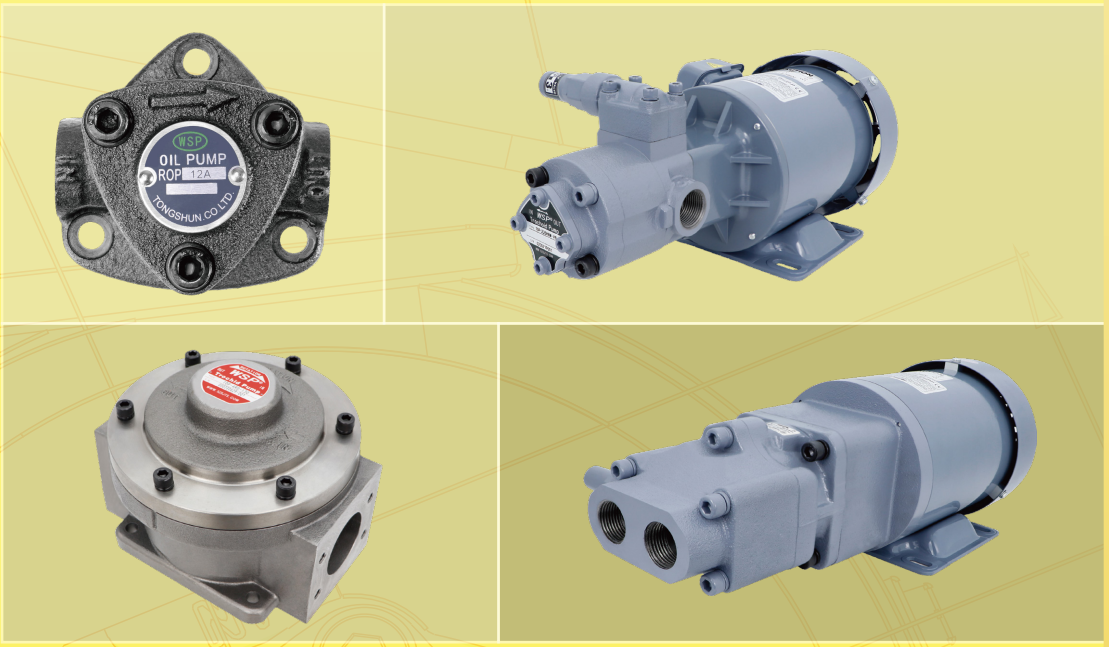
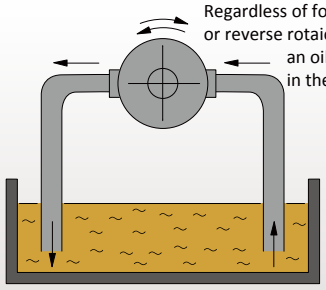
トロコイドポンプ
TROCHOID PUMP
PRODUCT GUIDE



MACHINE GREATNESS

Shenzhen Jintongshun Precision Machinery Co., Ltd

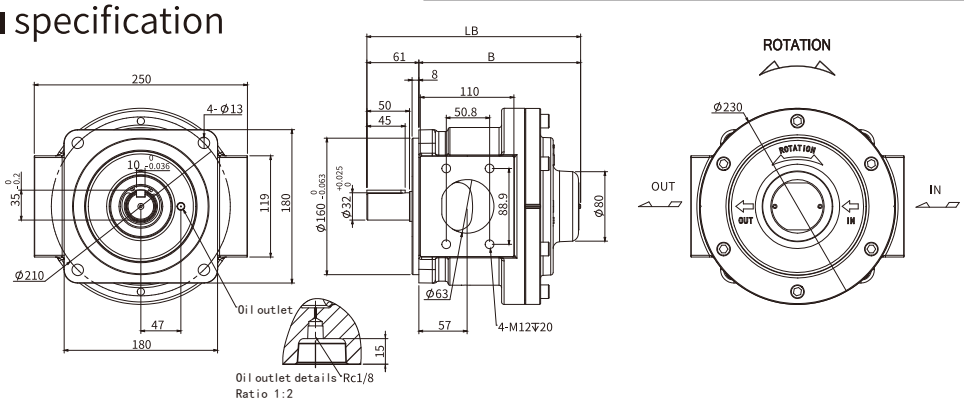
4RD reversible oil pump



Regardless of forward or reverse rotaion, an oil always flows in the same direction.

