

MECHANICAL MARINE GEARBOX

- Durable cast iron construction
- Case hardened and precisely ground gear teeth for Long life and smooth running
- Smooth actuation & high reliability
- Easy clutch adjustment
- Low maintenance

Power Range in HP	10 to 25
Continuous Torque in kgf-m	9
Maximum Speed in RPM	2400
Reduction Ratio	1,2
Weight in Kg	80
SAE Mountings	3 & Direct Couple

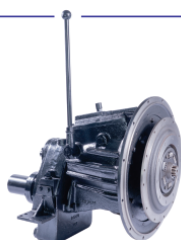


MG 2



MG 3

Power Range in HP	25 to 60
Continuous Torque in kgf-m	13
Maximum Speed in RPM	2400
Reduction Ratio	2,10,2,95,3,35,3,83
Weight in Kg	100
SAE Mountings	3 & Direct Couple



MG 7

Power Range in HP	100 to 140
Continuous Torque in kgf-m	50
Maximum Speed in RPM	2400
Reduction Ratio	3, 4
Weight in Kg	180
SAE Mountings	1



DA 5

Power Range in HP	80 to 100
Continuous Torque in kgf-m	28
Maximum Speed in RPM	2400
Reduction Ratio	2
Weight in Kg	100
SAE Mountings	3 & Direct Couple

MARINE POWER TAKE - OFFS

Eco-friendly + Non-Asbestos

- Eco-friendly Non-Asbestos material is used hence it increases life of PTO.
- Flexible input coupling eliminates misalignment.
- Smooth actuation and High reliability and durability.
- Low maintenance and more efficient and light in weight.

Max. Torque Rating	18 Kg-m 177 NM
Max. Input Speed in RPM	2400
Stroke of Operating Lever	13°
Approx. Dry. Weight (Kg)	60



GP 1070 M - 1



GP 1100 M - 1

Max. Torque Rating	34 Kg-m 333 NM
Max. Input Speed in RPM	2400
Stroke of Operating Lever	15°
Approx. Dry. Weight (Kg)	120

Note:

- Technical details mentioned above are approximate and may change as per site condition/situation.
- As continuous improvements are contemplated the description and illustrations are not binding.
- All data subject to change without prior notice.

Application -

Fishing Boats Ferry Boats Passenger Boats RORO Vessels Tug Boats
Catamaran Patrolling Boats Mooring Boats Barge



Approved By
IRCLASS
Indian Register of Shipping

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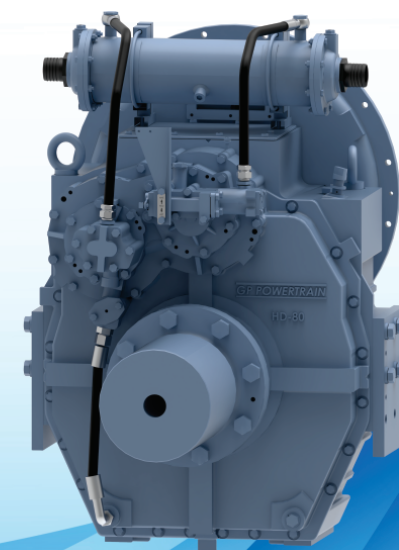
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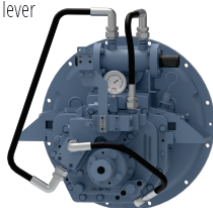
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INDUSTRIES LTD.**

Since - 1960

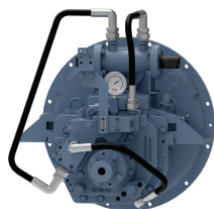
Hydraulic Marine Gearbox

- Smooth actuation & high reliability
- Equal power transmission in both Astern & Ahead direction
- Suitable for twin screw application
- Smooth and reliable hydraulic shifting with control lever
- Emergency come home facility
- Low maintenance

Power Range in HP	10 to 40
Continuous Torque in kgf-m	12
Maximum Speed in RPM	2400
Reduction Ratio	1, 2
Weight in Kg	70
SAE Mountings	3

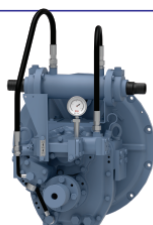


HG 2



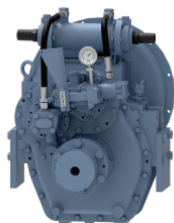
HG 3

Power Range in HP	20 to 60
Continuous Torque in kgf-m	18
Maximum Speed in RPM	2400
Reduction Ratio	2
Weight in Kg	90
SAE Mountings	3



