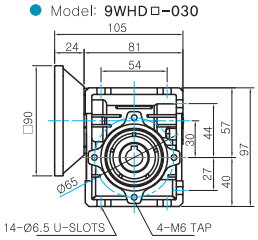
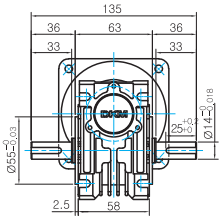
WH Type Worm Hollow Type Gearbox

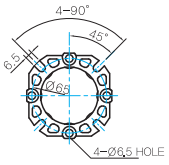
Dimensions

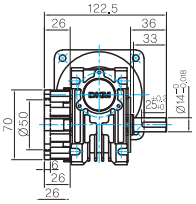
● Model: 9WHD□-030



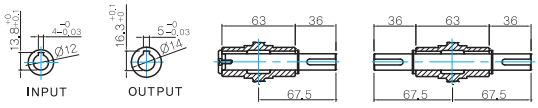


● FLANGE

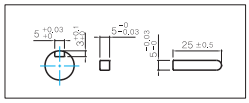




● SHAFT(Unidirectional, Bi-directional)



● KEY SPEC



● WEIGHT

Model	WEIGHT(Kg)
9WHD□-030	1.13

* The output flange and shafts are sold separately.

9WHD□-030 – Max. Permissible Torque

* These are reference figures when the Gearbox is attached to the induction motor.

Motor Output	Gear Ratio		7.5	10	15	20	25	30	40	50	60	80
	60Hz	r/min	240	180	120	90	72	60	45	36	30	22
	50Hz		200	150	100	75	60	50	38	30	25	18
60W	60Hz	kgfcm	26.5	34.0	47.9	60.5	69.3	80.6	99.1	113.4	126.0	132.7
	50Hz		32.8	42.1	59.3	74.9	85.8	99.8	122.7	140.4	156.0	132.7
90W	60Hz		42.8	55.1	77.5	97.9	112.2	130.6	160.5	173.5	163.3	132.7
	50Hz		46.6	59.9	84.4	106.6	122.1	142.1	174.6	173.5	163.3	132.7
120W	60Hz		47.9	61.6	86.6	109.4	125.4	145.9	179.4	173.5	163.3	132.7
	50Hz		61.7	79.4	111.7	141.1	161.7	188.2	183.7	173.5	163.3	132.7
150W	60Hz		61.1	78.6	110.6	139.7	160.1	186.2	183.7	173.5	163.3	132.7
	50Hz		71.2	91.5	128.8	162.7	186.5	204.1	183.7	173.5	163.3	132.7
180W	60Hz		69.3	89.1	125.4	158.4	181.5	204.1	183.7	173.5	163.3	132.7
	50Hz		88.2	113.4	159.6	183.7	214.3	204.1	183.7	173.5	163.3	132.7
200W	60Hz		81.9	105.3	148.2	183.7	214.3	204.1	183.7	173.5	163.3	132.7
	50Hz		94.5	121.5	171.0	183.7	214.3	204.1	183.7	173.5	163.3	132.7

1) Enter the gear ratio in the box (□) within the Gearbox model name.
2) The rotating speed is calculated by dividing the motor's synchronous speed (50Hz: 1,500r/min, 60Hz: 1,800r/min) by the gear ratio. The actual speed is 2~20% less than the displayed value, depending on the size of the load.
3) Caculation of N.m ≒ kgfcm X 0.98

Gearbox Image

9WHD□-030