



## RATING CHARTS

### BVF 30

24 Nm

	i	n <sub>2</sub> (rpm)	M <sub>n2</sub> (Nm)	P <sub>n1</sub> (KW)	R <sub>n1</sub> (N)	R <sub>n2</sub> (N)	η <sub>d</sub> (%)	n <sub>2</sub> (rpm)	M <sub>n2</sub> (Nm)	P <sub>n1</sub> (KW)	R <sub>n1</sub> (N)	R <sub>n2</sub> (N)	η <sub>d</sub> (%)
		n <sub>1</sub> =2800 rpm						n <sub>1</sub> =1400 rpm					
BVF 30_7	7	400	12	0.58	120	510	87	200	16	0.41	140	630	84
BVF 30_10	10	280	12	0.41	70	620	85	140	16	0.30	80	770	81
BVF 30_15	15	187	14	0.34	-	720	81	93	18	0.24	-	910	76
BVF 30_20	20	140	14	0.26	-	820	78	70	18	0.19	-	1030	73
BVF 30_30	30	93	15	0.21	-	960	71	47	20	0.15	-	1200	65
BVF 30_40	40	70	14	0.16	-	1090	66	35	19	0.12	-	1360	60
BVF 30_60	60	47	14	0.12	-	1270	59	23.3	19	0.09	-	1590	51
BVF 30_70	70	40	11	0.18	-	1380	55	20.0	15	0.07	-	1600	48
n <sub>1</sub> =900 rpm						n <sub>1</sub> =500 rpm							
BVF 30_7	7	129	18	0.30	150	730	82	71	20	0.19	150	920	81
BVF 30_10	10	90	18	0.22	150	900	79	50	20	0.14	150	1120	77
BVF 30_15	15	60	20	0.17	-	1060	74	33	22	0.11	150	1320	71
BVF 30_20	20	45	20	0.14	-	1200	70	25	22	0.09	150	1490	67
BVF 30_30	30	30	22	0.12	-	1400	61	16.7	24	0.07	-	1700	58
BVF 30_40	40	23	20	0.09	-	1590	56	12.5	22	0.06	-	1700	53
BVF 30_60	60	15	20	0.07	-	1650	48	8.3	22	0.05	-	1700	44
BVF 30_70	70	13	17	0.05	-	1700	45	7	19	0.04	-	1700	41

### BVF 44

55 Nm

	i	n <sub>2</sub> (rpm)	M <sub>n2</sub> (Nm)	P <sub>n1</sub> (KW)	R <sub>n1</sub> (N)	R <sub>n2</sub> (N)	η <sub>d</sub> (%)	n <sub>2</sub> (rpm)	M <sub>n2</sub> (Nm)	P <sub>n1</sub> (KW)	R <sub>n1</sub> (N)	R <sub>n2</sub> (N)	η <sub>d</sub> (%)
		n <sub>1</sub> =2800 rpm						n <sub>1</sub> =1400 rpm					
BVF 44_7	7	400	22	1.1	220	950	88	200	29	0.75	220	1180	86
BVF 44_10	10	280	22	0.74	220	1150	87	140	29	0.51	220	1430	84
BVF 44_14	14	200	22	0.55	220	1340	84	100	29	0.37	220	1680	81
BVF 44_20	20	140	29	0.52	220	1490	81	70	39	0.37	220	1860	77
BVF 44_28	28	100	29	0.40	220	1710	76	50	39	0.29	220	2140	71
BVF 44_35	35	80	29	0.33	220	1870	73	40	39	0.25	220	2300	68
BVF 44_46	46	61	29	0.27	220	2080	69	30	39	0.19	220	2300	63
BVF 44_60	60	47	29	0.22	220	2290	65	23.3	39	0.16	220	2300	58
BVF 44_70	70	40	22	0.15	220	2300	62	20	29	0.11	220	2300	55
BVF 44_100	100	28	21	0.11	220	2300	55	14	28	0.09	220	2300	47
n <sub>1</sub> =900 rpm						n <sub>1</sub> =500 rpm							
BVF 44_7	7	129	39	0.63	220	1300	85	71	45	0.41	220	1610	83
BVF 44_10	10	90	39	0.45	220	1610	82	50	45	0.29	220	1980	80
BVF 44_14	14	64	39	0.34	220	1890	78	36	50	0.25	220	2280	76
BVF 44_20	20	45	45	0.29	220	2160	74	25	50	0.18	220	2500	72
BVF 44_28	28	32	49	0.24	220	2300	67	17.9	55	0.16	220	2500	64
BVF 44_35	35	25.7	49	0.2	220	2300	64	14.3	55	0.14	220	2500	60
BVF 44_46	46	19.6	49	0.17	220	2300	59	10.9	50	0.1	220	2500	55
BVF 44_60	60	15	45	0.13	220	2300	54	8.3	50	0.09	220	2500	50
BVF 44_70	70	12.9	39	0.1	220	2300	51	7.1	45	0.07	220	2500	47
BVF 44_100	100	9	30	0.06	220	2300	43	5	32	0.04	220	2500	39

