



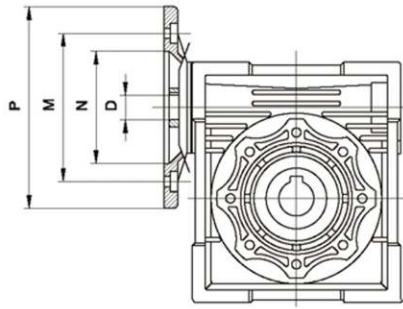
Alliance



**URV/RV SERIES
WORM-GEAR
SPEED REDUCERS**



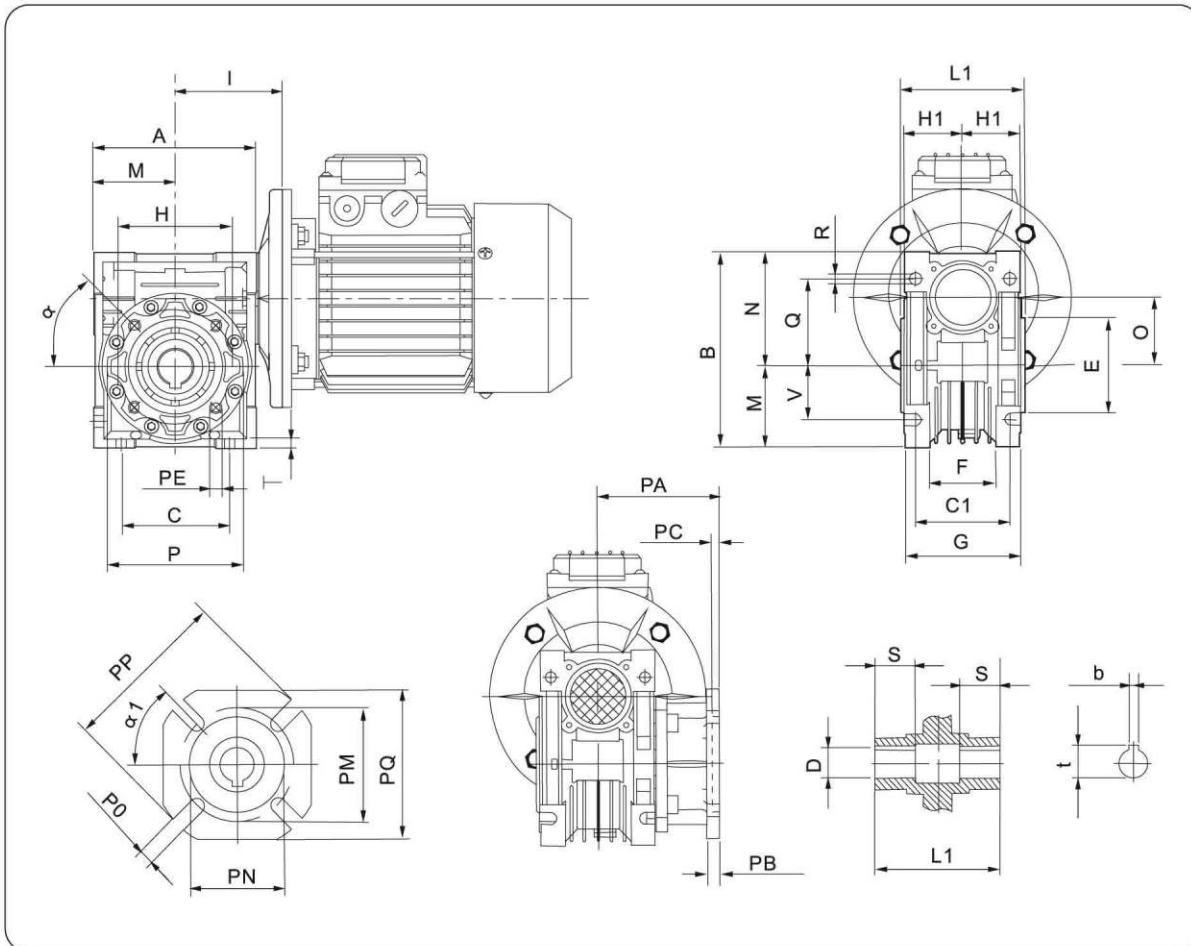
■ The Configuration Combine URV/RV Spec With Motors Coupling Flange And Ratio



