

PERFORMANCE

NMRW($n_1=1400r/min$)

KW	TYPE	i	$n_2(r/min)$	$M_2(N.M)$
0.06KW	NMRW 030	5	280	1.8
	NMRW 030	7.5	186	2.6
	NMRW 030	10	140	3.4
	NMRW 030	15	94	4.8
	NMRW 030	20	70	5.5
	NMRW 030	25	56	7.2
	NMRW 030	30	47	8.2
	NMRW 030	40	35	8.5
	NMRW 030	50	28	11.6
	NMRW 040			12.4
	NMRW 030	60	24	12.8
	NMRW 040			12.6
	NMRW 030	80	18	13.8
	NMRW 040			16.8
NMRW 040	100	14	19.5	
0.09KW	NMRW 030	5	280	2.7
	NMRW 030	7.5	186	4.0
	NMRW 030	10	140	5.1
	NMRW 030	15	94	7.2
	NMRW 030	20	70	8.3
	NMRW 030	25	56	10.7
	NMRW 030	30	47	12.3
	NMRW 030	40	35	12.8
	NMRW 030	50	28	17.4
	NMRW 040			18.6
	NMRW 030	60	24	19.2
	NMRW 040			19.0
	NMRW 040	80	18	25.2
	NMRW 040	100	14	29.3
0.12KW	NMRW 030	5	280	3.6
	NMRW 040			3.5
	NMRW 030	7.5	186	5.3
	NMRW 040			5.3
	NMRW 030	10	140	6.8
	NMRW 040			8.9
	NMRW 030	15	94	9.6
	NMRW 040			9.9
	NMRW 030	20	70	11.0
	NMRW 040			13.0
	NMRW 030	25	56	14.3
	NMRW 040			15.1
	NMRW 030	30	47	16.4
	NMRW 040			16.6
	NMRW 030	40	35	17.0
	NMRW 040			21.9
	NMRW 050	40	35	22.7
	NMRW 030			50
	NMRW 040	50	28	
	NMRW 050			50
	NMRW 040	60	24	
	NMRW 050			60
	NMRW 040	80	18	
	NMRW 050			80
NMRW 040	100	14	39.0	
NMRW 050			100	14
0.18KW	NMRW 030	5		
	NMRW 040		5.4	

KW	TYPE	i	$n_2(r/min)$	$M_2(N.M)$
0.18KW	NMRW 030	7.5	186	7.9
	NMRW 040			7.9
	NMRW 030	10	140	10.2
	NMRW 040			10.3
	NMRW 030	15	94	14.4
	NMRW 040			14.8
	NMRW 030	20	70	16.5
	NMRW 040			19.5
	NMRW 030	25	56	21.5
	NMRW 040			22.7
	NMRW 030	30	47	24.6
	NMRW 040			24.9
	NMRW 040	40	35	32.8
	NMRW 050			34.0
	NMRW 040	50	28	37.1
	NMRW 050			39.0
	NMRW 040	60	24	37.9
	NMRW 050			39.2
NMRW 050	80	18	52.1	
NMRW 050	100	14	59.3	
0.25KW	NMRW 040	5	280	7.6
	NMRW 050			7.6
	NMRW 040	7.5	186	11.0
	NMRW 050			11.2
	NMRW 040	10	140	14.3
	NMRW 050			14.5
	NMRW 040	15	94	20.6
	NMRW 050			20.7
	NMRW 040	20	70	27.0
	NMRW 050			27.5
	NMRW 040	25	56	31.5
	NMRW 050			32.8
	NMRW 040	30	47	34.6
	NMRW 050			36.4
	NMRW 040	40	35	45.6
	NMRW 050			47.3
	NMRW 050	50	28	54.1
	NMRW 050	60	24	54.5
NMRW 050	80	18	72.4	
NMRW 063	100	14	76.7	
NMRW 063			82.8	
0.37KW	NMRW 040	5	280	11.2
	NMRW 050			11.2
	NMRW 040	7.5	186	16.3
	NMRW 050			16.6
	NMRW 040	10	140	21.2
	NMRW 050			21.5
	NMRW 040	15	94	30.5
	NMRW 050			30.6
	NMRW 040	20	70	40.0
	NMRW 050			40.7
	NMRW 040	25	56	46.6
	NMRW 050			48.7
	NMRW 040	30	47	51.2
	NMRW 050			53.8
	NMRW 050	40	35	67.0
	NMRW 063			72.3
	NMRW 050	50	28	80.1
	NMRW 063			83.3
NMRW 050	60	24	80.6	

n_1 : input speed of reducer;
 n_2 : output speed of reducer.