### BVF 30 + BVF 44

70 Nm

	i	n <sub>2</sub> (rpm)	M <sub>n2</sub> (Nm)	P <sub>n1</sub> (KW)	R <sub>n1</sub> (N)	R <sub>n2</sub> (N)	η <sub>d</sub> (%)	n <sub>2</sub> (rpm)	M <sub>n2</sub> (Nm)	P <sub>n1</sub> (KW)	R <sub>n1</sub> (N)	R <sub>n2</sub> (N)	η <sub>d</sub> (%)
		n <sub>1</sub> =1400 rpm						n <sub>1</sub> =900 rpm					
BVF 30 + BVF 44_245	245	5.7	60	0.09	140	2500	40	3.7	70	0.07	150	2500	38
BVF 30 + BVF 44_350	350	4.0	60	0.07	80	2500	36	2.6	70	0.05	150	2500	38
BVF 30 + BVF 44_420	420	3.3	60	0.06	-	2500	35	2.1	70	0.04	-	2500	39
BVF 30 + BVF 44_560	560	2.5	60	0.05	-	2500	31	1.6	70	0.04	-	2500	29
BVF 30 + BVF 44_700	700	2.0	60	0.04	-	2500	31	1.3	70	0.03	-	2500	31
BVF 30 + BVF 44_840	840	1.7	60	0.04	-	2500	26	1.1	70	0.03	-	2500	26
BVF 30 + BVF 44_1120	1120	1.3	60	0.03	-	2500	26	0.80	70	0.02	-	2500	29
BVF 30 + BVF 44_1680	1680	0.83	60	0.02	-	2500	26	0.54	70	0.02	-	2500	20
BVF 30 + BVF 44_2100	2100	0.67	60	0.02	-	2500	21	0.43	70	0.02	-	2500	16






# WORM GEAR BOXES


## BVF 44 + BC

95 Nm

	i	n <sub>2</sub>	M <sub>n2</sub>	P <sub>n1</sub>	R <sub>n1</sub>	R <sub>n2</sub>	η <sub>d</sub>	n <sub>2</sub>	M <sub>n2</sub>	P <sub>n1</sub>	R <sub>n1</sub>	R <sub>n2</sub>	η <sub>d</sub>
		(rpm)	(Nm)	(KW)	(N)	(N)	(%)	(rpm)	(Nm)	(KW)	(N)	(N)	(%)
		<b>n<sub>1</sub>=2800 rpm</b>						<b>n<sub>1</sub>=1400 rpm</b>					
BVF 44 + BC_103	103	27.2	42	0.18	150	1900	65	13.6	50	0.11	150	1870	62
BVF 44 + BC_135	135	20.7	42	0.15	150	2150	59	10.4	50	0.09	150	2300	60
BVF 44 + BC_176	176	15.9	40	0.13	150	3000	52	8	47	0.08	150	3300	50
BVF 44 + BC_294	294	9.5	36	0.08	150	3000	43	4.8	36	0.04	150	3300	42
		<b>n<sub>1</sub>=900 rpm</b>						<b>n<sub>1</sub>=500 rpm</b>					
BVF 44 + BC_103	103	8.7	42	0.06	150	2050	60	4.9	42	0.04	15	1870	58
BVF 44 + BC_135	135	6.7	42	0.05	150	2330	58	3.7	42	0.03	150	2250	54
BVF 44 + BC_176	176	5.1	40	0.04	150	3400	49	2.8	40	0.03	150	3400	46
BVF 44 + BC_294	294	3.1	36	0.03	150	3400	41	1.7	36	0.02	150	3400	39

