Contents

Speci f cation

Type		HDL-300	HDL-350	HDL-400
Displacement	cc	291	328	400
Theoretical max. output torque	N·m	959	1081	1018
Max. differential pressure	bar	207	207	207
Max. speed	rpm	100	100	100
Mechanical braking torque	N·m	—	—	—
Drain port	—	Required	Required	Required
Applicable tonnage	Ton	0.8~1.0	1.0~1.3	1.3~1.5

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- It is not recommended that the motor be at max. torque and max. speed at the same time.
- The filtration standard of ISO 4406 cleaning standard 20/18/13 is recommended.
- High quality anti-wear hydraulic fluids are recommended.
- When the temperature is 50° C, the minimum viscosity of the oil is recommended to be 20mm^2/s.
- The recommended maximum operating temperature is 82°C .
- To assure best motor life, run motor for approx. 1 hour at 30% of rated load before operating at full load, and the motor should be made sure that the inside of the motor is filled with oil before it is run.

HDL	300	H06	S1	A	N	A
①	②	③	④	⑤	⑥	⑦

①	Orbital Hydraulic Motor	HDL

02

Shaft end dimension

Rotation direction: CW

When facing the motor shaft extension direction,port A is high pressure oil,the output shaft rotates CW; Otherwise, it rotates CCW.

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