HG 4

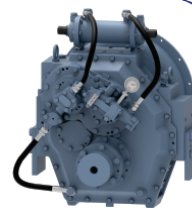
Power Range in HP	40 to 80
Continuous Torque in kgf-m	28
Maximum Speed in RPM	2400
Reduction Ratio	1.64, 2, 2.5, 3, 3.5
Weight in Kg	100
SAE Mountings	3



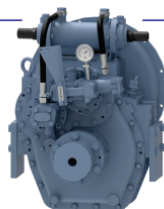
HG 7

Power Range in HP	100 to 140
Continuous Torque in kgf-m	48
Maximum Speed in RPM	2400
Reduction Ratio	1.61, 2, 2.5, 2.82, 3, 3.5
Weight in Kg	210
SAE Mountings	1, 2, 3

Power Range in HP	160 to 200
Continuous Torque in kgf-m	64
Maximum Speed in RPM	2400
Reduction Ratio	3, 3.5, 6, 7
Weight in Kg	400
SAE Mountings	1

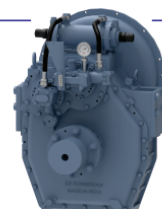


HG 10



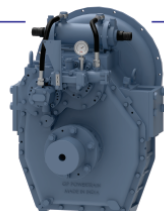
HG 11

Power Range in HP	150 to 220
Continuous Torque in kgf-m	73
Maximum Speed in RPM	2400
Reduction Ratio	15.2, 25, 3, 32, 35, 4.5, 6, 7
Weight in Kg	210
SAE Mountings	1, 2, 3



HG 13

Power Range in HP	240 to 280
Continuous Torque in kgf-m	89
Maximum Speed in RPM	2400
Reduction Ratio	2, 2.5, 3, 3.5, 4, 4.5, 5, 5.29, 6, 7
Weight in Kg	330
SAE Mountings	1, 2, 3



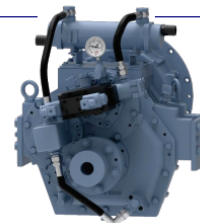
HG 17

Power Range in HP	300 to 340
Continuous Torque in kgf-m	121
Maximum Speed in RPM	2400
Reduction Ratio	2, 2.5, 3, 3.5, 4, 4.5, 5, 5.29, 6, 7
Weight in Kg	340
SAE Mountings	1, 2, 3

High Speed Marine Gearbox

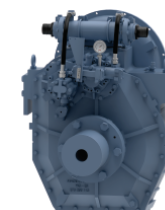
India's First High-Speed Gearbox

Ratio	2
Max. Input Torque (kgf.m / N.m)	64 / 653
Capacity / RPM (Kw / HP)	0.065 / 0.088
Capacity / 2000 RPM (kW / HP)	261 / 350
Max. Input RPM	4000
Standard Flywheel Housing (SAE)	3, 4
Dry Weight (kg)	180



HS 13

Power Range in HP	300 to 500
Continuous Torque in kgf-m	172
Maximum Speed in RPM	2400
Reduction Ratio	2, 2.5, 3, 3.5, 4, 4.5, 5, 5.67, 6
Weight in Kg	550
SAE Mountings	0, 1



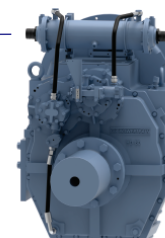
HG 25



HD 55+

Heavy Duty Marine Gearbox

Power Range in HP	400 to 700
Continuous Torque in kgf-m	240
Maximum Speed in RPM	2400
Reduction Ratio	2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6
Weight in Kg	700
SAE Mountings	0, 1, Holset



HD 80

Heavy Duty Marine Gearbox

Ratio		3.02", 3.28", 3.56", 4.07	4.48	4.95
Max Input Torque	Nm	5395	5160	4265
	kgf.m	550	526	435
Max Input RP		2300	2300	2300
Capacity/RPM	HP	0.757	0.724	0.599
	kW	0.565	0.540	0.446
Capacity/ RPM	2200	HP	1666	1594
		kW	1242	1188
	2000	HP	1515	1449
		kW	1129	1080
Capacity/ RPM	1800	HP	1363	1304
		kW	1016	972
Standard Bell Housing (SAE)			0	
Dry Weight (KG)			1250	