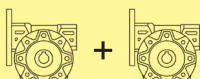
## BVF 49

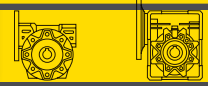
88 Nm

	i	n <sub>2</sub>	M <sub>n2</sub>	P <sub>n1</sub>	R <sub>n1</sub>	R <sub>n2</sub>	η <sub>d</sub>	n <sub>2</sub>	M <sub>n2</sub>	P <sub>n1</sub>	R <sub>n1</sub>	R <sub>n2</sub>	η <sub>d</sub>
		(rpm)	(Nm)	(KW)	(N)	(N)	(%)	(rpm)	(Nm)	(KW)	(N)	(N)	(%)
		<b>n<sub>1</sub>=2800 rpm</b>						<b>n<sub>1</sub>=1400 rpm</b>					
BVF 49_7	7	400	41	2.0	400	950	88	200	54	1.3	400	1170	86
BVF 49_10	10	280	44	1.5	400	1140	86	140	59	1.0	400	1410	84
BVF 49_14	14	200	49	1.2	400	1310	84	100	65	0.90	400	1630	81
BVF 49_18	18	156	44	0.87	400	1520	82	78	59	0.60	400	1890	78
BVF 49_24	24	117	47	0.73	400	1670	79	58	63	0.50	400	2110	75
BVF 49_28	28	100	56	0.78	400	1740	75	50	74	0.55	400	2170	71
BVF 49_36	36	78	52	0.59	400	1970	72	39	69	0.42	400	2460	67
BVF 49_45	45	62	49	0.46	400	2180	69	31	65	0.33	400	2725	63
BVF 49_60	60	47	44	0.34	400	2480	64	23.3	59	0.25	400	3100	58
BVF 49_70	70	40	41	0.28	400	2650	61	20.0	55	0.21	400	3150	54
BVF 49_80	80	35	41	0.25	400	2780	59	17.5	54	0.19	400	3150	52
BVF 49_100	100	28	37	0.20	400	3050	54	14.0	49	0.13	400	3150	47
		<b>n<sub>1</sub>=900 rpm</b>						<b>n<sub>1</sub>=500 rpm</b>					
BVF 49_7	7	129	61	0.97	400	1370	85	71	74	0.67	400	1670	83
BVF 49_10	10	90	64	0.75	400	1670	82	50	74	0.49	400	2060	80
BVF 49_14	14	64	71	0.61	400	1920	78	36	78	0.39	400	2400	75
BVF 49_18	18	50	68	0.47	400	2190	75	27.8	74	0.3	400	2730	72
BVF 49_24	24	38	68	0.36	400	2480	71	20.8	74	0.24	400	3090	68
BVF 49_28	28	32	82	0.41	400	2540	67	17.9	88	0.26	400	3180	63
BVF 49_36	36	25	75	0.31	400	2880	63	13.9	80	0.2	400	3450	59
BVF 49_45	45	20	71	0.25	400	3190	59	11.1	78	0.17	400	3450	55
BVF 49_60	60	15	64	0.19	400	3300	53	8.3	69	0.12	400	3450	49
BVF 49_70	70	12.9	60	0.16	400	3300	50	7.1	69	0.11	400	3450	46
BVF 49_80	80	11.3	58	0.14	400	3300	47	6.3	59	0.09	400	3450	43
BVF 49_100	100	9	52	0.11	400	3300	42	5	59	0.08	400	3450	38

