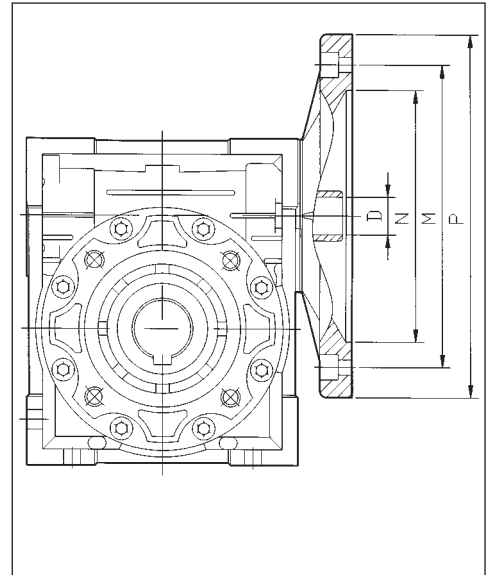


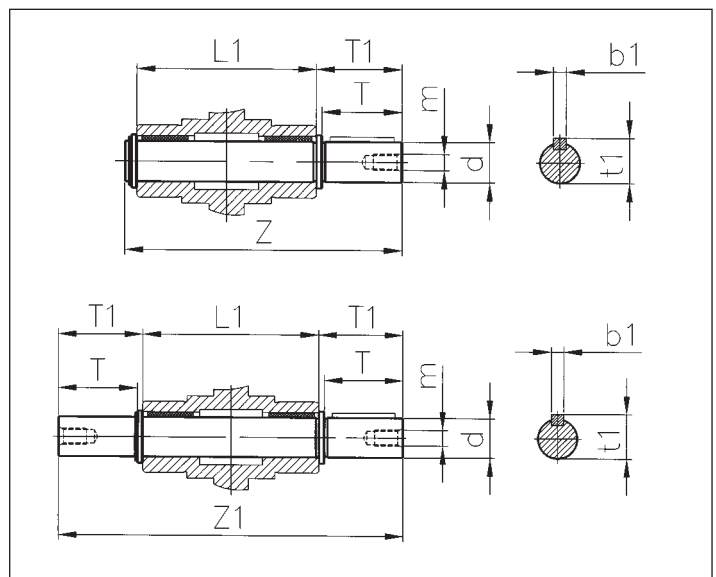
**Motor Connection for Worm Reduction Unit**

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



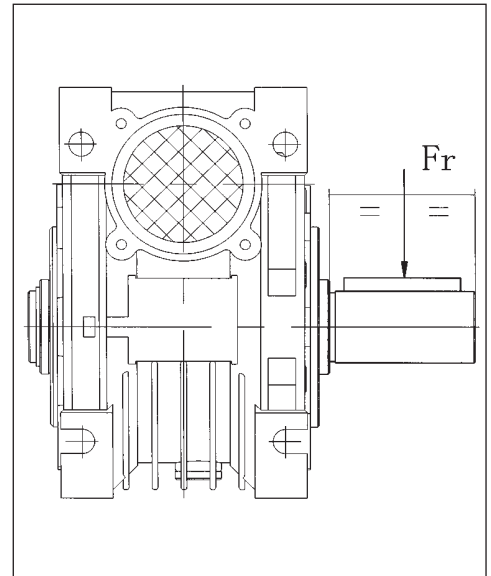
**Output Shaft Dimensions (SS, DS) Metric**

	d(h6)	T	TI	LI	Z	ZI	m	bl	tl
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	12	173	219	M10	8	28
075	28	60	63.5	20	192	247	M10	8	31
090	35	80	84.5	40	234	309	M12	10	38
110	42	80	84.5	55	249	324	M16	12	45
130	45	80	85	70	265	340	M16	14	48.5



