

**JMRH 메쉬 파라미터** *원의 나선선, 원 기어의 톱니와 효율*

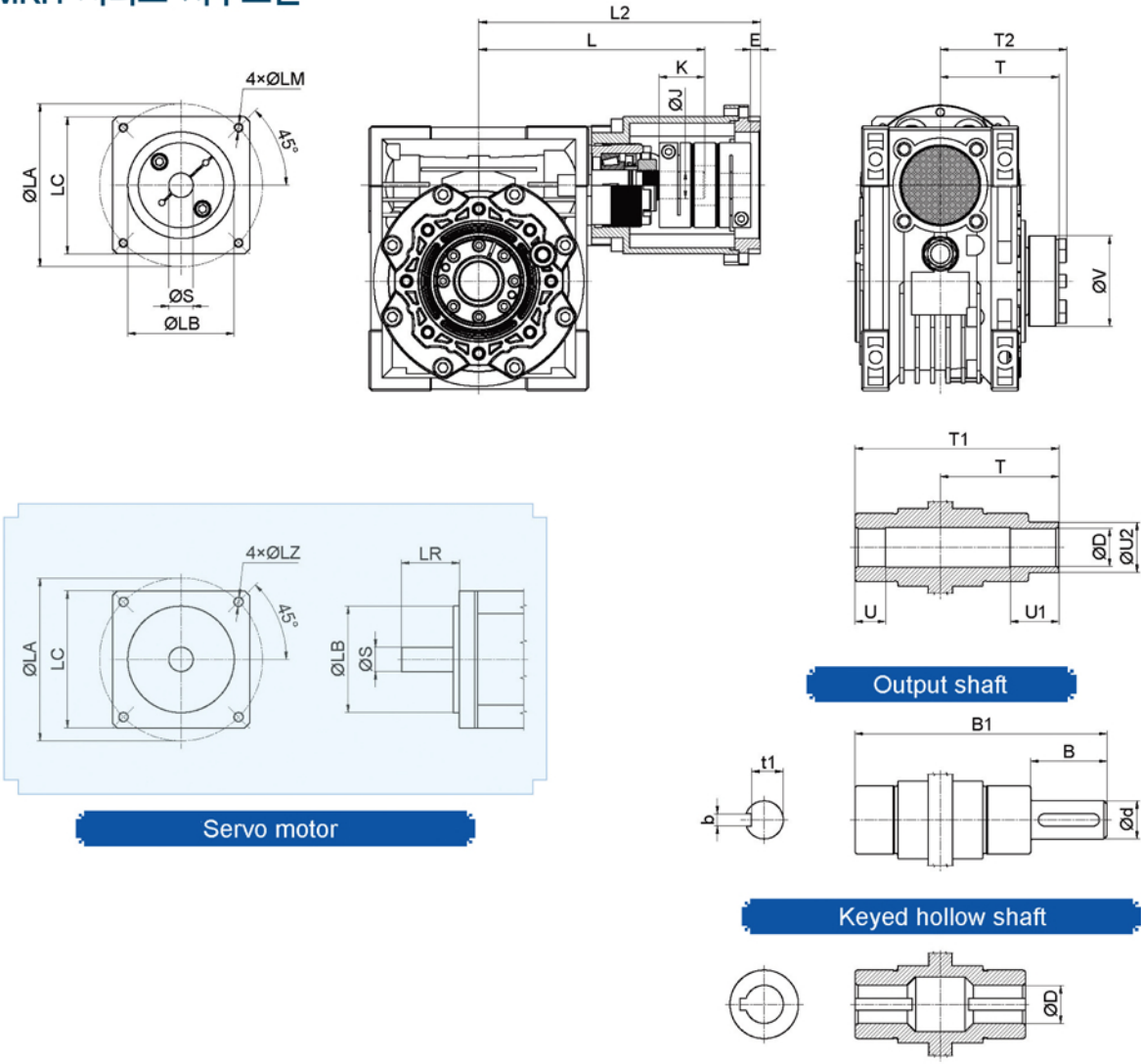
JMRH	I	15	20	25	30	40	50	60	80	100
050	Z <sub>1</sub>	2	2	2	1	1	1	1		
	Y	11° 18'	9° 04'	7° 36'	5° 42'	4° 33'	3° 49'	3° 17'		
	M <sub>X</sub>	2.5	1.9	1.54	2.5	1.9	1.54	1.3		
	$\eta_a$	0.8	0.77	0.74	0.7	0.65	0.61	0.57		
	$\eta_s$	0.58	0.54	0.5	0.44	0.39	0.35	0.32		
063	Z <sub>1</sub>	2	2	2	1	1	1	1		
	Y	12° 50'	10° 29'	8° 44'	6° 30'	5° 17'	4° 23'	3° 47'		
	M <sub>X</sub>	3.25	2.5	2	3.25	2.5	2	1.68		
	$\eta_a$	0.82	0.8	0.77	0.73	0.69	0.65	0.61		
	$\eta_s$	0.59	0.54	0.5	0.45	0.4	0.36	0.33		
075	Z <sub>1</sub>	2	2	2	1	1	1	1	1	
	Y	14° 02'	11° 18'	9° 37'	7° 07'	5° 42'	4° 50'	4° 05'	3° 15'	
	M <sub>X</sub>	4	3	2.45	4	3	2.45	2	1.54	
	$\eta_a$	0.84	0.81	0.79	0.75	0.71	0.68	0.64	0.59	
	$\eta_s$	0.6	0.57	0.52	0.46	0.42	0.38	0.35	0.29	
090	Z <sub>1</sub>	2	2	2	1	1	1	1	1	1
	Y	15° 05'	12° 14'	10° 37'	7° 40'	6° 11'	5° 21'	4° 36'	3° 36'	2° 57'
	M <sub>X</sub>	4.8	3.6	3	4.8	3.6	3	2.5	1.88	1.5
	$\eta_a$	0.85	0.83	0.81	0.77	0.74	0.71	0.68	0.62	0.58
	$\eta_s$	0.63	0.59	0.55	0.49	0.45	0.41	0.38	0.32	0.28