## BVF 30 + BVF 49

100 Nm

	i	n <sub>2</sub>	M <sub>n2</sub>	P <sub>n1</sub>	R <sub>n1</sub>	R <sub>n2</sub>	η <sub>d</sub>	n <sub>2</sub>	M <sub>n2</sub>	P <sub>n1</sub>	R <sub>n1</sub>	R <sub>n2</sub>	η <sub>d</sub>
		(rpm)	(Nm)	(KW)	(N)	(N)	(%)	(rpm)	(Nm)	(KW)	(N)	(N)	(%)
		<b>n<sub>1</sub>=1400 rpm</b>						<b>n<sub>1</sub>=900 rpm</b>					
BVF 30 + BVF 49_240	240	5.8	95	0.13	80	3450	45	3.8	100	0.09	150	3450	44
BVF 30 + BVF 49_315	315	4.4	95	0.11	140	3450	40	2.9	100	0.07	150	3450	43
BVF 30 + BVF 49_420	420	3.3	95	0.08	-	3450	41	2.1	100	0.06	-	3450	37
BVF 30 + BVF 49_540	540	2.6	95	0.07	-	3450	37	1.7	100	0.05	-	3450	35
BVF 30 + BVF 49_720	720	1.9	95	0.05	-	3450	39	1.3	100	0.04	-	3450	33
BVF 30 + BVF 49_900	900	1.6	95	0.05	-	3450	31	1	100	0.04	-	3450	26
BVF 30 + BVF 49_1120	1120	1.3	95	0.04	-	3450	31	0.8	100	0.03	-	3450	28
BVF 30 + BVF 49_1440	1440	0.97	95	0.04	-	3450	24	0.63	100	0.03	-	3450	22
BVF 30 + BVF 49_2160	2160	0.65	95	0.03	-	3450	21	0.42	100	0.02	-	3450	22
BVF 30 + BVF 49_2700	2700	0.52	95	0.03	-	3450	17	0.33	100	0.02	-	3450	17



## BVF 49 + BC

95 Nm

	i	n <sub>2</sub> (rpm)	M <sub>n2</sub> (Nm)	P <sub>n1</sub> (KW)	R <sub>n1</sub> (N)	R <sub>n2</sub> (N)	η <sub>d</sub> (%)	n <sub>2</sub> (rpm)	M <sub>n2</sub> (Nm)	P <sub>n1</sub> (KW)	R <sub>n1</sub> (N)	R <sub>n2</sub> (N)	η <sub>d</sub> (%)
		n <sub>1</sub> =2800 rpm						n <sub>1</sub> =1400 rpm					
BVF 49 + BC_41	41	68.3	71	0.65	230	1920	78	34.1	78	0.37	230	2500	75
BVF 49 + BC_53	53	52.8	68	0.5	230	2180	77	26.4	74	0.28	230	2830	74
BVF 49 + BC_71	71	39.4	68	0.4	230	2470	71	19.7	74	0.22	230	3190	70
BVF 49 + BC_82	82	34.1	82	0.44	230	2520	67	17.1	88	0.25	230	3290	63
BVF 49 + BC_106	106	26.4	75	0.33	230	2860	64	13.2	80	0.19	230	3450	59
BVF 49 + BC_132	132	21.2	71	0.27	230	3160	58	10.6	88	0.18	230	3450	54
BVF 49 + BC_176	176	15.9	64	0.2	230	3300	53	8	69	0.12	230	3450	48
BVF 49 + BC_206	206	13.6	60	0.17	230	3300	5	6.8	69	0.11	230	3450	45
BVF 49 + BC_235	235	11.9	58	0.15	230	3300	48	6	59	0.09	230	3450	41
BVF 49 + BC_294	294	9.5	52	0.12	230	3300	43	4.8	59	0.08	230	3450	37
		n <sub>1</sub> =900 rpm						n <sub>1</sub> =500 rpm					
BVF 49 + BC_41	41	22	82	0.26	230	2960	73	12.2	90	0.16	230	3450	72
BVF 49 + BC_53	53	17	79	0.2	230	3330	72	9.4	83	0.12	230	3450	70
BVF 49 + BC_71	71	12.7	79	0.16	230	3450	67	7	83	0.1	230	3450	62
BVF 49 + BC_82	82	11	91	0.17	230	3450	62	6.1	95	0.1	230	3450	61
BVF 49 + BC_106	106	8.5	84	0.13	230	3450	58	4.7	90	0.08	230	3450	57
BVF 49 + BC_132	132	6.8	82	0.11	230	3450	53	3.8	90	0.07	230	3450	51
BVF 49 + BC_176	176	5.1	75	0.09	230	3450	45	2.8	78	0.05	230	3450	46
BVF 49 + BC_206	206	4.4	75	0.08	230	3450	43	2.4	78	0.05	230	3450	39
BVF 49 + BC_235	235	3.8	64	0.06	230	3450	42	2.1	68	0.04	230	3450	37
BVF 49 + BC_294	294	3.1	63	0.06	230	3450	34	1.7	65	0.04	230	3450	29