PERFORMANCE

NMRW($n_1=1400r/min$)

KW	TYPE	i	$n_2(r/min)$	$M_2(N.M)$
3.0KW	NMRW 110	25	56	435.3
	NMRW 090	30	47	494.1
	NMRW 110			483.3
	NMRW 110	40	35	635.1
	NMRW 130			637.6
	NMRW 110	50	28	785.8
	NMRW 130			775.5
NMRW 130	60	24	894.0	
4.0KW	NMRW 075	7.5	186	186.8
	NMRW 090			185.3
	NMRW 110			185.0
	NMRW 130			187.1
	NMRW 090	10	140	245.1
	NMRW 110			243.1
	NMRW 130			243.1
	NMRW 090	15	94	357.7
	NMRW 110			350.3
	NMRW 130			354.3
	NMRW 090	20	70	463.5
	NMRW 110			462.7
	NMRW 130			469.3
	NMRW 110	25	56	580.4
	NMRW 130			576.4

KW	TYPE	i	$n_2(r/min)$	$M_2(N.M)$
4.0KW	NMRW 110	30	47	644.5
	NMRW 130			652.6
	NMRW 130	40	35	850.1
	NMRW 130	50	28	1034.0
	NMRW 130	60	24	1192.0
5.5KW	NMRW 110	7.5	186	254.4
	NMRW 130			257.2
	NMRW 110	10	140	334.3
	NMRW 130			334.3
	NMRW 110	15	94	481.6
	NMRW 130			487.2
	NMRW 110	20	70	636.2
	NMRW 130			645.2
	NMRW 130	25	56	792.5
	NMRW 130	30	47	897.3
NMRW 130	40	35	1168.9	
7.5KW	NMRW 110	7.5	186	346.9
	NMRW 130			350.8
	NMRW 110	10	140	455.8
	NMRW 130			455.8
	NMRW 130	15	94	664.8
	NMRW 130	20	70	879.9
	NMRW 130	25	56	1080.7

PERFORMANCE

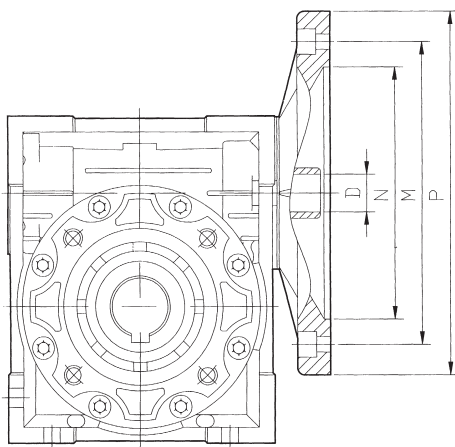
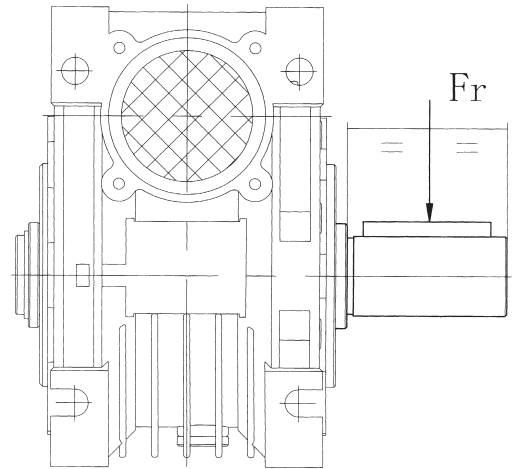
NMRW($n_1=1400r/min$)