*If you want special key, please call our technical service

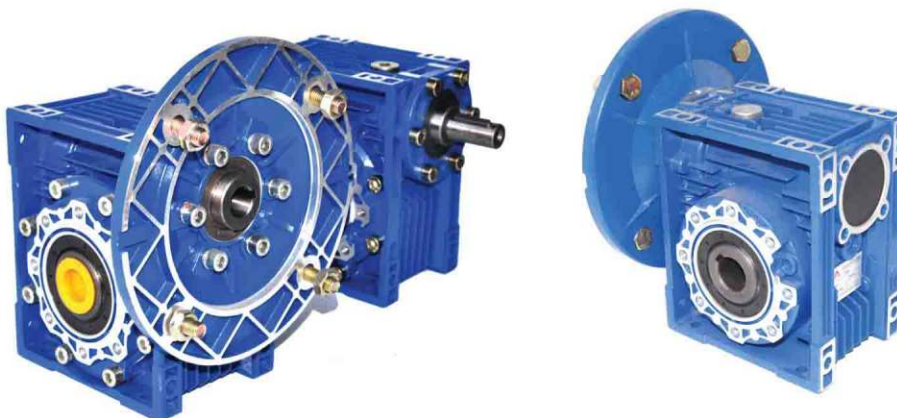
	Motor flange				The hole diameter of input shaft										
	PAM IEC	P	M	N	Transmission ratio										
					7.5	10	15	20	25	30	40	50	60	80	100
URV/RV-25	56B14	80	65	50	9	9	9	9	9	9	9	9	9		
	63B5	140	115	95											
URV/RV-30	63B14	90	75	60	11	11	11	11	11	11	11	11			
	56B5	120	100	80	9	9	9	9	9	9	9	9	9	9	
URV/RV-40	56B14	80	65	50											
	71B5	160	130	110											
	71B14	105	85	70	14	14	14	14	14	14	14				
	63B5	140	115	95	11	11	11	11	11	11	11	11	11	11	11
	63B14	90	75	60											
	56B5	120	100	80									9	9	9
URV/RV-50	80B5	200	165	130	19	19	19	19	19	19					
	80B14	120	100	80											
	71B5	160	130	110	14	14	14	14	14	14	14	14	14	14	
	71B14	105	85	70											
	63B5	140	115	95									11	11	11
URV/RV-63	90B5	200	165	130	24	24	24	24	24	24	24				
	90B14	140	115	95											
	80B5	200	165	130	19	19	19	19	19	19	19	19	19	19	
	80B14	120	100	80											
	71B5	160	130	110								14	14	14	14
	71B14	105	85	70											
URV/RV-75	110/112B5	250	215	180	28	28	28								
	110/112B14	160	130	110											
	90B5	200	165	130	24	24	24	24	24	24	24				
	90B14	140	115	95											
	80B5	200	165	130				19	19	19	19	19	19	19	19
	80B14	120	100	80											
URV/RV-90	100/112B5	250	215	180	28	28	28	28	28	28					
	110/112B14	160	130	110											
	90B5	200	165	130	24	24	24	24	24	24	24	24	24		
	90B14	140	115	95											
	80B5	200	165	130								19	19	19	19
	80B14	120	100	80											
URV/RV-110	132B5	300	265	230	38*	38*	38*	38*							
	110/112B5	250	215	180	28	28	28	28	28	28	28	28	28		
	90B5	200	165	130					24	24	24	24	24	24	24
	80B5	200	165	130										19	19
	132B5	300	265	230	38*	38*	38*	38*	38*	38*	38*				
URV/RV-130	100/112B5	250	215	180					28	28	28	28	28	28	28
	90B5	200	165	130										24	24