## BW 63

190 Nm

	i	n <sub>2</sub> (rpm)	M <sub>n2</sub> (Nm)	P <sub>n1</sub> (KW)	R <sub>n1</sub> (N)	R <sub>n2</sub> (N)	η <sub>d</sub> (%)	n <sub>2</sub> (rpm)	M <sub>n2</sub> (Nm)	P <sub>n1</sub> (KW)	R <sub>n1</sub> (N)	R <sub>n2</sub> (N)	η <sub>d</sub> (%)
		n <sub>1</sub> =2800 rpm						n <sub>1</sub> =1400 rpm					
BW 63_7	7	400	105	4.9	480	1010	90	200	120	2.9	480	1550	88
BW 63_10	10	280	125	4.2	370	1360	88	140	140	2.4	480	1840	86
BW 63_12	12	233	125	3.5	435	1540	87	117	140	2	480	2070	85
BW 63_15	15	187	125	2.8	410	1770	86	93	150	1.8	480	2280	83
BW 63_19	19	147	130	2.4	310	1990	84	74	150	1.4	480	2600	81
BW 63_24	24	117	130	1.9	370	2250	82	58	155	1.2	480	2890	78
BW 63_30	30	93	125	1.6	440	2540	78	47	160	1.1	480	3170	74
BW 63_38	38	74	130	1.3	330	2800	75	37	155	0.85	480	3580	70
BW 63_45	45	62	130	1.2	380	3020	73	31	145	0.71	480	3920	67
BW 63_64	64	44	110	0.75	480	3650	67	21.9	125	0.47	480	4680	61
BW 63_80	80	35	100	0.59	480	4050	62	17.5	115	0.38	480	5000	56
BW 63_100	100	28	100	0.51	480	4420	58	14	115	0.33	480	5000	51
		n <sub>1</sub> =900 rpm						n <sub>1</sub> =500 rpm					
BW 63_7	7	129	130	2	480	1870	87	71	140	1.2	480	2420	84
BW 63_10	10	90	150	1.7	480	2220	84	50	165	1.1	480	2830	81
BW 63_12	12	75	150	1.4	480	2480	82	42	165	0.92	480	3140	79
BW 63_15	15	60	160	1.3	480	2740	80	33	180	0.83	480	3430	76
BW 63_19	19	47	160	1	480	3100	78	26.3	180	0.68	480	3860	73
BW 63_24	24	38	165	0.86	480	3440	75	20.8	185	0.58	480	4280	70
BW 63_30	30	30	170	0.76	480	3770	70	16.7	190	0.52	480	4690	64
BW 63_38	38	23.7	165	0.62	480	4240	66	13.2	185	0.42	480	5000	61
BW 63_45	45	20	155	0.52	480	4630	63	11.1	170	0.34	480	5000	58
BW 63_64	64	14.1	135	0.35	480	5000	56	7.8	150	0.24	480	5000	51
BW 63_80	80	11.3	125	0.28	480	5000	52	6.3	135	0.19	480	5000	46
BW 63_100	100	9	120	0.25	480	5000	46	5	130	0.17	480	5000	41