In terms of structure, a special reverse sealing coil is used to make the offset position of the cycloid rotor rotate 180 degrees with the rotation direction, so as to achieve the design that oil can flow in a certain direction regardless of the rotation direction.

■ specification

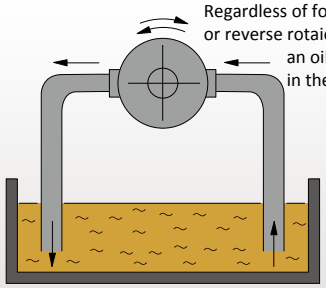


Model \ Item	A	B
4RD-100-046	241	180
4RD-130-046	251	190

Model \ Item	Theoretical displacement (cm³/rev)	Theoretical discharge (L/min) 1000r/min	Theoretical discharge (L/min) 1200r/min	Max. pressure (MPa)	Max. revolution (r/min)	Viscosity range mm²/sec	Oil temperature (°C)	Approx. Weight (Kg)
4RD-100-046	100.0	100.0	120.0	1.0	1500	10-500	20-100	35.0
4RD-130-046	148.5	148.5	178.2	1.0	1500	10-500	20-100	38.5

Test conditionsExperimental oil: ISO-VG32 Oil temperature:40℃ (average)

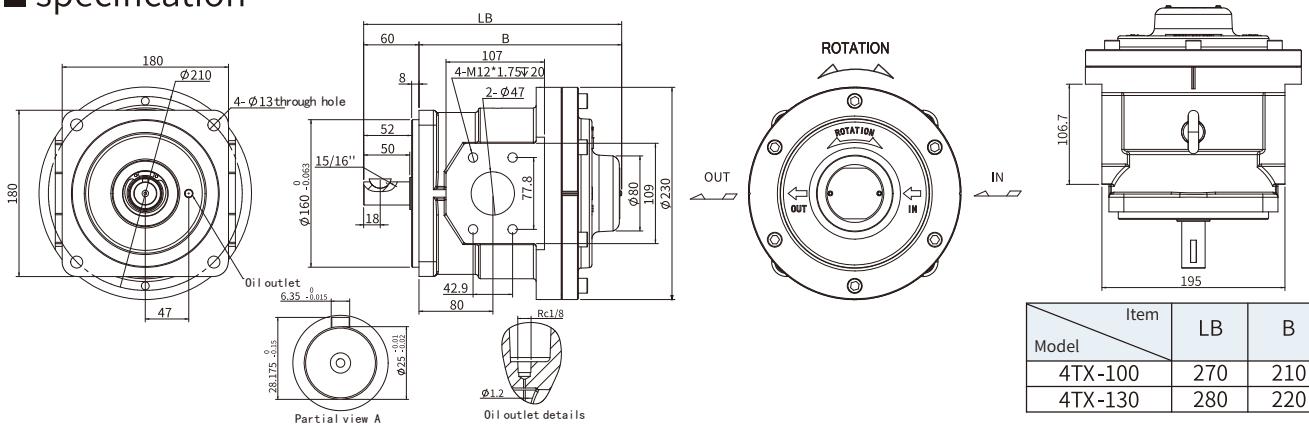
4TX reversible oil pump



Regardless of forward or reverse rotaion, an oil always flows in the same direction.

In terms of structure, a special reverse sealing coil is used to make the offset position of the cycloid rotor rotate 180 degrees with the rotation direction, so as to achieve the design that oil can flow in a certain direction regardless of the rotation direction.

■ specification

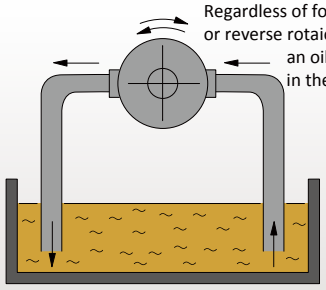


Model \ Item	LB	B
4TX-100	270	210
4TX-130	280	220

Model \ Item	Theoretical displacement (cm³/rev)	Theoretical discharge (L/min) 1000r/min	Theoretical discharge (L/min) 1200r/min	Max. pressure (MPa)	Max. revolution (r/min)	Viscosity range mm²/sec	Oil temperature (°C)	Approx. Weight (Kg)
4TX-100	111.3	111.3	133.6	1.0	1500	10-500	20-100	41.0
4TX-130	148.5	148.5	178.2	1.0	1500	10-500	20-100	45.0

Test conditionsExperimental oil: ISO-VG32 Oil temperature:40℃ (average)

