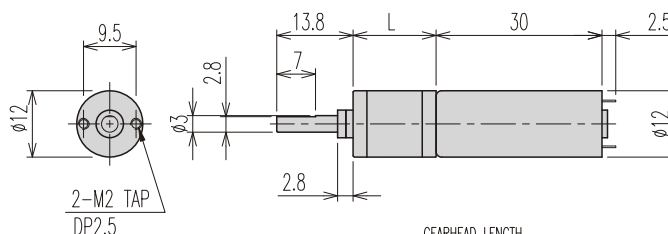


K12-TYPE

Planetary GEARHEAD

DIMENSIONS

K12-1230 SERIES



GEARHEAD LENGTH			
RATIO	L	RATIO	L
1/4	15	1/256	24.9
1/16	18.3	1/1024	28.2
1/64	21.6	1/4096	31.5

MOTOR PERFORMANCE DATA

ITEM MODEL	VOLTAGE (DC)	NO LOAD		AT MAX. EFF.			STALL		WEIGHT (g)
		mA	rpm	gf.cm	A	rpm	A	gf.cm	
NDB-1230-125	2.4V	130	12500	6	450	10100	1.5	23	13
NDC-1230-125	3V	80	12500	5.6	340	10300	1.4	25	
ND1-1230-118	13V	30	11800	5.4	80	8600	0.2	22	

AT MAXIMUM EFFICIENCY (1230 SERIES)

MODEL GEAR	NDB-1230-125		NDC-1230-125		ND1-1230-118	
	DC 2.4V		DC 3V		DC 13V	
	rpm	gf.cm	rpm	gf.cm	rpm	gf.cm
1/4	2525	20	2575	18	2150	17
1/16	631	60	643	57	537	55
1/64	157	200	160	183	134	177
1/256	39	600	40	587	33	566
1/1024	9.8	2000	10	1880	8.4	1810
1/4096	2.4	2000	2.5	2000	2.1	2000

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