KW	TYPE	i	$n_2(r/min)$	$M_2(N.M)$	
0.37KW	NMRW 063	60	24	86.5	
	NMRW 063	80	18	113.5	
	NMRW 063	100	14	122.6	
0.55KW	NMRW 040	5	280	16.6	
	NMRW 050			16.7	
	NMRW 040			24.3	
	NMRW 050	7.5	186	24.6	
	NMRW 040			31.5	
	NMRW 050	10	140	32.0	
	NMRW 040			45.3	
	NMRW 050			45.5	
	NMRW 063	15	94	46.7	
	NMRW 050			60.5	
	NMRW 063			61.6	
	NMRW 050	20	70	72.3	
	NMRW 063			73.2	
	NMRW 050	25	56	80.0	
	NMRW 063			83.3	
	NMRW 050	30	47	104.0	
	NMRW 063			107.5	
	NMRW 075			115.7	
	NMRW 063	50	28	123.9	
	NMRW 075			144.3	
	NMRW 063	60	24	128.6	
	NMRW 075			156.5	
	NMRW 075	80	18	215.8	
	NMRW 075	100	14	235.0	
0.75KW	NMRW 050	5	280	22.7	
	NMRW 050	7.5	186	33.6	
	NMRW 063			33.8	
	NMRW 050	10	140	43.6	
	NMRW 063			44.5	
	NMRW 050	15	94	62.0	
	NMRW 063			63.7	
	NMRW 050	20	70	82.4	
	NMRW 063			84.0	
	NMRW 063	25	56	99.8	
	NMRW 063			113.6	
	NMRW 075	30	47	124.4	
	NMRW 063			146.6	
	NMRW 075	40	35	157.8	
	NMRW 075			196.8	
	NMRW 075	50	28	186.1	
	NMRW 090			213.4	
	NMRW 075	60	24	211.9	
	NMRW 090			261.1	
	NMRW 090	80	18	292.7	
	NMRW 090	100	14	292.7	
	1.1KW	NMRW 063	7.5	186	49.6
		NMRW 075			51.4
		NMRW 063	10	140	65.3
NMRW 075		67.8			
NMRW 063		15	94	93.5	
NMRW 075				98.6	
NMRW 063		20	70	123.2	
NMRW 075				127.7	
NMRW 063		25	56	146.4	
NMRW 075				159.2	
NMRW 063		30	47	166.7	
NMRW 075				182.5	
NMRW 075		40	35	213.4	

KW	TYPE	i	$n_2(r/min)$	$M_2(N.M)$	
1.1KW	NMRW 090	40	35	229.7	
	NMRW 090	50	28	272.9	
	NMRW 090	60	24	310.8	
	NMRW 110			319.1	
	NMRW 110	80	18	403.8	
	NMRW 110	100	14	471.2	
1.5KW	NMRW 063	7.5	186	67.6	
	NMRW 075			70.1	
	NMRW 063	10	140	89.1	
	NMRW 075			92.5	
	NMRW 063	15	94	127.5	
	NMRW 075			134.5	
	NMRW 063	20	70	167.9	
	NMRW 075			174.1	
	NMRW 075	25	56	217.1	
	NMRW 090			211.0	
	NMRW 075	30	47	248.9	
	NMRW 090			247.1	
NMRW 090	40	35	313.3		
NMRW 090	50	28	372.1		
NMRW 110	50	28	392.9		
NMRW 090	60	24	423.8		
NMRW 110			435.1		
NMRW 110	80	18	550.7		
NMRW 130			534.0		
NMRW 130	100	14	672.2		
2.2KW	NMRW 075	7.5	186	102.8	
	NMRW 090			101.9	
	NMRW 110			101.8	
	NMRW 075	10	140	135.7	
	NMRW 090			134.8	
	NMRW 110			133.7	
	NMRW 075	15	94	197.3	
	NMRW 090			196.7	
	NMRW 110	20	70	192.7	
	NMRW 090			254.9	
	NMRW 110	25	56	254.5	
	NMRW 090			309.5	
	NMRW 110	30	47	319.2	
	NMRW 090			362.4	
	NMRW 110	40	35	354.5	
	NMRW 110			465.8	
	NMRW 110	50	28	576.2	
	NMRW 130			568.7	
	NMRW 110	60	24	638.1	
	NMRW 130			655.6	
	NMRW 130	80	18	783.1	
	NMRW 130	100	14	985.9	
	3.0KW	NMRW 075	7.5	186	140.1
		NMRW 090			139.0
NMRW 110		138.8			
NMRW 075		10	140	185.0	
NMRW 090				183.8	
NMRW 110		20	70	182.3	
NMRW 075				269.0	
NMRW 090		15	94	268.2	
NMRW 110				262.7	
NMRW 090		20	70	347.7	
NMRW 110				347.0	
NMRW 090		25	56	422.0	

