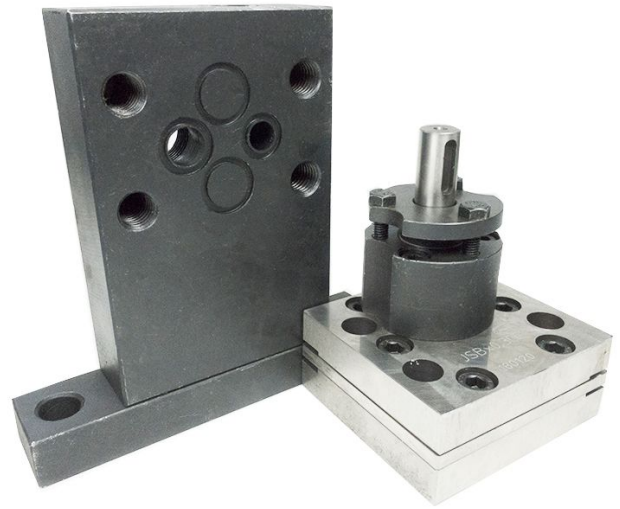
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GEAR METERING PUMP



Gear metering pumps

Medium : Fluid

Temperature : 200°C

Sealing : Combined seal

Min Inlet Pressure : <0.2Mpa

Max Outlet Pressure : <30Mpa

Direction of rotation: clockwise from the axis of rotation

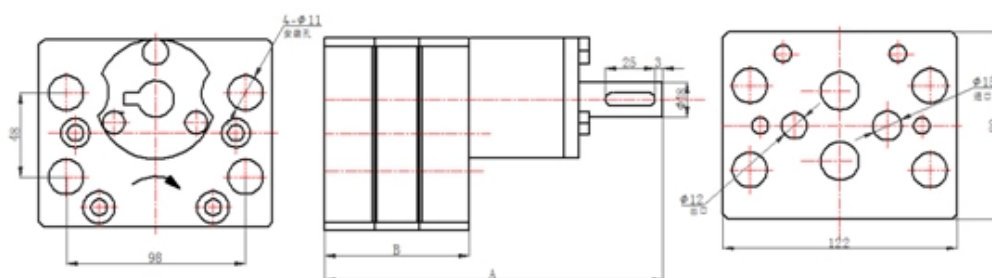
The working principle of the gear metering pump. The gear metering pump is a pair of gears that mesh with each other, one of which is the driving gear, and the other is the passive gear, which is driven by the driving gear to rotate. The gear has a small gap directly in the pump casing. When the gear rotates, in the suction chamber where the gear teeth are gradually disengaged, the enclosed volume between the teeth increases, forming a partial vacuum, and the liquid is sucked into the suction chamber under the action of the pressure difference. As the gear rotates, the liquid divides into two paths in the gear. The gear is pushed forward by the gear and sent to the liquid discharge chamber. In the liquid discharge chamber, the two gears gradually mesh, the volume decreases, and the liquid between the gears is squeezed to the liquid discharge port.

Because the processing accuracy of the gear metering pump is very high, whether it is the tooth surface accuracy of the gear, or the gear and the housing, the precision of the cooperation between the gear and the tooth tip is very high, so the displacement of the gear metering pump is certain. In other words, every time the gear rotates, the volume of liquid discharged is constant. Therefore, as the speed of the gear metering pump is adjusted, the gear metering pump can discharge a corresponding amount of liquid.

By measuring the speed of the gear metering pump, the flow rate of the gear metering pump is obtained.

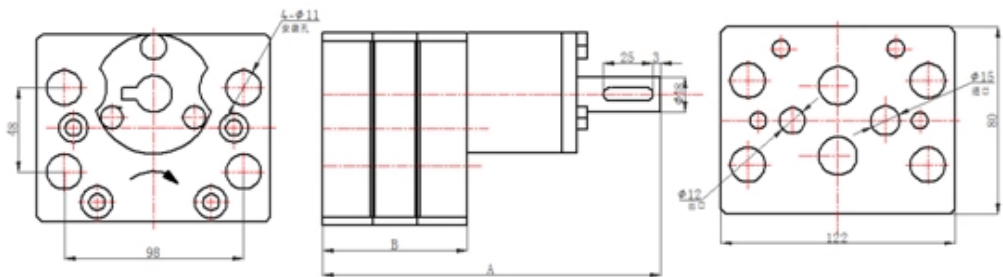
Model	Displacement (CC/R)	Total Height	Base Height	Min Inlet Pressure	Max Outpet Pressure	Accuracy	Temperature
GWMP-0.15	0.15	83	28.1	<0.2Mpa	<3Mpa	+/-0.3%	350°C
GWMP-0.3	0.3	85	30.2	<0.2Mpa	<5Mpa	+/-0.3%	350°C
GWMP-0.6	0.6	85	32	<0.2Mpa	<5Mpa	+/-0.3%	350°C
GWMP-1.2	1.2	90	34	<0.2Mpa	<8Mpa	+/-0.3%	350°C
GWMP-2.4	2.4	100	42	<0.2Mpa	<8Mpa	+/-0.3%	350°C
GWMP-3.6	3.6	105	50	<0.2Mpa	<8Mpa	+/-0.3%	350°C
GWMP-6	6	130	41	<0.2Mpa	<8Mpa	+/-0.3%	350°C
GWMP-9	9	135	46	<0.2Mpa	<8Mpa	+/-0.3%	350°C
GWMP-12	12	140	51	<0.2Mpa	<8Mpa	+/-0.3%	350°C
GWMP-15	15	145	56	<0.2Mpa	<8Mpa	+/-0.3%	350°C
GWMP-20	20	150	64	<0.2Mpa	<8Mpa	+/-0.3%	350°C
GWMP-30	30	165	80	<0.2Mpa	<8Mpa	+/-0.3%	350°C
GWMP-40	40	90	215	<0.2Mpa	<8Mpa	+/-0.3%	350°C
GWMP-50	50	97	215	<0.2Mpa	<8Mpa	+/-0.3%	350°C
GWMP-60	60	104.5	230	<0.2Mpa	<8Mpa	+/-0.3%	350°C
GWMP-75	75	112	230	<0.2Mpa	<8Mpa	+/-0.3%	350°C
GWMP-80	80	Customized	Customized	<0.2Mpa	<8Mpa	+/-0.3%	350°C
GWMP-125	125	Customized	Customized	<0.2Mpa	<8Mpa	+/-0.3%	350°C