**JMRH 성능 파라미터**

n<sub>1</sub>=1400

JMRH	M <sub>2</sub> [Nm]	i	P <sub>2</sub> [kW]	n <sub>2</sub> [min]	Fr <sub>2</sub> [N]
050	71	7.5	1.6	186.7	1805
	72	10	1.2	140.0	1987
	74	15	0.88	93.3	2274
	73	20	0.68	70.0	2503
	70	25	0.54	56.0	2696
	84	30	0.57	46.7	2865
	76	40	0.42	35.0	3153
	73	50	0.34	28.0	3397
063	68	60	0.28	23.3	3610
	128	7.5	2.8	186.7	2359
	130	10	2.2	140.0	2597
	140	15	1.6	93.3	2973
	135	20	1.2	70.0	3272
	130	25	1.0	56.0	3524
	160	30	1.1	46.7	3745
	145	40	0.76	35.0	4122
075	135	50	0.60	28.0	4440
	130	60	0.51	23.3	4719
	185	7.5	4.1	186.7	2785
	195	10	3.2	140.0	3065
	200	15	2.3	93.3	3509
	210	20	1.9	70.0	3862
	200	25	1.5	56.0	4160
	230	30	1.5	46.7	4421
090	220	40	1.1	35.0	4865
	210	50	0.89	28.0	5241
	200	60	0.75	23.3	5569
	190	80	0.58	17.5	6130
	290	7.5	6.3	186.7	3081
	310	10	5.1	140.0	3391
	360	15	4.1	93.3	3882
	355	20	3.1	70.0	4273
090	340	25	2.4	56.0	4603
	410	30	2.6	46.7	4891
	360	40	1.8	35.0	5383
	340	50	1.4	28.0	5799
	320	60	1.1	23.3	6163
	285	80	0.83	17.5	6783
	270	100	0.67	14.0	7306

**JMRH 시리즈 치수도면**



**Servo motor**

**Output shaft**

**Keyed hollow shaft**

JMRH	050	063	075	090
B	50	50	60	80
B1	145.5	165.5	183.5	224.5
D	25	25	28	35
E	6.5	7.5	7.5	7.5
J	15	18	22	22
K	25	30	35	35
L	130.5	148.5	168.5	185.5
L2	135.5+LR	153.5+LR	173.5+LR	190.5+LR
S	8-19	10-25	12-30	12-30
T	68	78	84	96
T1	114	134	144	166
T2	73	83	90	102
U	20	20	25	30
U1	32	32	37	44
U2	33	33	36	44
V	60	60	70	78
b	8	8	8	10
d	25	25	28	35
t1	21	21	24	30
LA/LB/LC/LR/LM	By servo motor			

