



DONG-I

MARINE
TRANSMISSIONS

MARINE TRANSMISSIONS

POWER TAKE-OFF

STEERING SYSTEM

DONG-I INDUSTRIAL CO., LTD.



SHANGHAI TRANSMISSIONS AND CONTROL SYSTEMS

DONG-I INDUSTRIAL CO., LTD.

DOHO-I MARINE TRANSMISSIONS



DOHO 104



DOHO 204L



DOHO 304



DOHO 401

TECHNICAL DATA

Model	Max. Power kW	Max. RPM	Max. Input Torque kgm / m	Gear Positions			No. Output Shafts	Weight kg
				Reverse	Neutral	Forward		
DOHO 104	140.0 (19.0) / 150.0 (20.0)	1300	37	40	0	37	74.0	210.0
DOHO 204L	170.0 (23.0) / 180.0 (24.0)	1300	50	75	0	50	77	240.0
DOHO 304	220.0 (30.0) / 240.0 (33.0)	1300	65	100	100	65	100	310.0
DOHO 301	220.0 (30.0) / 240.0 (33.0)	1300	65	100	100	65	100	310.0
DOHO 307	220.0 (30.0) / 240.0 (33.0)	1300	67	100	100	65	100	310.0
DOHO 404L	310.0 (42.0)	1300	97.5	100	100	100	200	510.0
DOHO 404	310.0 (42.0) / 330.0 (45.0)	1300	100	170	100	100	200	510.0
DOHO 404L	310.0 (42.0)	1300	100	100	100	100	200	510.0
DOHO 404	310.0 (42.0) / 330.0 (45.0)	1300	100	170	100	100	200	510.0

*Power based on ISO 15024-1:2002



DOHO 107



DOHO 204L



DOHO 304
DOHO 304L



DOHO 404L



Cummins 1000



Cummins 1000



Cummins 1000



Cummins 1000



Cummins 1000

Model	Rated Power (kW)	No. of Cylinders	No. of Valves per Cylinder	Stroke (mm)			No. of Cylinders per Row	Weight (kg)
				Bore	Stroke	Connecting Rod		
Cummins 1000	735.5 (1000 HP)	12	4	130	150	150	10	11.2
Cummins 1000	735.5 (1000 HP)	12	4	130	150	150	10	11.2
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Cummins 1000



Cummins 1000



Cummins 1000



Cummins 1000



Cummins 1000

www.cummins.com

P.T.O. BUILT-IN MARINE TRANSMISSIONS



RPT 100



RPT 150



RPT 200



RPT 300

TECHNICAL DATA

Model Code	Maximum Torque (Nm)	Max. shaft Power (kW)	Max. shaft Torque (kg. cm)	Gear (Forward)			Oil Weight (kg)	Weight (kg)
				1st gear	2nd gear	Reverse		
RPT 100	147, 170, 1 80	100	100	375	400	400	120	1 210
	148, 150	100	100	380	370	440	120	1 210
	149	100	100	380	380	370	120	1 210
RPT 150	214, 200, 2 00	150	150	550	600	700	180	1 710
	207, 200	150	150	550	600	700	180	1 710
RPT 200	348, 370	200	200	700	750	800	260	2 110
	350	200	200	670	680	700	260	2 110
	349	200	200	700	700	700	260	2 110
RPT 300	518, 570	300	300	1 000	1 100	1 200	380	3 110
	520	300	300	970	980	1 100	380	3 110
	519	300	300	1 000	1 000	1 100	380	3 110
RPT 300L	518, 570, 590	300	300	1 000	1 100	1 200	380	3 110
	520	300	300	970	1 000	1 100	380	3 110
	519	300	300	1 000	1 000	1 100	380	3 110

APPLICATION OF P.T.O. BUILT-IN TRANSMISSIONS

These transmissions, RPT 100, RPT 150, RPT 200 & RPT 300, can be used with or without P.T.O.

The Power Take-Off built-in transmission system is possible to operate pumps for hydraulic system and/or steering system, when fitted.



◆ DMTF 5180

Up to 500HP Capacity Marine Transmission with PFD Various Reduction Ratio 1.47-3.48



- ◆ Power 1000-2000
Capacity: 500HP torque (with 1.47 reduction)
Reduction: 1.47, 1.71, 2.27, 3.48 (with 1.47 base)
Pump Mounting: (option)
- ◆ Safety/Alarm System: Slow Speed Control
- ◆ Control System: Remote Control (10.2', 30')
- ◆ Maintenance/Check: For the light (optional)

◆ DMTF 4500

600HP High-Reduction ratio Marine Transmission DMTF 4500 is suitable for various type of boat such as fishing boat, tug boat work boat & etc.