URV/RV DIMENSION

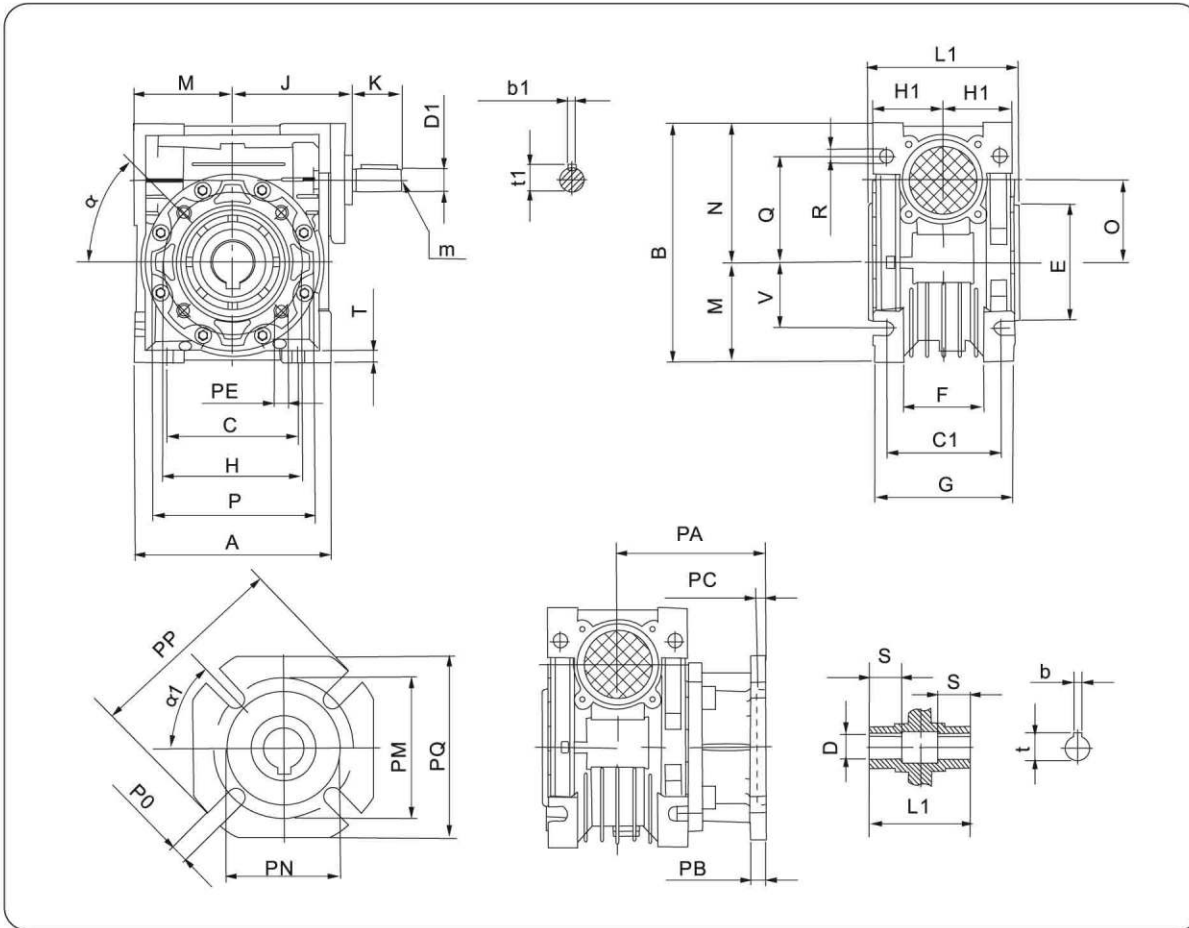


URV / RV	A	B	C	C1	D(h7)	E(h8)	F	G	H	H1	I	L1	M	N	O	P	Q	R
030	80	97	54	44	14	55	32	56	65	29	55	63	40	57	30	75	44	6.5
040	100	121.5	70	60	18(19)	60	43	71	75	36.5	70	78	50	71.5	40	87	55	6.5
050	120	144	80	70	25(24)	70	49	85	85	43.5	80	92	60	84	50	100	64	8.5
063	144	174	100	85	25(28)	80	67	103	95	53	95	112	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