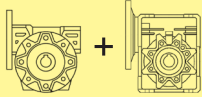




# WORM GEAR BOXES

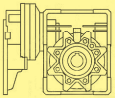
## BVF 30 + BW 63

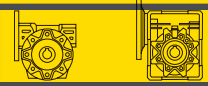
230 Nm

	i	n <sub>2</sub>	M <sub>n2</sub>	P <sub>n1</sub>	R <sub>n1</sub>	R <sub>n2</sub>	η <sub>d</sub>	n <sub>2</sub>	M <sub>n2</sub>	P <sub>n1</sub>	R <sub>n1</sub>	R <sub>n2</sub>	η <sub>d</sub>
		(rpm)	(Nm)	(KW)	(N)	(N)	(%)	(rpm)	(Nm)	(KW)	(N)	(N)	(%)
		<b>n<sub>1</sub>=1400 rpm</b>						<b>n<sub>1</sub>=900 rpm</b>					
BVF 30 + BW 63_240	240	5.8	210	0.27	80	5000	47	3.8	230	0.2	150	5000	45
BVF 30 + BW 63_315	315	4.4	210	0.23	140	5000	42	2.9	230	0.17	150	5000	41
BVF 30 + BW 63_450	450	3.1	210	0.17	-	5000	41	2.0	230	0.11	-	5000	42
BVF 30 + BW 63_570	570	2.5	210	0.14	-	5000	40	1.6	230	0.11	-	5000	36
BVF 30 + BW 63_720	720	1.9	210	0.12	-	5000	37	1.3	230	0.09	-	5000	32
BVF 30 + BW 63_900	900	1.6	210	0.11	-	5000	30	1	230	0.08	-	5000	29
BVF 30 + BW 63_1200	1200	1.2	210	0.11	-	5000	24	0.75	230	0.07	-	5000	25
BVF 30 + BW 63_1520	1520	0.92	210	0.08	-	5000	24	0.59	230	0.06	-	5000	23
BVF 30 + BW 63_2280	2280	0.61	210	0.06	-	5000	21	0.39	230	0.04	-	5000	23
BVF 30 + BW 63_2700	2700	0.52	210	0.05	-	5000	22	0.33	230	0.04	-	5000	19

## BW 63 + BC

220 Nm

	i	n <sub>2</sub>	M <sub>n2</sub>	P <sub>n1</sub>	R <sub>n1</sub>	R <sub>n2</sub>	η <sub>d</sub>	n <sub>2</sub>	M <sub>n2</sub>	P <sub>n1</sub>	R <sub>n1</sub>	R <sub>n2</sub>	η <sub>d</sub>
		(rpm)	(Nm)	(KW)	(N)	(N)	(%)	(rpm)	(Nm)	(KW)	(N)	(N)	(%)
		<b>n<sub>1</sub>=2800 rpm</b>						<b>n<sub>1</sub>=1400 rpm</b>					
BW 63 + BC_21	21	133.3	130	2.1	180	1840	88	66.7	140	1.2	320	2510	83
BW 63 + BC_29	29	96.6	150	1.7	300	2180	88	48.3	165	1	320	2920	83
BW 63 + BC_35	35	80	150	1.5	320	2430	83	40	165	0.85	320	3240	81
BW 63 + BC_44	44	63.6	160	1.3	320	2690	81	31.8	180	0.77	320	3540	78
BW 63 + BC_56	56	50	160	1.1	320	3050	76	25	180	0.63	320	3980	75
BW 63 + BC_71	71	39.4	165	0.9	320	3390	75	19.7	185	0.54	320	4410	72
BW 63 + BC_88	88	31.8	170	0.8	320	3710	72	15.9	190	0.48	320	4830	66
BW 63 + BC_112	112	25	165	0.6	320	4170	70	12.5	185	0.39	320	5000	62
BW 63 + BC_132	132	21.2	155	0.5	320	4560	64	10.6	170	0.32	320	5000	60
BW 63 + BC_188	188	14.9	135	0.4	320	5000	57	7.4	150	0.22	320	5000	53
BW 63 + BC_235	235	11.9	125	0.29	320	5000	54	6	135	0.18	320	5000	47
BW 63 + BC_294	294	9.5	120	0.25	320	5000	48	4.8	130	0.15	320	5000	44
		<b>n<sub>1</sub>=900 rpm</b>						<b>n<sub>1</sub>=500 rpm</b>					
BW 63 + BC_21	21	42.9	155	0.83	320	2960	84	23.8	170	0.52	320	3750	81
BW 63 + BC_29	29	31	180	0.72	320	3470	81	17.2	200	0.46	320	4360	79
BW 63 + BC_35	35	25.7	180	0.63	320	3830	77	14.3	200	0.4	320	4790	74
BW 63 + BC_44	44	20.5	190	0.55	320	4230	74	11.4	200	0.34	320	5000	71
BW 63 + BC_56	56	16.1	190	0.44	320	4740	73	8.9	200	0.27	320	5000	70
BW 63 + BC_71	71	12.7	190	0.37	320	5000	69	7	190	0.22	320	5000	64
BW 63 + BC_88	88	10.2	205	0.35	320	5000	63	5.7	220	0.22	320	5000	60
BW 63 + BC_112	112	8	200	0.29	320	5000	58	4.5	210	0.18	320	5000	55
BW 63 + BC_132	132	6.8	180	0.23	320	5000	56	3.8	190	0.15	320	5000	50
BW 63 + BC_188	188	4.8	150	0.16	320	5000	47	2.7	150	0.10	320	5000	42
BW 63 + BC_235	235	3.8	140	0.13	320	5000	43	2.1	140	0.08	320	5000	38
BW 63 + BC_294	294	3.1	130	0.11	320	5000	38	1.7	130	0.07	320	5000	33