Load of Output Shaft - Fr (N)

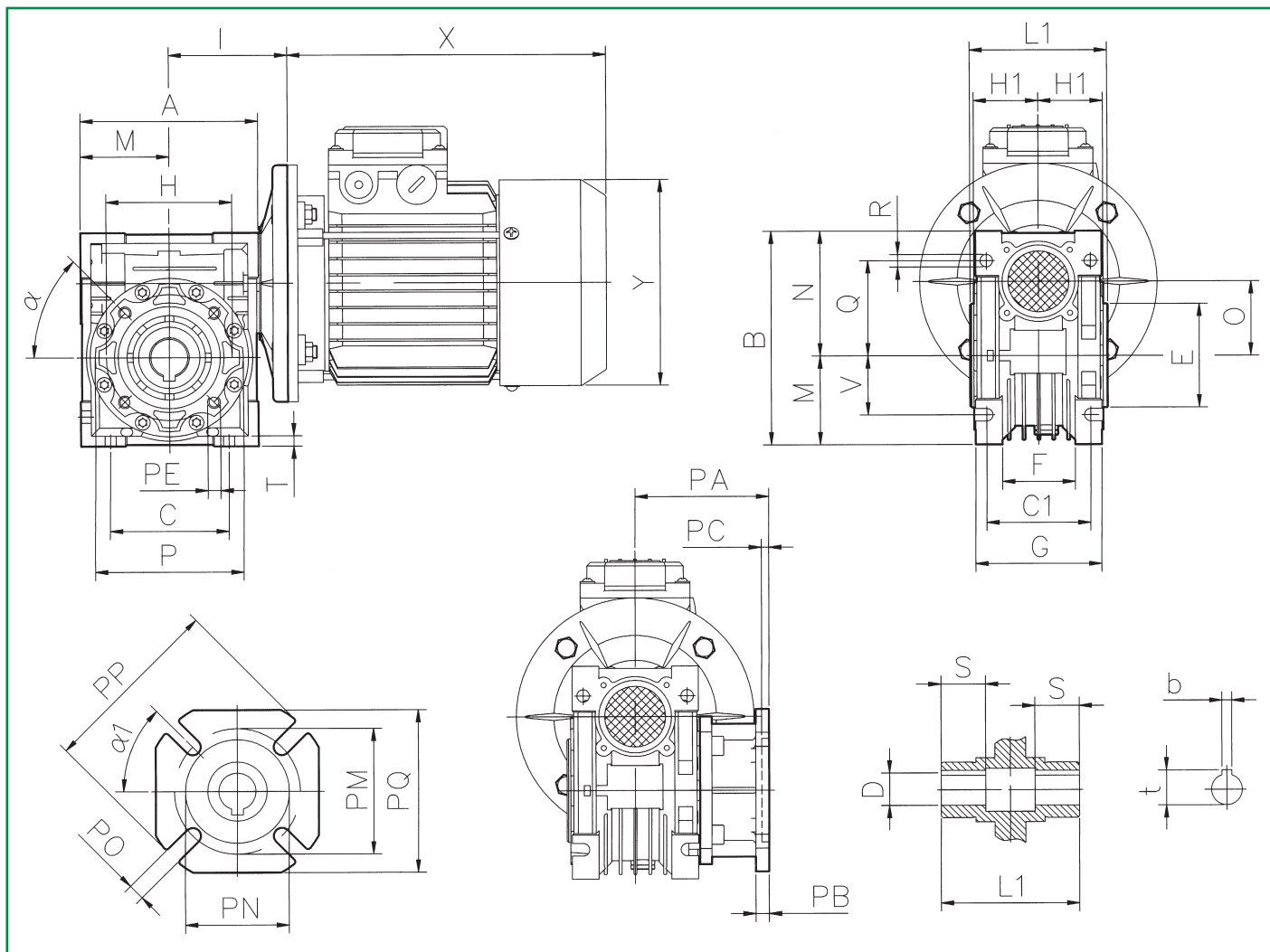
i	n ₂	RW030	RW040	RW050	RW063	RW075	RW090	RW110	RW130
5	280	599	1149	1586	2062	2428	2687	3389	4433
7.5	186	691	1325	1829	2378	2799	3098	3908	5112
10	140	758	1454	2007	2609	3072	3400	4288	5610
15	94	868	1665	2298	2988	3518	3893	4910	6424
20	70	954	1829	2525	3283	3865	4277	5395	7057
25	56	1033	1981	2735	3556	4187	4633	5844	7645
30	47	1088	2087	2881	3745	4410	4880	6155	8052
40	35	1204	2309	3188	4145	4880	5401	6812	8912
50	28	1296	2485	3431	4461	5252	5812	7331	9590
60	24	1381	2649	3658	4756	5599	6196	7815	10224
80	18	1516	2907	4014	5218	6144	6799	8576	11219
100	14	1638	3142	4338	5639	6639	7348	9268	12124