URV / RV	S	T	V	PA	PB	PC	PE	PM	PN(H8)	PO	PP	PQ	b	t	alpha	alpha1	Kg
030	21	5.5	27	54.5	6	4	M6x11(n=4)	68	50	6.5(n=4)	80	70	5	16.3	0°	45°	1.2
040	26	6.5	35	67(97)	7	4	M6x8(n=4)	75	60	9(n=4)	110	95	6	20.8(21.8)	45°	45°	2.3
050	30	7	40	90(120)	9	5	M8x10(n=4)	85	70	11(n=4)	125	110	8	28.3(27.3)	45°	45°	3.5
063	36	8	50	82(112)	10	6	M8x14(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	M8x14(n=8)	165	130	14(n=4)	200	170	8	31.3(38.3)	45°	45°	9
090	45	11	70	111	13	6	M10x18(n=8)	175	152	14(n=4)	210	200	10	38.3(41.3)	45°	45°	13
110	50	14	85	131	15	6	M10x18(n=8)	230	170	14(n=8)	280	260	12	45.3	45°	45°	35
130	60	15	100	140	15	6	M12x21(n=8)	255	180	16(n=8)	320	290	14	48.8	45°	22.5°	48



URVL/RVL DIMENSION

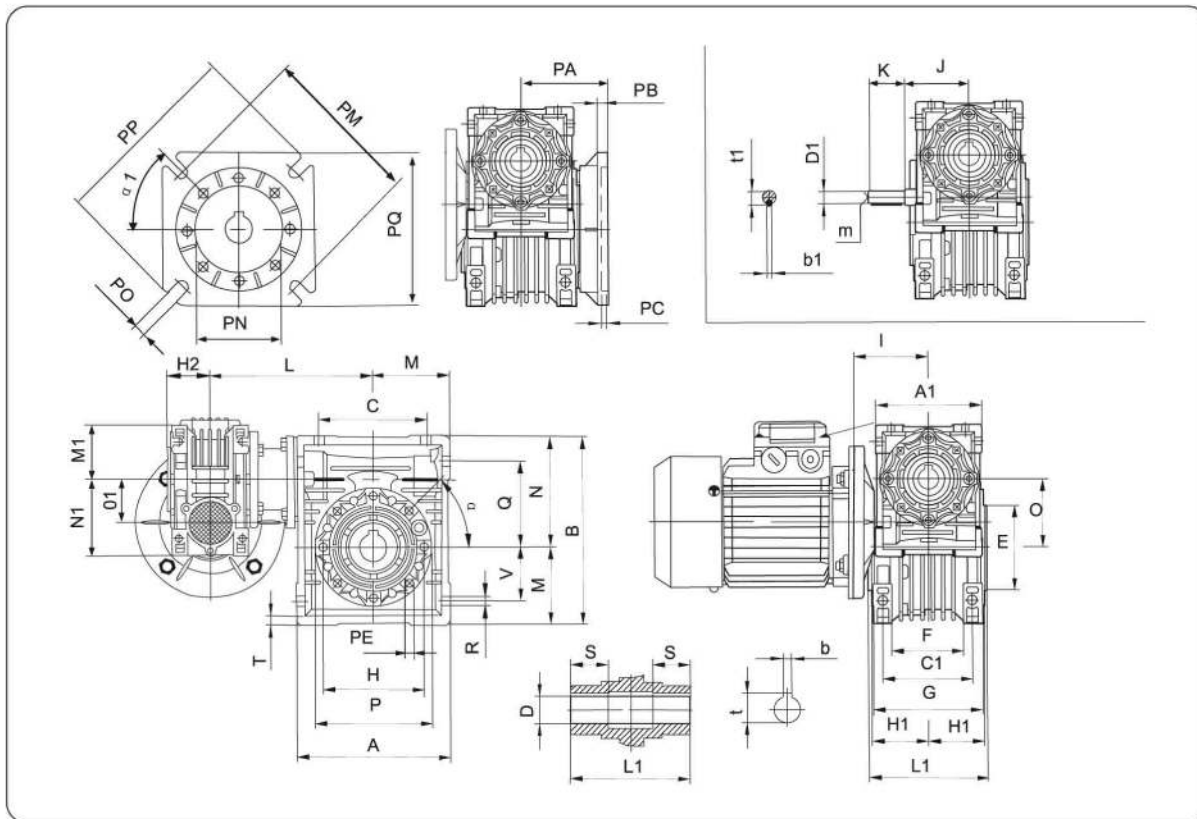


URVL/RVL	A	B	C	C1	D(H7)	D1(j6)	E(h8)	F	G	H	H1	J	K	L1	M	N	O	P	Q	R
030	80	97	54	44	14	9	55	32	56	65	29	51	20	63	40	57	30	75	44	6.5
040	100	121.5	70	60	18(19)	11	60	43	71	75	36.5	60	23	78	50	71.5	40	87	55	6.5
050	120	144	80	70	25(24)	14	70	49	85	85	43.5	74	30	92	60	84	50	100	64	8.5
063	144	174	100	85	25(28)	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