## BW 75

320 Nm

	i	n <sub>2</sub> (rpm)	M <sub>n2</sub> (Nm)	P <sub>n1</sub> (KW)	R <sub>n1</sub> (N)	R <sub>n2</sub> (N)	η <sub>d</sub> (%)	n <sub>2</sub> (rpm)	M <sub>n2</sub> (Nm)	P <sub>n1</sub> (KW)	R <sub>n1</sub> (N)	R <sub>n2</sub> (N)	η <sub>d</sub> (%)		
		n <sub>1</sub> =2800 rpm							n <sub>1</sub> =1400 rpm						
BW 75_7	7	400	170	7.8	750	700	91	200	190	4.4	750	1530	90		
BW 75_10	10	280	205	6.7	750	1610	90	140	230	3.8	750	2240	88		
BW 75_15	15	187	225	5.0	750	2120	88	93	250	2.9	750	2870	85		
BW 75_20	20	140	225	3.8	750	2550	86	70	250	2.2	750	3410	83		
BW 75_25	25	112	225	3.2	750	2900	83	56	250	1.8	750	3840	80		
BW 75_30	30	93	240	2.9	750	3100	81	47	270	1.7	750	4090	77		
BW 75_40	40	70	225	2.1	750	3660	77	35	255	1.3	750	4770	72		
BW 75_50	50	56	195	1.6	750	4180	73	28	220	0.95	750	5410	68		
BW 75_60	60	47	180	1.3	750	4610	70	23.3	200	0.75	750	5960	65		
BW 75_80	80	35	160	0.9	750	5310	65	17.5	180	0.56	750	6200	59		
BW 75_100	100	28	135	0.65	750	5960	61	14	150	0.4	750	6200	55		
		n <sub>1</sub> =900 rpm							n <sub>1</sub> =500 rpm						
BW 75_7	7	129	205	3.1	750	2120	88	71	225	2	750	2940	86		
BW 75_10	10	90	250	2.7	750	2700	86	50	275	1.7	750	3480	84		
BW 75_15	15	60	270	2.0	750	3440	83	33	295	1.3	750	4380	80		
BW 75_20	20	45	270	1.6	750	4050	80	25	295	1	750	5120	77		
BW 75_25	25	36	270	1.3	750	4550	77	20	295	0.85	750	5720	73		
BW 75_30	30	30	290	1.2	750	4860	74	16.7	320	0.81	750	6080	69		
BW 75_40	40	22.5	275	1	750	5630	68	12.5	305	0.63	750	6200	63		
BW 75_50	50	18	235	0.7	750	6200	63	10	260	0.47	750	6200	58		
BW 75_60	60	15	215	0.56	750	6200	60	8.3	235	0.37	750	6200	55		
BW 75_80	80	11.3	195	0.43	750	6200	54	6.3	215	0.29	750	6200	49		
BW 75_100	100	9	160	0.3	750	6200	50	5	180	0.21	750	6200	44		

