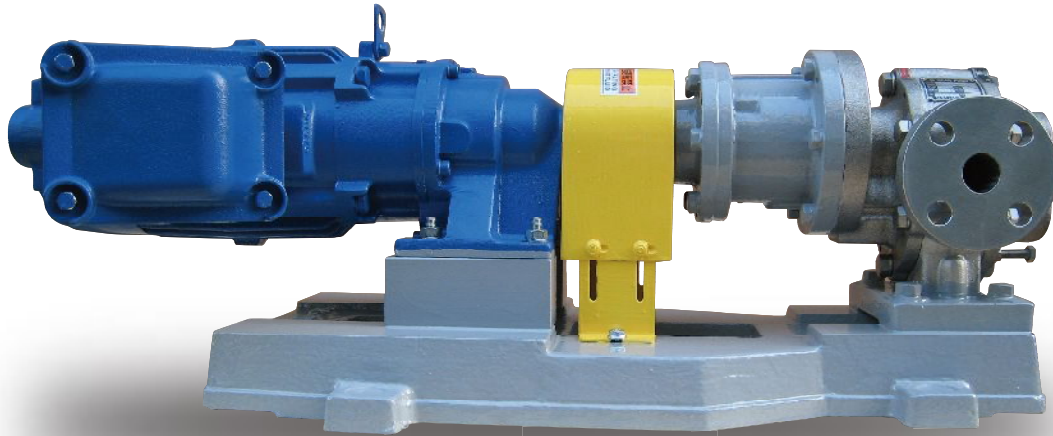


No liquid leakage from a pump!

Our products can pump any liquid!

SEAL-LESS GEARPUMP



*Environment-friendly and ultra-safe,
with built-in disaster preventive measures*

Compact for a magnet type

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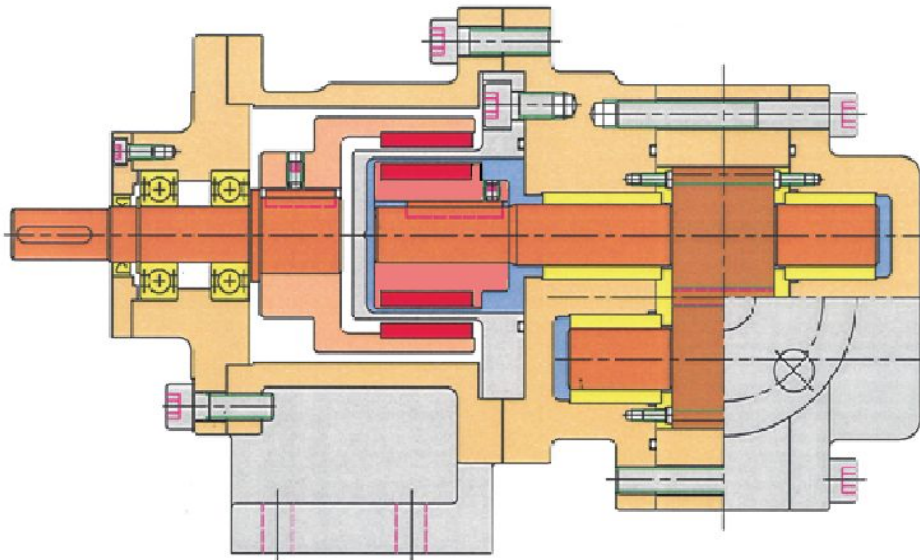
E-mail daito@gearpump.co.jp

Features of DAITO KOGYO's Seal-less

- Can handle a wide range of pressures.
The suction side of a pump can hold a pressure of -9.5m to 4MPa.
The discharge side of a pump can hold a pressure of up to 4MPa.
- With quantitative capability, the flow rate can be easily controlled with rotation control.
- Any liquid can be pumped, from low viscosity to very high viscosity (0.3-100,000 mPa·s).
- Fluids of up to 350°C can be pumped.
- Can handle various flow rate specifications (0.1-550 L/min).
- The pumps are made of diverse metal materials.
Typical materials include FC250, FCD450, SCS13A, SCS14A/S45C, SUS304, SUS630, and SUS316.
- Choose from various driving methods (including V-belt driving).

Consult us for specifications other

**Products approved for high-pressure gas can also be manufactured.
Jacket and built-in safety valve are available.**



Specifications (The chart shows typical specifications for a viscosity of 300 mPa·s at normal temperature.
The specifications vary depending on the viscosity of the fluid to be delivered and its temperature.)

PUMP TYPE	Bore		Frequency	Gear Motor Coupling drive				6P motor Coupling drive					
				Speed	0.5MPa		1.0MPa		Speed	0.5MPa		1.0MPa	
					Capacity	Motor	Capacity	Motor		Capacity	Motor	Capacity	Motor
	B	A	Hz	min ⁻¹	L/min	kW×P	L/min	kW×P	min ⁻¹	L/min	kW×P	L/min	kW×P
MC-2	3/8	10	50	500	1.5	0.2×4	1.5	0.4×4	960	6	0.4×6	6	0.4×6
MC-3	1/2	15			7	0.4×4	7	0.75×4		15	0.75×6	15	0.75×6
MC-4	3/4	20			12	0.75×4	12	1.5×4		25	1.5×6	25	1.5×6
MC-6	1	25			24	1.5×4	*	*		50	1.5×6	*	*
MC-10	1 1/2	40			50	2.2×4	50	3.7×4		100	3.7×6	100	5.5×6
MC-15	2	50			100	3.7×4	*	*		190	3.7×6	*	*
MC-25	3	80			170	5.5×4	*	*		350	7.5×6	*	*
MC-30	4	100			230	5.5×4	*	*		460	11×6	*	*

PUMP TYPE	Bore		Frequency	Gear Motor Coupling drive				6P motor Coupling drive					
				Speed	0.5MPa		1.0MPa		Speed	0.5MPa		1.0MPa	
					Capacity	Motor	Capacity	Motor		Capacity	Motor	Capacity	Motor
	B	A	Hz	min ⁻¹	L/min	kW×P	L/min	kW×P	min ⁻¹	L/min	kW×P	L/min	kW×P
MC-2	3/8	10	60	600	2	0.2×4	2	0.4×4	1150	7	0.4×6	7	0.4×6
MC-3	1/2	15			8	0.4×4	8	0.75×4		18	0.75×6	18	0.75×6
MC-4	3/4	20			14	0.75×4	14	1.5×4		30	1.5×6	30	1.5×6
MC-6	1	25			29	1.5×4	*	*		60	1.5×6	*	*
MC-10	1 1/2	40			60	2.2×4	60	3.7×4		120	3.7×6	120	5.5×6
MC-15	2	50			120	3.7×4	*	*		230	3.7×6	*	*
MC-25	3	80			210	5.5×4	*	*		420	7.5×6	*	*
MC-30	4	100			280	5.5×4	*	*		550	11×6	*	*

Please consult us regarding asterisked (*) items.