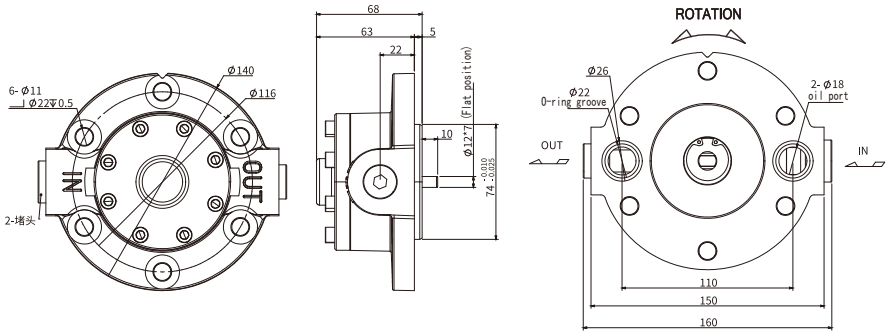
2RG reversible oil pump



Regardless of forward or reverse rotaion, an oil always flows in the same direction.

In terms of structure, a special reverse sealing coil is used to make the offset position of the cycloid rotor rotate 180 degrees with the rotation direction, so as to achieve the design that oil can flow in a certain direction regardless of the rotation direction.

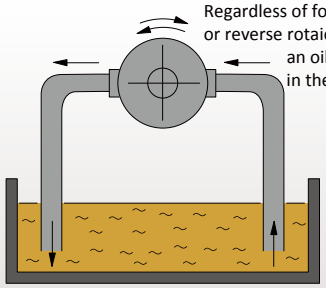
■ specification



Item / Model	Theoretical displacement (cm^3/rev)	Theoretical discharge (L/min)		Max. pressure (MPa)	Max. revolution (r/min)	Approx. Weight (Kg)
		1500r/min	1800r/min			
TOP-2RG-4C	4.0	6.0	7.2	0.5	2000	3.50

Test conditionsExperimental oil: ISO-VG46 Oil temperature:40℃ (average)

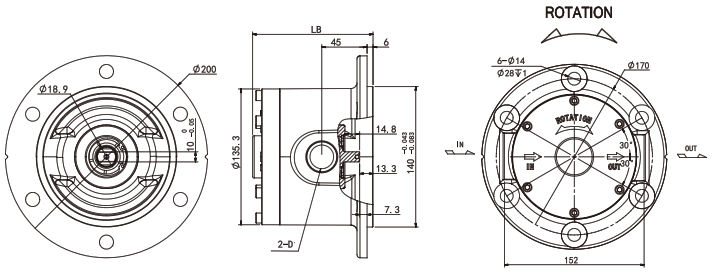
3RG reversible oil pump



Regardless of forward or reverse rotaion, an oil always flows in the same direction.

In terms of structure, a special reverse sealing coil is used to make the offset position of the cycloid rotor rotate 180 degrees with the rotation direction, so as to achieve the design that oil can flow in a certain direction regardless of the rotation direction.

■ specification

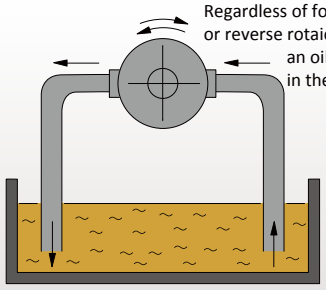


Item / Model	LB	D
TOP-3RG-10T	100	RC1/2
TOP-3RG-15T	105	RC1/2
TOP-3RG-20T	110	RC3/4
TOP-3RG-25T	115	RC3/4
TOP-3RG-30T	120	RC1

Item / Model	Theoretical displacement (cm^3/rev)	Theoretical discharge (L/min)		Max. pressure (MPa)	Max. revolution (r/min)	Approx. Weight (Kg)
		1000r/min	1200r/min			
TOP-3RG-10T	13.0	13.0	15.6	0.5	1800	9.10
TOP-3RG-15T	19.5	19.5	23.4	0.5	1800	9.10
TOP-3RG-20T	26.0	26.0	31.2	0.5	1800	9.60
TOP-3RD-25T	32.5	32.5	39.0	0.5	1800	10.1
TOP-3RG-30T	39.0	39.0	46.8	0.5	1800	10.6

