D Gearbox

Parallel Gearbox

Frame Size 90mm Model: 9GBK□BMH – Max. Permissible Torque

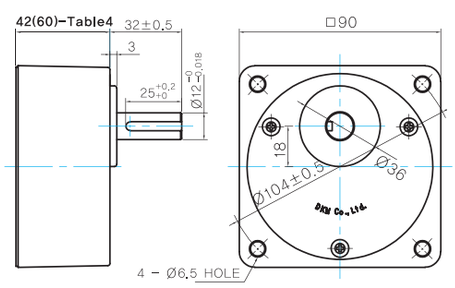
* These are reference figures when the Gearbox is attached to the induction motor.

Motor Output	Gear Ratio		2	3	3.6	5	6	7.5	9	10	12.5	15	18	25	30	36	40	50	60	75	90	100	120	150	180	200
	60Hz	r/min	900	600	500	360	300	240	200	180	144	120	100	72	60	50	45	36	30	24	20	18	15	12	10	9
	50Hz		750	500	417	300	250	200	167	150	120	100	83	60	50	42	38	30	25	20	17	15	13	10	8	7.5
40W	60Hz	kgfcm	4.6	7.0	8.4	11.6	13.9	17.4	20.9	23.2	29.1	34.9	37.8	52.5	63.0	68.5	76.2	95.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	50Hz		5.6	8.5	10.2	14.1	16.9	21.2	25.4	28.2	35.3	42.3	45.9	63.8	76.5	83.2	92.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

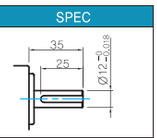
1) Enter the gear ratio in the box (□) within the Gearbox model name.
2) A colored background indicates gear shaft rotation in the same direction as the motor shaft; a white background indicates rotation in the opposite direction.
3) The rotating speed is calculated by dividing the motor's synchronous 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.
4) Caculation of N.m ≒ kgfcm X 0.98

Dimensions

● Model: 9GBK□BMH



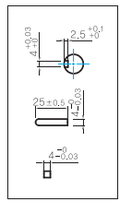
● GEARBOX OUTPUT SHAFT

MODEL	SPEC
KEY TYPE	

● 42(60)–Table4

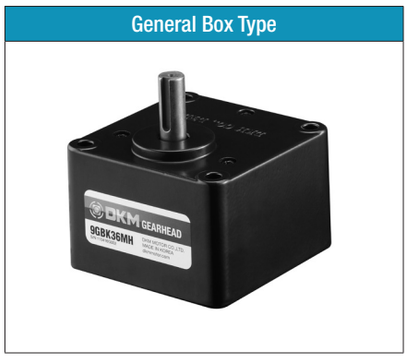
SIZE(mm)	GEAR RATIO
42	9GBK2BMH – 9GBK15BMH
60	9GBK18BMH – 9GBK200BMH

● KEY SPEC



● WEIGHT

Model	WEIGHT(Kg)
9GBK2BMH ~ 9GBK15BMH	0.67
9GBK18BMH ~ 9GBK30BMH	0.96
9GBK36BMH ~ 9GBK200BMH	1.07

Gearbox Image

General Box Type