



HG Series Gear Motor

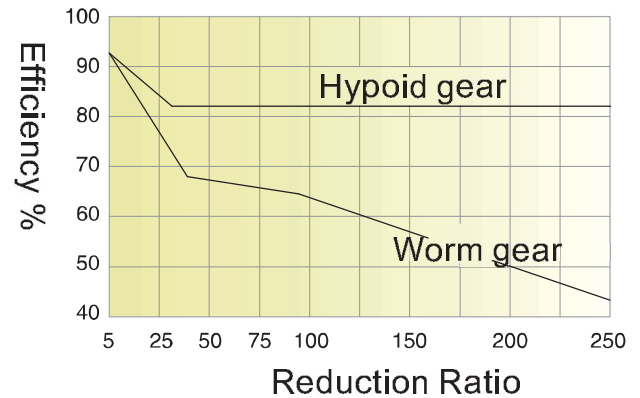
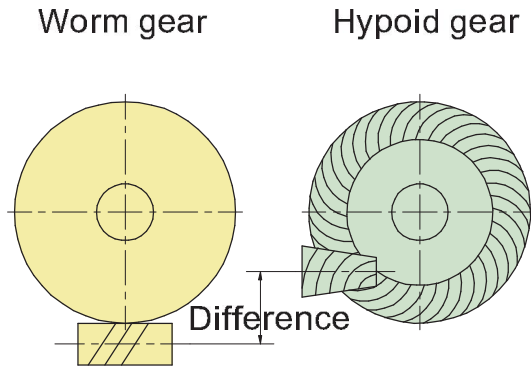
High Efficiency

High Intensity

Compact Size



HG Series Features



HG Series reduction motor adopted Hypoid Gear design

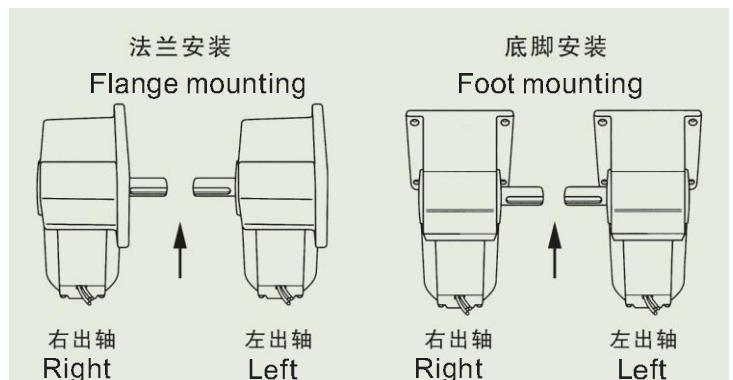
- **High Efficiency**
- **High Intensity**
- **Low Noise**
- **Compact Size**
- **Easy Installation**

HG Series Demonstration of the type

HG F -18 R - 015 - T 90 B

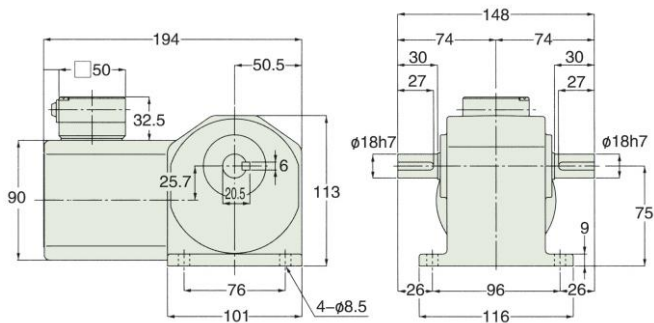
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① Series : **HG** mean hypoid gear reduction motor ;
- ② Mounting: **F** Flange **L** Foot mounting ;
- ③ Shaft size: **18** mean Shaft size is **18mm** ;
- ④ Direction of Output Shaft : **R** Right **L** Left
D Right and left **N** Hollow shaft ;
- ⑤ Reduction ratio : **15** Mean Reduction ratio is **15** ;
- ⑥ Phase : **T** Three phase **S** Single phase ;
- ⑦ Power : **90** mean max output power is **90W** ;
- ⑧ Attachment: **K** Junction box , **B** Brake ,
T Speed governor , **F** Fan .

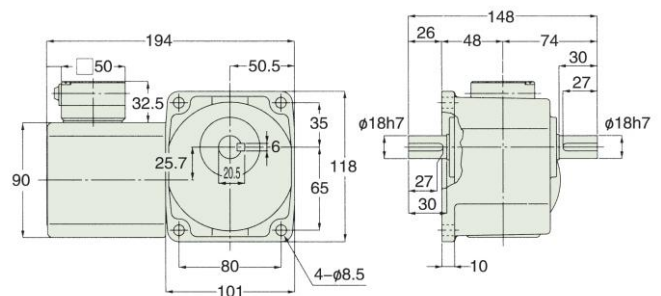


HG Series Dimension

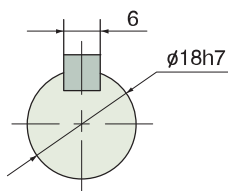
HG L-18D-10~240-T(S)40~90K



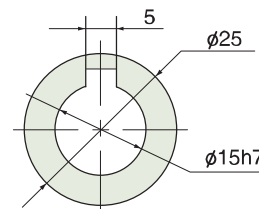
HG F-18D-10~240-T(S)40~90K



Output shaft dimension



solid shaft



hollow shaft

HG Series Allowable load

Preferences	Output Speed	150	100	75	60	50	37.5	30	25	18.8	15	12.5	10	7.5	6
	Reduction Ratio	10	15	20	25	30	40	50	60	80	100	120	150	200	250
Allowable Max load N.m Kgf.m	40W	1.78	2.64	3.53	4.42	5.31	7.06	8.81	10.6	13.3	16.7	19.4	25	33.3	41.67
		0.18	0.26	0.35	0.44	0.53	0.71	0.88	1.06	1.33	1.67	1.94	2.5	3.33	4.17
	60W	2.95	4.4	5.88	7.36	8.84	11.7	14.7	17.6	22.2	27.8	33.3	41.7	55.56	69.44
		0.29	0.44	0.59	0.74	0.88	1.17	1.47	1.76	2.22	2.78	3.33	4.17	5.56	6.94
	90W	4.94	7.33	9.80	12.3	14.7	19.6	24.5	29.4	37	46.3	55.6	69.4	92.59	115
		0.49	0.73	0.98	1.23	1.47	1.96	2.45	2.94	3.7	4.63	5.56	6.94	9.26	11.5
	120W	6.38	7.92	10.59	13.2	15.9	21.2	26.4	31.8	39.9	50.1	58.2	75	99.9	115
		0.64	0.79	1.06	1.32	1.59	2.12	2.64	3.18	3.99	5.01	5.82	7.5	9.99	11.5
	180W	8.85	13.2	17.6	22.1	26.5	35.1	44.1	52.8	66.6	83.4	99.9	115	115	115
		0.88	1.32	1.76	2.21	2.65	3.51	4.41	5.28	6.66	8.34	9.99	11.5	11.5	11.5



Heat-Treating Facility



Machining Center



Kegelradverzahnungsmaschine



Numerical Control Gear Ho ing Machine



Gear Grinding Machine



Gear Inspection Instrument

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