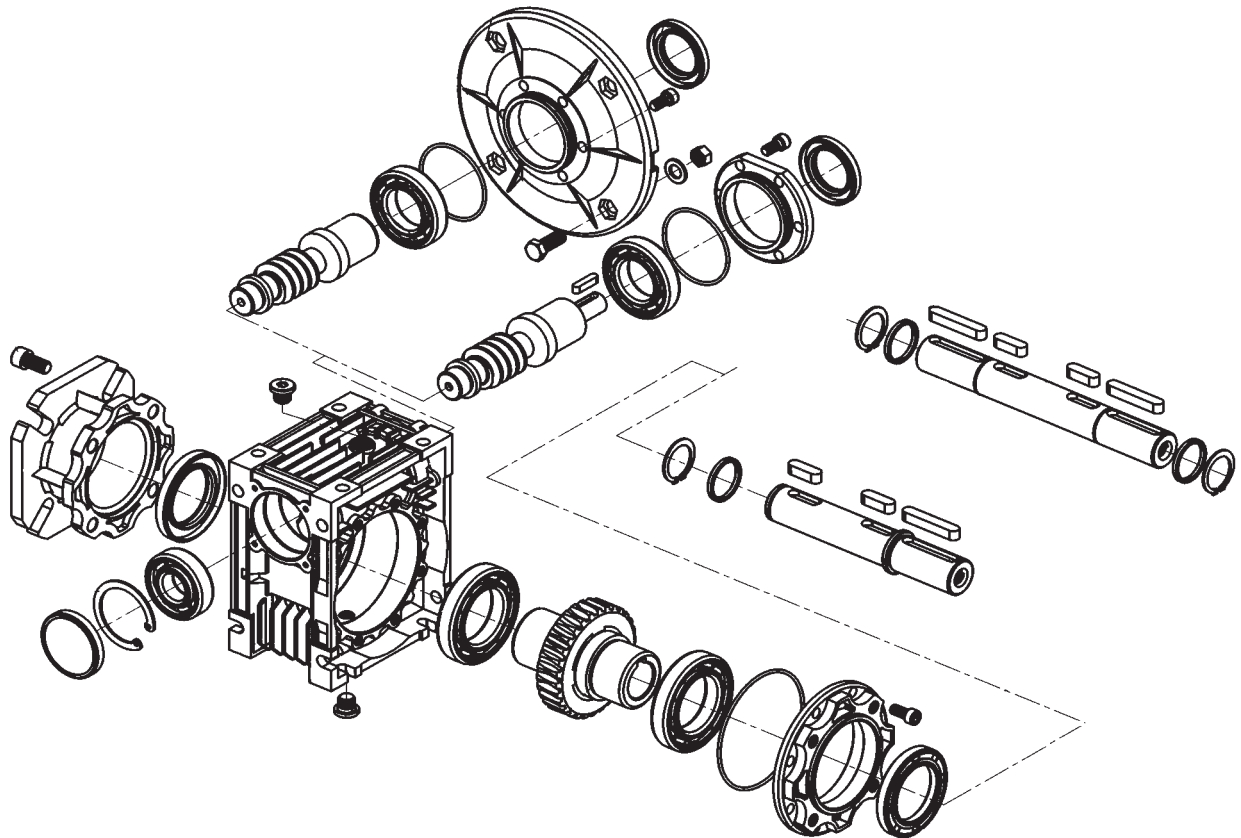
**Allowed Radial Loading Power on Output Shaft of Reducer (N)**

i	n <sub>2</sub>	RVO30	RVO40	RVO50	RV063	RVO75	RVO90	RV110	RV130
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



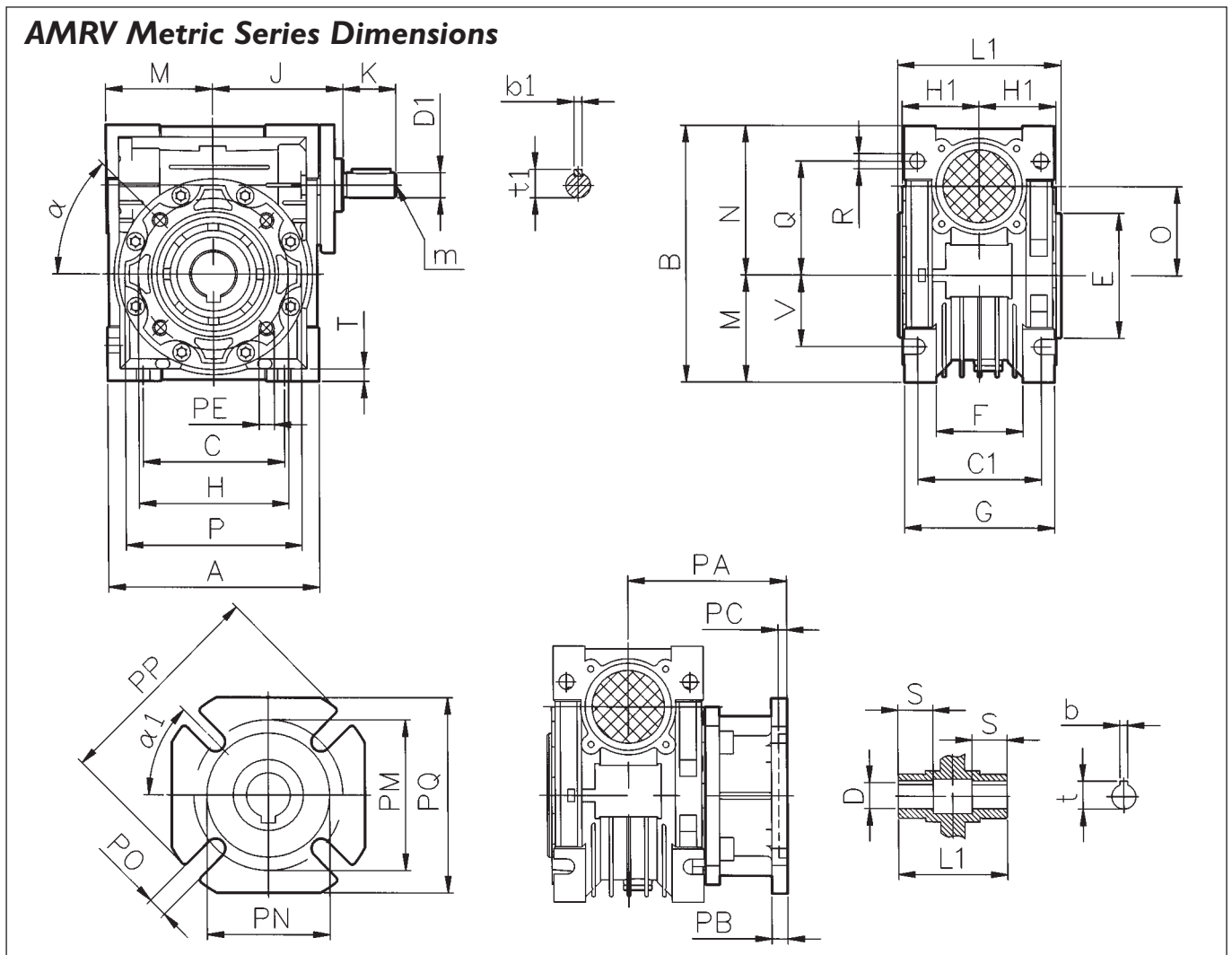
- The information in the table above shows the allowed loading force on the midpoint of output shaft.
- When the reducer is with double output shafts, the resultant radial force at the edge of the shaft should not exceed the values specified in the table above.
- The maximum axial thrust allowed is 1/5 of radial force while the radial force and axial force are effected together.