	PAME IEC	N		M		P		5	7.5	10	15	20	25	30	40	50	60	80	100	
		B5	B14	B5	B14	B5	B14	D												
NMRW 030	56B5/B14	80	50	100	65	120	80	9	9	9	9	9	9	9	9	9	9	9	9	-
	63B5/B14	95	60	115	75	140	90	11	11	11	11	11	11	11	11	11	11	11	11	-
NMRW 040	56B5	80	-	100	-	120	-	-	-	-	-	-	-	-	-	9	9	9	9	9
	63B5/B14	95	60	115	75	140	90	11	11	11	11	11	11	11	11	11	11	11	11	11
	71B5/B14	110	70	130	85	160	105	14	14	14	14	14	14	14	14	14	14	14	14	14
NMRW 050	80B5/B14	130	80	165	100	200	120	19	19	19	19	19	19	19	19	19	19	19	19	19
	63B5	95	-	115	-	140	-	-	-	-	-	-	-	-	-	11	11	11	11	11
	71B5/B14	110	70	130	85	160	105	14	14	14	14	14	14	14	14	14	14	14	14	14
NMRW 063	80B5/B14	130	80	165	100	200	120	-	19	19	19	19	19	19	19	19	19	19	19	19
	90B5/B14	130	95	165	115	200	140	-	24	24	24	24	24	24	24	-	-	-	-	-
	80B5/B14	130	80	165	100	200	120	-	-	-	-	-	-	-	-	19	19	19	19	19
NMRW 075	90B5/B14	130	95	165	115	200	140	-	24	24	24	24	24	24	24	24	-	-	-	-
	100B5/B14	180	110	215	130	250	160	-	28	28	28	28	28	28	28	28	28	28	28	28
	112B5/B14	180	110	215	130	250	160	-	28	28	28	28	28	28	28	28	28	28	28	28
NMRW 090	80B5/B14	130	80	165	100	200	120	-	-	-	-	-	-	-	-	19	19	19	19	19
	90B5/B14	130	95	165	115	200	140	-	-	-	-	-	24	24	24	24	24	24	24	24
	100B5/B14	180	110	215	130	250	160	-	28	28	28	28	28	28	28	28	28	28	28	28
NMRW 110	112B5/B14	180	110	215	130	250	160	-	28	28	28	28	28	28	28	28	28	28	28	28
	90B5	130	-	165	-	200	-	-	-	-	-	-	-	-	-	24	24	24	24	24
	100B5	180	-	215	-	250	-	-	28	28	28	28	28	28	28	28	28	28	28	28
NMRW 130	132B5	230	-	265	-	300	-	-	38	38	38	38	38	38	38	38	38	38	38	38
	90B5	130	-	165	-	200	-	-	-	-	-	-	-	-	-	-	-	-	-	24
	100B5	180	-	215	-	250	-	-	-	-	-	-	-	-	28	28	28	28	28	28