URVL/RVL	S	T	V	PA	PB	PC	PE	PM	PN(H8)	PO	PP	PQ	b	b1	t	t1	m	α	$\alpha 1$	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(97)	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(120)	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(112)	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=8)	320	290	14	8	48.8	33.0	M10	45°	22.5°	48



URVE/RVE DIMENSION

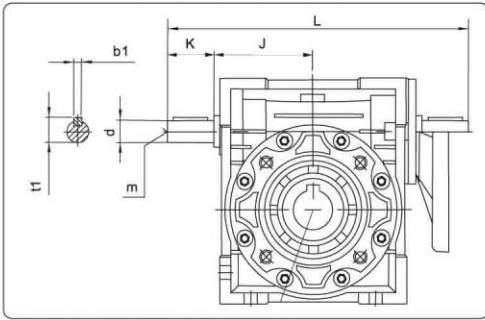


URVE/RVE	A	A1	B	C	C1	D(H7)	D1(j6)	E(h8)	F	G	H	H1	H2	I	J	K	L	L1	M	M1	N	N1	O	O1	P
030/040	100	80	121.5	70	60	18(19)	9	60	43	71	75	36.5	29	55	51	20	120	78	50	40	71.5	57	40	30	87
030/050	120	80	144	80	70	25(24)	9	70	49	85	85	43.5	29	55	51	20	130	92	60	40	84	57	50	30	100
030/063	144	80	174	100	85	25(28)	9	80	67	103	95	53	29	55	51	20	145	112	72	40	102	57	63	30	110
040/075	172	100	205	120	90	28(35)	11	95	72	112	115	57	36.5	70	60	23	165	120	86	50	119	71.5	75	40	140
040/090	206	100	238	140	100	35(38)	11	110	74	130	130	67	36.5	70	60	23	182	140	103	50	135	71.5	90	40	160
050/110	252.5	120	295	170	115	42	14	130	-	144	165	74	43.5	80	74	30	225	155	127.5	60	167.5	84	110	50	200
063/130	292.5	144	335	200	120	45	19	180	-	155	215	81	53	95	90	40	245	170	147.5	72	187.5	102	130	63	250

