



Contents

Specification

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
Weight(kg)		20.418	20.658	21.133

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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 20mm²/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.

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HDL	300	H06	S1	A	N	A

	Orbital Hydraulic Motor	HDL
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Shaft end dimension

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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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