- ◆ High-Reduction Ratio for power efficiency
1.71, 2.27, 3.48, 4.71, 5.88
- ◆ Power 1000-2000
Capacity: 600HP torque (with 1.47 reduction)
Reduction: 1.47, 1.71, 2.27, 3.48 (with 1.47 base)
Pump Mounting: (option)
- ◆ Slow Operation Safety Circuit
Powering the input received by safety



▶ DPT 100H

High Capacity, 100HP grade Marine Transmission

- Reduction Ratio** 2.40, 2.25, 1.75 - Standard
 2.75, 1.40 - Special RR (Special Reduction, over build)
- Shaft Mounting** 540 Standard, 1. No. following Reg. 91 / 91'
- Case/PCB** Mild Steel/Alloys - 540 & 6. (1, 2) S.P. type Polyurethane
- Standard Equipment** Full/Full Change Oil Filter (Standard with 2nd Stage), Full Distributing Plate Brakes, Propeller Coupling, Pressure Gauge



- Options** PTO/Prop. Mounting/PCB
 Towing plate
 Forward Coupling 91'



REDUCTION RATIO	540MM SHFT			6.0MM SHFT			1.000MM SHFT		
	Capacity (kg @ 1000)	Capacity (kg @ 1500)	Capacity (kg @ 2000)	Capacity (kg @ 1000)	Capacity (kg @ 1500)	Capacity (kg @ 2000)	Capacity (kg @ 1000)	Capacity (kg @ 1500)	Capacity (kg @ 2000)
2.40	1,000	1,500	2,000	1,000	1,500	2,000	1,500	2,000	2,500
2.25	1,000	1,500	2,000	1,000	1,400	2,000	1,400	2,000	2,400
1.75	875	1,300	1,750	875	1,300	1,750	1,300	1,750	2,300
1.40	750	1,100	1,400	750	1,100	1,400	1,100	1,500	2,000
2.75	610	900	1,200	610	900	1,200	900	1,200	1,600

C DIMENSIONAL DATA



	A	B	C	D	E	F	G	H	I	J	K	L	M
DW1000	340	380	150	80	110.7	200.7	170	100	107	300	60	100	100
DW1200	340	380	150	80	110.7	200.7	170	100	107	300	60	100	100
DW1500	360	390	160	80	100.0	200.0	170	100	100	300	70	100	100
DW1800	400	420	170	80	100.0	200.0	180	100	100	300	70	100	100
DW2000	410	430	180	80	100.0	200.0	180	100	100	300	70	100	100
DW2200	420	450	190	70	119	200.0	180	100	100	300	100	100	100
DW2500	420	450	190	70	119	200.0	180	100	100	300	100	100	100
DW2800	430	460	190	80	100	200	190	100	100	300	100	100	100
DW3000	430	460	190	80	100	200	190	100	100	300	100	100	100
DW3500	450	480	200	70	100.0	200.0	190	100	100	300	100	100	100
DW4000	470	500	210	80	100	200	200	100	100	300	100	100	100
DW4500	490	520	220	80	117.0	200.0	200	100	100	300	100	100	100
DW5000	510	540	230	70	100	200.0	200	100	100	300	100	100	100
DW5500	530	560	240	70	100	200	200	100	100	300	100	100	100
DW6000	550	580	250	70	100	200	200	100	100	300	100	100	100
DW6500	570	600	260	70	100	200	200	100	100	300	100	100	100
DW7000	590	620	270	70	100	200	200	100	100	300	100	100	100
DW7500	610	640	280	70	100	200	200	100	100	300	100	100	100
DW8000	630	660	290	70	100	200	200	100	100	300	100	100	100
DW8500	650	680	300	70	100	200	200	100	100	300	100	100	100
DW9000	670	700	310	70	100	200	200	100	100	300	100	100	100
DW9500	690	720	320	70	100	200	200	100	100	300	100	100	100

1. Note: Dimensions are subject to change without notice.
 2. All dimensions are in millimeters (mm) unless otherwise specified.

2. DONG HAIWINE TRANSMISSION

SMALL SPACE FOR INSTALLATION

SIMPLE STRUCTURE

EASY MAINTENANCE



DONG HAIWINE transmission is equipped with hydraulic system, and has the advantages of small installation space.

This engine transmission system not only could meet engine makers' demand, DONG HAIWINE is the best selection.

This is the model of marine transmission meeting engine 400HP and suitable for various motorboat models.

- | | |
|----------------|----------------|
| 1. Upper cover | 8. Upper shaft |
| 2. Gear | 9. Lower gear |
| 3. Gear | 10. Upper gear |
| 4. Gear | 11. Lower gear |
| 5. Gear | 12. Gear |
| 6. Gear | 13. Gear |
| 7. Upper cover | 14. Housing |

3. OPTION PART

LOW SPEED NAVIGATION IS REQUIRED

1. Working mode



NOTE: For low speed navigation, the engine speed is required to be lower than 1500rpm.

The TRANSMISSION is designed to be installed with simple structure. The installation can be applied to various boat with other motor.

NOTE: TRANSMISSION is not the final. Regardless of hydraulic pressure, please visit the website www.boatmate.com (phone: 86 10 6041 1111) for more information.

◀ **SELLING IN EVERY SEA OF THE WORLD!** ▶



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