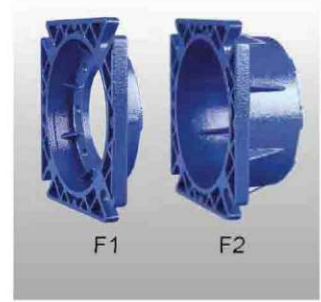
URVE/RVE	Q	R	S	T	V	PA	PB	PC	PE	PM	PN(n8)	PO	PP	PQ	alpha	alpha 1	b	b1	t	tt	m	Kg
030/040	55	6.5	26	6.5	35	67(97)	7	4	M6x8(n=4)	75	60	9(n=4)	110	110	45°	45°	6(6)	3	20.8(21.8)	10.2	-	3.9
030/050	64	8.5	30	7	40	90(120)	9	5	M8x10(n=4)	85	70	11(n=4)	125	110	45°	45°	8(8)	3	28.3(27.3)	10.2	-	5.0
030/063	80	8.5	36	8	50	82(112)	10	6	M8x14(n=8)	150	115	11(n=4)	180	142	45°	45°	8(8)	3	28.3(31.3)	10.2	-	7.8
040/075	93	11	40	10	60	111	13	6	M8x14(n=8)	165	130	14(n=4)	200	170	45°	45°	8(8)	4	31.3(38.3)	12.5	-	12.0
040/090	102	13	45	11	70	111	13	6	M10x18(n=8)	175	152	14(n=4)	210	200	45°	45°	10(10)	4	38.3(41.3)	12.5	-	16.0
050/110	125	14	50	14	85	131	15	6	M10x18(n=8)	230	170	14(n=8)	280	260	45°	45°	12	5	45.3	16.0	M6	39.2
063/130	140	16	60	15	100	140	15	6	M12x21(n=8)	255	180	16(n=6)	320	290	45°	22.5°	14	6	48.3	21.5	M6	55.0



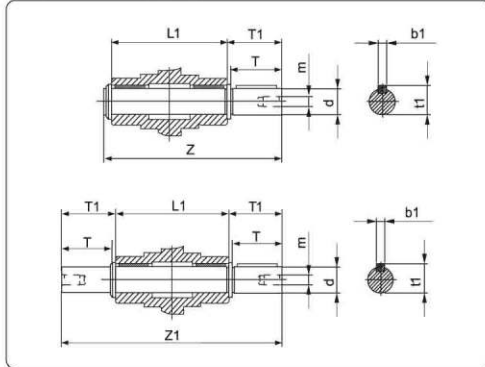
Extension worm shaft (S) dimensions



	J	d(j6)	K	L	m	b1	t1
030	45	9	20	136	-	3	10.2
040	53	11	23	165	-	4	12.5
050	64	14	30	198	M6	5	16
063	75	19	40	245	M6	6	21.5
075	90	24	50	295	M8	8	27
090	108	24	50	333	M8	8	27
110	135	28	60	397	M10	8	31
130	155	30	80	477	M10	8	33



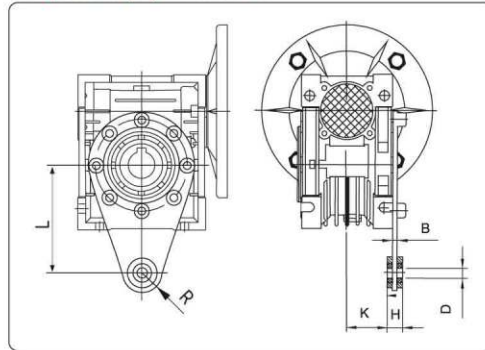
Output Shaft (A, A2) dimensions



	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 (B) dimensions



	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



URV/RV Reducer Lubrication Volume

-Lubrication volume for URV/RV is related with mounting position of reducer
 -All stock of URV/RV reducers are filled with WA460 lubrication according to B3 mounting position. For 110 and 130 reducers, if the mounting position is different from B3, a special indication is required.

/LUBRICATION VOLUME(LITRE)								
URV/RV	030	040	050	063	075	090	110	130
B3	0.042	0.081	0.153	0.3	0.58	1.02	3.02	4.55
B8							2.25	3.35
B6,B7							2.55	3.55
V5,V6							3.02	4.55

Selection of Lubrication

/RECOMMENDED LUBRICATION

/RECOMMENDED LUBRICATION		
/FOR EXPORT REDUCERS		TELIUM VSF MELIANA OIL 320
		MOBILGEAR 320 GLYGOYLE

