



GEARHEADS(POWERFUL TYE) Frame size 90mm sq. (3.54 in. sq.)

BALL BEARING TYPE

▶ **RATED TORQUE OF GEARHEAD**

MODEL	Speed(rpm)		500	300	200	120	100	60	50	30	20	15	10	9	6	5	3	2	1	
	Ratio	Speed	50Hz	3	5	7.5	12.5	15	25	30	50	75	100	150	166.7	250	300	500	750	1500
			60Hz	3.6	6	9	15	18	30	36	60	90	120	180	200	300	360	600	900	1800
L9VK□B L9WK□B L9V10D(DECIMAL)	High	kg-cm	18.0	30.0	45.0	67.5	81.0	122.1	146.5	200	200	200	200	200	200	200	200	200	200	200
	Low		14.1	23.5	35.2	52.9	63.5	95.7	114.8	191.4	200	200	200	200	200	200	200	200	200	200
	High	N-m	1.76	2.94	4.41	6.62	7.94	11.97	14.36	19.60	19.60	19.60	19.60	19.60	19.60	19.60	19.60	19.60	19.60	19.60
	Low		1.38	2.30	3.45	5.19	6.22	9.38	11.25	18.76	19.60	19.60	19.60	19.60	19.60	19.60	19.60	19.60	19.60	19.60
	High	oz-in	250	416	624	938	1125	1696	2035	2777	2777	2777	2777	2777	2777	2777	2777	2777	2777	2777
	Low		196	326	489	735	882	1329	1595	2658	2777	2777	2777	2777	2777	2777	2777	2777	2777	2777

With Decimal Gearhead

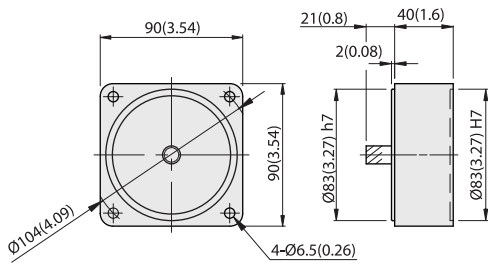
- * The normal torque is that the motor and gearhead are directly coupled.
- * Insert the denominator of reduction ratio in □ of gearhead model name.
- * Actual rotation speed is 2-15% less than synchronous speed.
- * ■Color indicates that the rotation of gearhead shaft is in opposite direction as output shaft of motor.

DIMENSIONS

Unit : mm (inch)

DECIMAL GEARHEAD

L9V10D

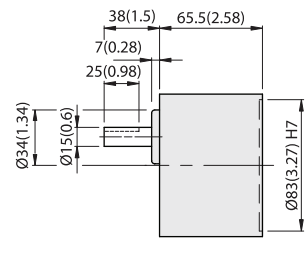


WEIGHT 0.6kg (1.3 lb)

