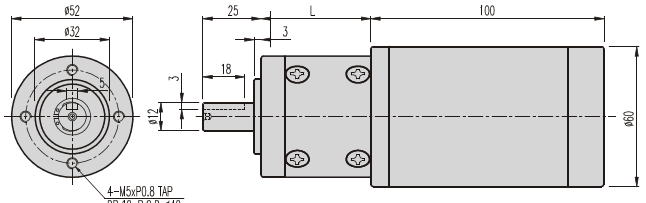
DIMENSIONS

K52–K6DS25N SERIES



GEARHEAD LENGTH

RATIO	L
1/003 ~ 1/004	47
1/012 ~ 1/026	62.5
1/043 ~ 1/126	78
1/150 ~ 1/936	93.5

MOTOR PERFORMANCE DATA

ITEM / MODEL	VOLTAGE (DC)	NO LOAD		AT MAX. EFF.			STALL		WEIGHT (g)
		A	rpm	kgf.cm	A	rpm	A	kgf.cm	
K6DS25N1	12V	1	3450	0.8	3.5	3000	20	5.9	840
K6DS25N2	24V	0.45	3250	0.8	1.5	3000	14.5	9	

AT MAXIMUM EFFICIENCY (K6DS25N SERIES)

MODEL / GEAR	K6DS25N1 DC 12V		K6DS25N2 DC 24V	
	rpm	kgf.cm	rpm	kgf.cm
1/3	1000	1.9	1000	1.9
1/4	750	2.5	750	2.5
1/12	250	6.1	250	6.1
1/15	200	7.7	200	7.7
1/19	158	9.7	158	9.7
1/21	143	10.7	143	10.7
1/26	115	13.3	115	13.3
1/43	70	17.6	70	17.6
1/53	57	21.7	57	21.7
1/66	45	27	45	27
1/81	37	33	37	33
1/100	30	41	30	41
1/113	26.5	46	26.5	46
1/126	23.8	50	23.8	50
1/150	20	50	20	50
1/230	13	75	13	75
1/285	10.5	93	10.5	93
1/353	8.5	100	8.5	100
1/488	6.1	100	6.1	100
1/546	5.5	100	5.5	100
1/676	4.4	100	4.4	100
1/756	4	100	4	100
1/936	3.2	100	3.2	100

* Gearbox output shaft rotation direction is same direction with motor.