DIMENSIONS

NMRW

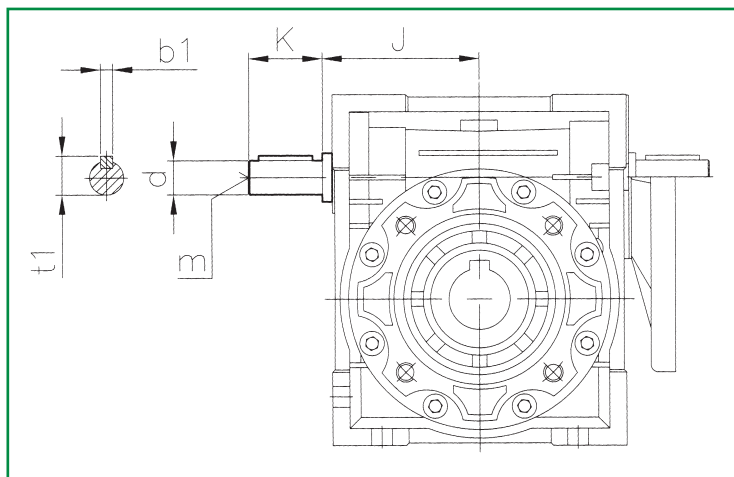


NMRW	A	B	C	C1	D(H7)	E(h8)	F	G	H	H1	I	L1	M	N	O	P	Q	R
030	80	97	54	44	14	55	32	56	65	29	55	63	40	57	30	75	44	6.5
040	100	121.5	70	60	18(19)	60	43	71	75	36.5	70	78	50	71.5	40	87	55	6.5
050	120	144	80	70	25(24)	70	49	85	85	43.5	80	92	60	84	50	100	64	8.5
063	144	174	100	85	25(28)	80	67	103	95	53	95	112	72	102	63	110	80	8.5
075	172	205	120	90	28(35)	95	72	112	115	57	112.5	120	86	119	75	140	93	11
090	206	238	140	100	35(38)	110	74	130	130	67	129.5	140	103	135	90	160	102	13
110	252.5	295	170	115	42	130	-	144	165	74	160	155	127.5	167.5	110	200	125	14
130	292.5	335	200	120	45	180	-	155	215	81	180	170	147.5	187.5	130	250	140	16

NMRW	S	T	V	PA	PB	PC	PE	PM	PN(H8)	PQ	b	t		1	Kg.
030	21	5.5	27	54.5	6	4	M6°; 11(n=4)	68	50	6.5(n=4)	80	70	5	16.3	0°, 45°, 1.2
040	26	6.5	35	67	7	4	M6°; 8(n=4)	75	60	9(n=4)	110	95	6	20.8(21.8)	45°, 45°, 2.3
050	30	7	40	90	9	5	M8°; 10(n=4)	85	70	11(n=4)	125	110	8	28.3(27.3)	45°, 45°, 3.5
063	36	8	50	82	10	6	M8°; 14(n=8)	150	115	11(n=4)	180	142	8	28.3(31.3)	45°, 45°, 6.2
075	40	10	60	111	13	6	M8°; 14(n=8)	165	130	14(n=4)	200	170	8	31.3(38.3)	45°, 45°, 9
090	45	11	70	111	13	6	M10°; 18(n=8)	175	152	14(n=4)	210	200	10	38.3(41.3)	45°, 45°, 13
110	50	14	85	131	15	6	M10°; 18(n=8)	230	170	14(n=8)	280	260	12	45.3	45°, 45°, 35
130	60	15	100	140	15	6	M12°; 21(n=8)	255	180	16(n=6)	320	290	14	48.8	45°, 22.5°, 48

