

CATALOG LOW SPEED TOOL STEEL GEAR PUMP

CX-GWMP

Liquid

PROFILES

SHANGHAI CIXI INSTRUMENT CO., LTD

WWW.MICROFLOWMETER.COM



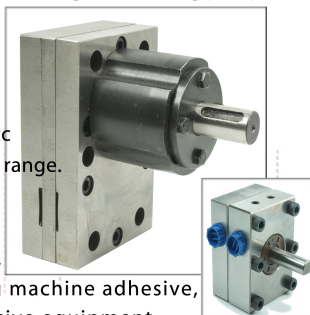
Application

The gear metering pump with high accuracy, no pulsation; unique design, the flexible drive connection between the motor and the metering pump eliminates the influence of the alignment error between the motor and the metering pump on the measurement accuracy, and also prevents the motor from transmitting the vibration to the gear metering pump

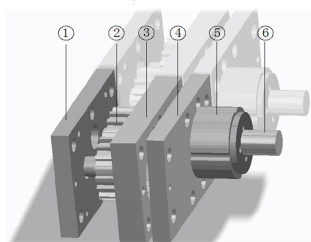
- High accuracy dosing and semi-automatic control
- More material for the more medium
- More sealing methods and good sealing performance
- Wide measurable range, minimum displacement 0.05cc
- High measurable medium viscosity, wide temperature range.

Application industry

Resin, ink, coating, spinning oil agent, AB glue, textile dye, animal fat, neutral solution, coating machine adhesive, dispensing glue injection system, hot melt adhesive equipment, PU gel, oil, coating oil, colorant, polyurethane, paraffin, et



Features



- ① Bottom cover
- ② Gear
- ③ Gear cavity plate
- ④ Roof cover
- ⑤ Seal cover
- ⑥ Axle

Advantages:

suitable for high viscosity, low speed, high pressure, good wear resistance.

Disadvantages:

not suitable for media containing carbon powder, iron powder, carbon fiber, and quartz sand

Technical

Revolution: 10...200 r/min

Main materials:

tool steel, 9cr18mov, starlite, hallium alloy

Gear structure:

gear and shaft are two parts of processing, wear

Seal: combination seal,

mechanical seal, magnetic seal

Operating pressure: 2-30mpa

Medium viscosity: ≤ 1 million CP

Maximum temperature:

commonly used temperature: ≤ 200°C

maximum temperature: 450°C

Pump body accuracy: ±0.3%

Matching Motor: servo motor,

variable frequency motor,

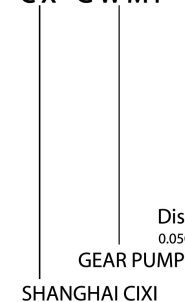
stepper motor, brushless motor

Displacement	B(mm)	A(mm)	Pressure	Revolving speed
0.05CC	36.94	65.94	0.1MPa	15-50R
0.15CC	24	85	3MPa	10-120R
0.3CC	28	85	3MPa	10-120R
0.6CC	28	85	5MPa	10-150R
1.2CC	32	90	5MPa	10-150R
2.4CC	32	100	5MPa	10-150R
3.2CC	47.6	103	8MPa	10-200R
3.6CC	50	105	8MPa	10-200R
4CC	38.2	120	8MPa	10-200R
6CC	41.6	125	8MPa	10-200R
9CC	46.4	130	8MPa	10-200R
12CC	51.2	135	8MPa	10-200R
15CC	56	140	8MPa	10-200R
20CC	64	145	8MPa	10-200R
25CC	72	155	8MPa	10-200R
30CC	80	160	8MPa	10-200R
30CC	83.7	215	8MPa	10-200R
40CC	90	215	8MPa	10-200R
50CC	97	215	8MPa	10-200R
60CC	104.4	215	8MPa	10-200R
70CC	112	230	8MPa	10-200R
100CC	144	250	8MPa	10-200R
150CC	158	340	8MPa	10-200R

Note: The dimensions is for reference only. Please confirm the detailed dimensions before placing the order. The confirmed dimensional drawing shall prevail.

Model Selection

CX-GWMP-4



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