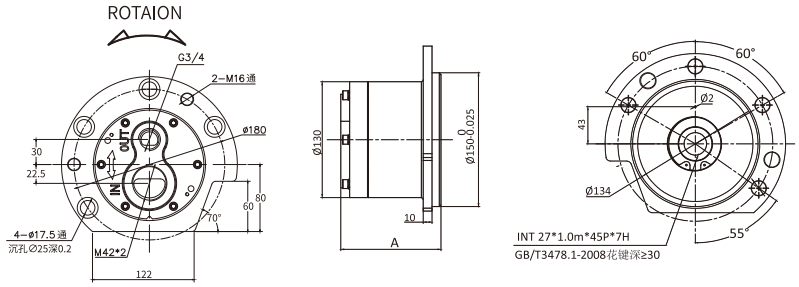
Test conditionsExperimental oil: ISO-VG46 Oil temperature:40℃ (average)

3HG reversible oil pump



Regardless of forward or reverse rotaion, an oil always flows in the same direction.

In terms of structure, a special reverse sealing coil is used to make the offset position of the cycloid rotor rotate 180 degrees with the rotation direction, so as to achieve the design that oil can flow in a certain direction regardless of the rotation direction.

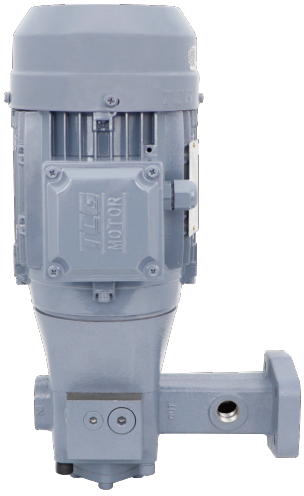


Model \ Item	A
3HG-10T	92
3HG-15T	97
3HG-20T	102
3HG-25T	107
3HG-30T	112

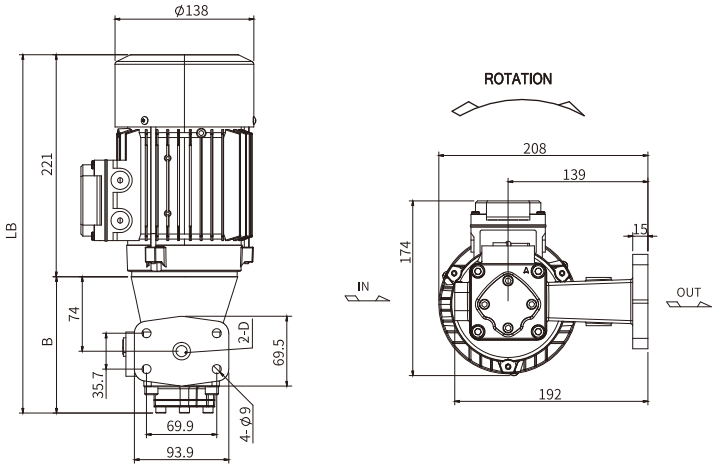
Model \ Item	Theoretical displacement (cm^3/rev)	Theoretical discharge (L/min)		Max. pressure (MPa)	Max. revolution (r/min)	Approx. Weight (Kg)
		1000r/min	1200r/min			
TOP-3HG-10T	13.0	13.0	15.6	0.5	1800	8.0
TOP-3HG-15T	19.5	19.5	23.4	0.5	1800	8.5
TOP-3HG-20T	26.0	26.0	31.2	0.5	1800	9.0
TOP-3HD-25T	32.5	32.5	39.0	0.5	1800	9.5
TOP-3HG-30T	39.0	39.0	46.8	0.5	1800	10.0

Test conditionsExperimental oil: ISO-VG46 Oil temperature:40°C (average)

TOP-2M370-B4-2HF*



(Oil pump motor for wind energy filter)



Model \ Item	LB	B	D
TOP—2M370—B4-2HF6	350	129	Rc1/2
TOP—2M370—B4-2HF9	353	132	Rc1/2
TOP—2M370—B4-2HF12	357	136	Rc1/2

Model \ Item	Theoretical displacement (cm^3/rev)	Theoretical discharge (L/min)		Max. pressure (MPa)	Max. revolution (r/min)	Approx. Weight (Kg)
		1500r/min	1800r/min			
TOP-2HF6	4.0	6.0	7.2	3.0	3000	10.0
TOP-2HF9	6.0	9.0	10.8	2.5	2500	11.0
TOP-2HF12	8.0	12.0	14.4	2.5	2500	12.0

Test conditionsExperimental oil: ISO-VG46 Oil temperature:40°C (average)