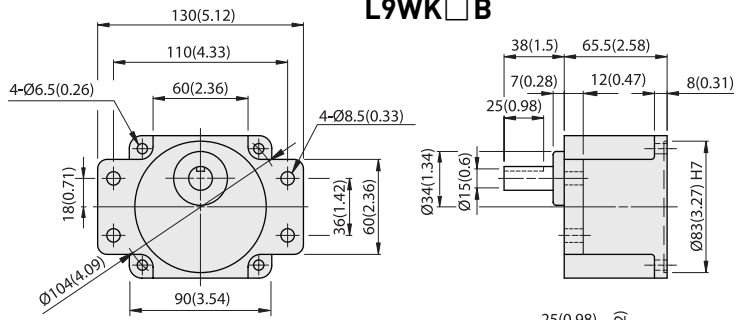


GEARHEAD

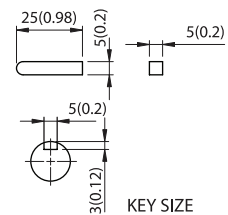
L9VK□B



L9WK□B

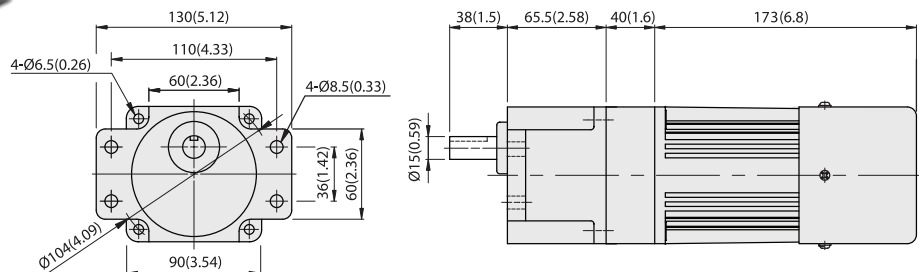


MODEL	GEAR RATIO	WEIGHT		BOLT
		kg	lb	
L9VK□B	1/3~1/200	1.5	3.3	M6x95
L9WK□B	1/3~1/200	1.6	3.5	M6xL25



KEY SIZE

L9WK□B + L9V10D + L9R120P□HT



SPEED CONTROL
REVERSIBLE MOTORS



GEARHEADS(ULTRA POWERFUL TYPE) Frame size 90mm sq. (3.54 in. sq.)

BALL BEARING TYPE

▶ RATED TORQUE OF GEARHEAD

MODEL	Speed(rpm)		500	300	200	120	100	60	50	30	20	15	10	9	6	5	3	2	1	
	Ratio	Speed	50Hz	3	5	7.5	12.5	15	25	30	50	75	100	150	166.7	250	300	500	750	1500
L9UK□B	High	kg-cm	18.0	30.0	45.0	67.5	81.0	122.1	146.5	244.2	300	300	300	300	300	300	300	300	300	300
	Low	kg-cm	14.1	23.5	35.2	52.9	63.5	95.7	114.8	191.4	256.7	300	300	300	300	300	300	300	300	300
L9V10D(DECIMAL)	High	N-m	1.76	2.94	4.41	6.62	7.94	11.97	14.36	23.93	29.40	29.40	29.40	29.40	29.40	29.40	29.40	29.40	29.40	29.40
	Low	N-m	1.38	2.30	3.45	5.19	6.22	9.38	11.25	18.76	25.15	29.40	29.40	29.40	29.40	29.40	29.40	29.40	29.40	29.40
	High	oz-in	250	416	624	938	1125	1696	2035	3391	4166	4166	4166	4166	4166	4166	4166	4166	4166	4166
	Low	oz-in	196	326	489	735	882	1329	1595	2658	3564	4166	4166	4166	4166	4166	4166	4166	4166	4166

With Decimal Gearhead

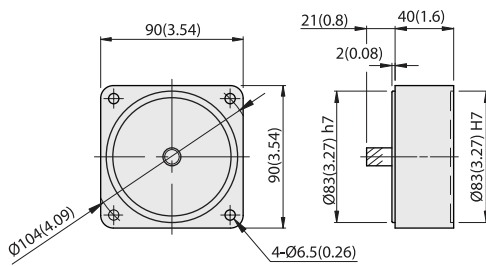
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- * Actual rotation speed is 2-15% less than synchronous speed.
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DIMENSIONS

Unit : mm(inch)

DECIMAL GEARHEAD

L9V10D

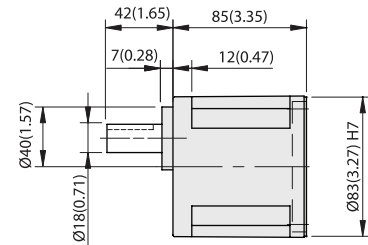


WEIGHT 0.6kg (1.3 lb)

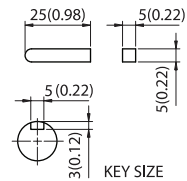


GEARHEAD

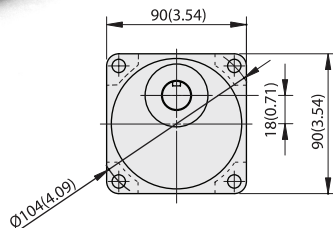
L9UK□B



MODEL	GEAR RATIO	WEIGHT		BOLT
		kg	lb	
L9UK□B	1/3~1/200	1.95	4.3	M6xL20



KEY SIZE



L9UK□B + L9R120P□HT