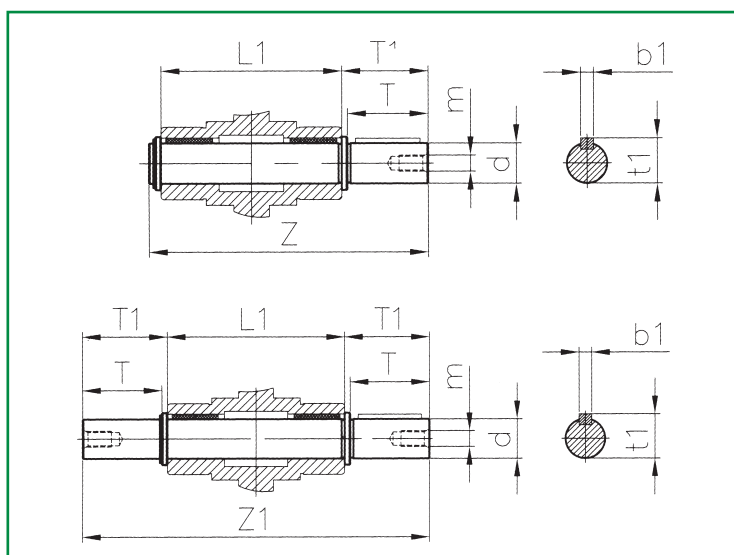
DIMENSIONS

Extension worm Shaft (E)



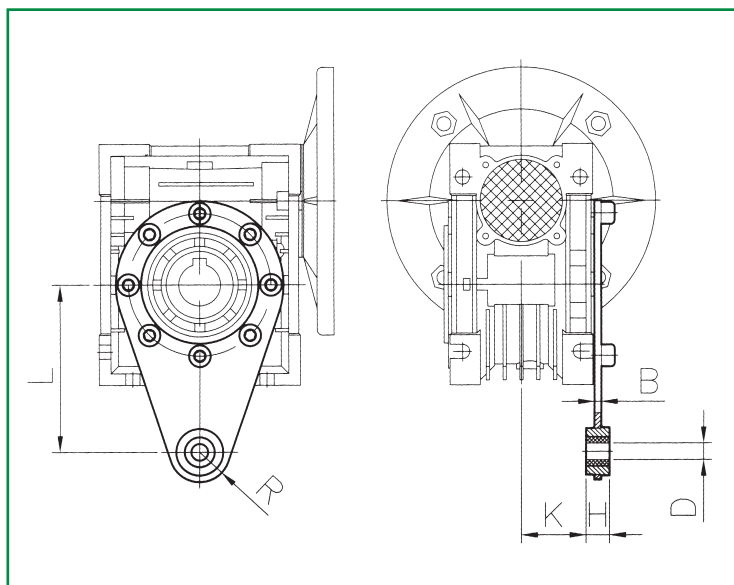
	J	d(j6)	K	m	b1	t1
030	45	9	20	–	3	10.2
040	53	11	23	–	4	12.5
050	64	14	30	M6	5	16
063	75	19	40	M6	6	21.5
075	90	24	50	M8	8	27
090	108	24	50	M8	8	27
110	135	28	60	M10	8	31
130	155	30	80	M10	8	33

Extension Worm Wheel (DZ,SZ)



	d(h6)	T	T1	L1	Z	Z1	m	b1	t1
030	14	30	32.5	63	102	128	M6	5	16
040	18	40	43	78	128	164	M6	6	20.5
050	25	50	53.5	92	153	199	M10	8	28
063	25	50	53.5	112	173	219	M10	8	28
075	28	60	63.5	120	192	247	M10	8	31
090	35	80	84.5	140	234	309	M12	10	38
110	42	80	84.5	155	249	324	M16	12	45
130	45	80	85	170	265	340	M16	14	48.5

Torque Arm (A)



	L	H	K	D	R	B
030	85	14	24	8	15	4
040	100	14	31.5	10	18	4
050	100	14	38.5	10	18	4
063	150	14	49	10	18	6
075	200	25	47.5	20	30	6
090	200	25	57.5	20	30	6
110	250	30	62	25	35	6
130	250	30	69	25	35	6