Note:Direction of rotation: clockwise from the axis of rotation



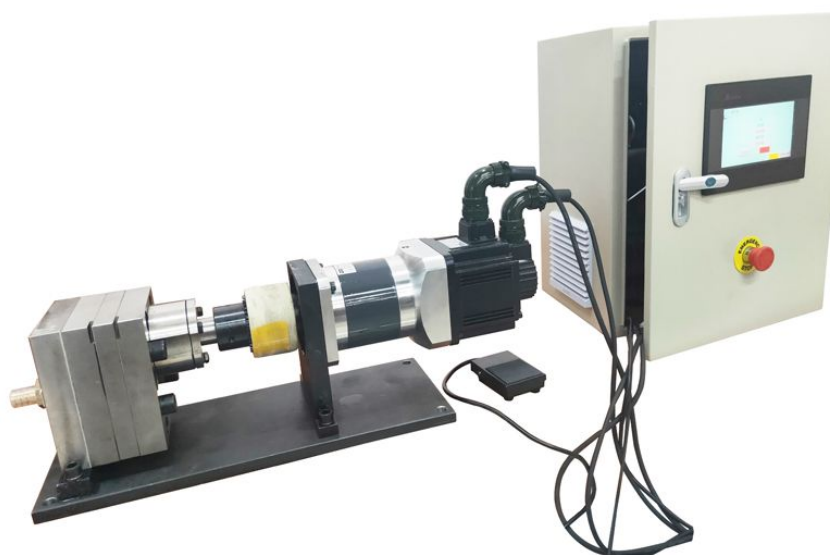
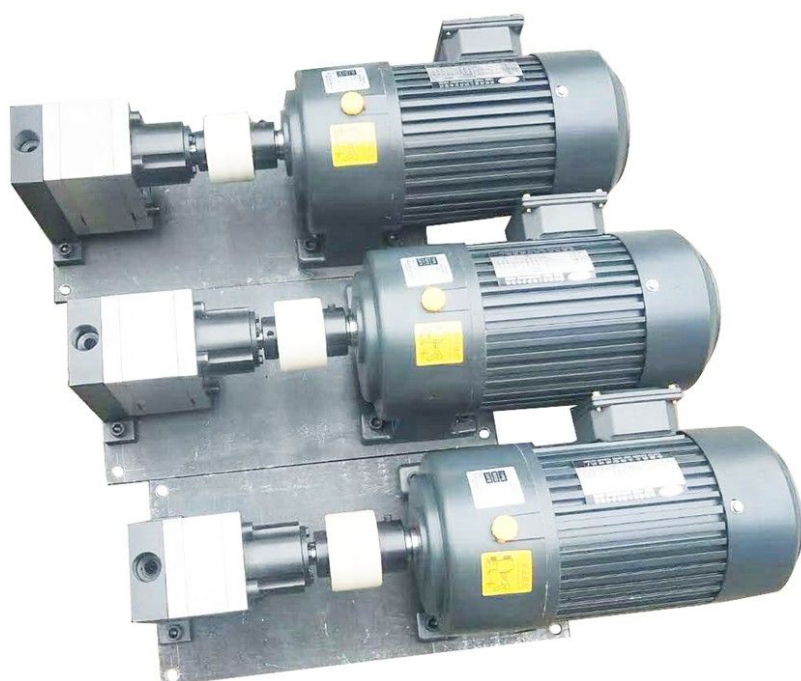
Model	6CC	9CC	12CC	15CC	20CC	25CC	30CC
A	130	135	140	145	150	158	165
B	41	46	51	56	64	72	80

Min Inlet Pressure	<0.2Mpa
Working Speed	5~200 R/min
Medium	Fluid
Temperature	200℃
Max Outlet Pressure	<3Mpa
Flow Capacity	6-30(+/-30)CC/R
Sealing	Combined seal



Model	0.15CC	0.3CC	0.6CC	1.2CC	2.4CC	3.2CC	3.6CC
A	83	85	85	90	100	103	105
B	28.1	30.2	32	34	42	47.6	50

Min Inlet Pressure	<0.2Mpa
Working Speed	5~200 R/min
Medium	Fluid
Temperature	200℃
Max Outlet Pressure	<30Mpa
Flow Capacity	0.15-3.6(+/-3%)cc/r
Sealing	Combined seal



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