**Exploded view**



# AMRV: Worm Reduction Unit Dimensions

## AMRV Metric Series Dimensions



AMR V	A	B	C	CI	D(H7)	DI(j6)	E(h8)	F	G	H	HI	J	K	LI	M	N	O	P	Q	R
030	80	97	54	44	14	9	55	32	56	65	29	51	20	63	40	57	30	75	44	6.5
040	100	121.5	70	60	18(19)	11	60	43	71	75	36.5	60	23	78	50	71.5	40	87	55	6.5
050	120	144	80	70	25(24)	14	70	49	85	85	43.5	74	30	92	60	84	50	100	64	8.5
063	144	174	100	85	25(28)	19	80	67	103	95	53	90	40	112	72	102	63	110	80	8.5
075	172	205	120	90	28(35)	24	95	72	112	115	57	105	50	120	86	119	75	140	93	11
090	206	238	140	100	35(38)	24	110	74	130	130	67	125	50	140	103	135	90	160	102	13
110	252.5	295	170	115	42	28	130	-	144	165	74	142	60	155	127.5	167.5	110	200	125	14
130	292.5	335	200	120	45	30	180	-	155	215	81	162	80	170	147.5	187.5	130	250	140	16

AMR V	S	T	V	PA	PB	PC	PE	PM	PN(H8)	PO	PP	PQ	b	bl	t	tl	m	a	al	Kg
030	21	5.5	27	54.5	6	4	M6x11(n=4)	68	50	6.5(n=4)	80	70	5	3	16.3	10.2	-	0°	45°	1.2
040	26	6.5	35	67	7	4	M6x8(n=4)	75	60	9(n=4)	110	95	6	4	20.8(21.8)	12.5	-	45°	45°	2.3
050	30	7	40	90	9	5	M8x10(n=4)	85	70	11(n=4)	125	110	8	5	28.3(27.3)	16.0	M6	45°	45°	3.5
063	36	8	50	82	10	6	M8x14(n=8)	150	115	11(n=4)	180	142	8	6	28.3(31.3)	21.5	M6	45°	45°	6.2
075	40	10	60	111	13	6	M8x14(n=8)	165	130	14(n=4)	200	170	8	8	31.3(38.3)	27.0	M8	45°	45°	9
090	45	11	70	111	13	6	M10x18(n=8)	175	152	14(n=4)	210	200	10	8	38.3(41.3)	27.0	M8	45°	45°	13
110	50	14	85	131	15	6	M10x18(n=8)	230	170	14(n=8)	280	260	12	8	45.3	31.0	M10	45°	45°	35
130	60	15	100	140	15	6	M12x21(n=8)	255	180	16(n=6)	320	290	14	8	48.8	33.0	M10	45°	22.5°	48