## BVF 44 + BW 75

400 Nm

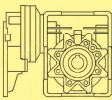
	i	n <sub>2</sub> (rpm)	M <sub>n2</sub> (Nm)	P <sub>n1</sub> (KW)	R <sub>n1</sub> (N)	R <sub>n2</sub> (N)	η <sub>d</sub> (%)	n <sub>2</sub> (rpm)	M <sub>n2</sub> (Nm)	P <sub>n1</sub> (KW)	R <sub>n1</sub> (N)	R <sub>n2</sub> (N)	η <sub>d</sub> (%)
		n <sub>1</sub> =1400 rpm							n <sub>1</sub> =900 rpm				
BVF 44 + BW 75_250	250	5.6	370	0.38	220	4560	57	3.6	400	0.29	220	4660	52
BVF 44 + BW 75_300	300	4.7	370	0.35	220	5160	51	3.0	400	0.27	220	5150	46
BVF 44 + BW 75_400	400	3.5	370	0.29	220	6200	46	2.3	400	0.22	220	6200	42
BVF 44 + BW 75_525	525	2.7	370	0.23	220	6200	44	1.7	400	0.18	220	6200	41
BVF 44 + BW 75_700	700	2.0	370	0.18	220	6200	42	1.3	400	0.14	220	6200	39
BVF 44 + BW 75_920	920	1.5	370	0.15	-	6200	40	1.0	400	0.11	220	6200	36
BVF 44 + BW 75_1200	1200	1.2	370	0.12	-	6200	37	0.75	400	0.10	220	6200	31
BVF 44 + BW 75_1500	1500	0.93	370	0.10	220	6200	37	0.60	400	0.09	220	6200	29
BVF 44 + BW 75_2100	2100	0.67	370	0.09	220	6200	30	0.43	400	0.07	220	6200	24
BVF 44 + BW 75_2800	2800	0.50	370	0.07	220	6200	26	0.32	400	0.06	220	6200	22



# WORM GEAR BOXES

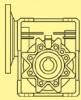
## BW 75 + BC

420 Nm

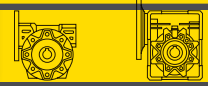
	i	n <sub>2</sub>	M <sub>n2</sub>	P <sub>n1</sub>	R <sub>n1</sub>	R <sub>n2</sub>	η <sub>d</sub>	n <sub>2</sub>	M <sub>n2</sub>	P <sub>n1</sub>	R <sub>n1</sub>	R <sub>n2</sub>	η <sub>d</sub>
		(rpm)	(Nm)	(KW)	(N)	(N)	(%)	(rpm)	(Nm)	(KW)	(N)	(N)	(%)
		<b>n<sub>1</sub>=2800 rpm</b>						<b>n<sub>1</sub>=1400 rpm</b>					
BW 75 + BC_21	21	133.3	205	3.3	500	2030	88	67	225	1.8	500	3060	86
BW 75 + BC_29	29	96.6	250	2.9	500	2640	86	48.3	275	1.7	500	3610	84
BW 75 + BC_44	44	63.6	270	2.2	500	3380	83	31.8	295	1.2	500	4530	80
BW 75 + BC_59	59	47.5	270	1.7	500	3980	80	23.7	295	1	500	5280	77
BW 75 + BC_74	74	37.8	270	1.4	500	4480	77	18.9	295	0.8	500	5890	73
BW 75 + BC_88	88	31.8	290	1.3	500	4780	74	15.9	320	0.8	500	6200	69
BW 75 + BC_118	118	23.7	275	1	500	5540	68	11.9	305	0.6	500	6200	63
BW 75 + BC_147	147	19	235	0.7	500	6200	63	9.5	260	0.4	500	6200	58
BW 75 + BC_176	176	15.9	215	0.6	500	6200	60	8	235	0.4	500	6200	55
BW 75 + BC_235	235	11.9	195	0.4	500	6200	54	6	215	0.3	500	6200	49
BW 75 + BC_294	294	9.5	160	0.3	500	6200	50	4.8	180	0.2	500	6200	44
		<b>n<sub>1</sub>=900 rpm</b>						<b>n<sub>1</sub>=500 rpm</b>					
BW 75 + BC_21	21	42.9	245	1.3	500	3660	85	23.8	270	0.8	500	4660	82
BW 75 + BC_29	29	31	330	1.3	500	4070	82	17.2	370	0.8	500	5160	80
BW 75 + BC_44	44	20.5	350	1	500	5180	78	11.4	400	0.6	500	6200	75
BW 75 + BC_59	59	15.3	330	0.7	500	6180	75	8.5	370	0.5	500	6200	71
BW 75 + BC_74	74	12.2	330	0.6	500	6200	70	6.8	350	0.4	500	6200	66
BW 75 + BC_88	88	10.2	370	0.6	500	6200	67	5.7	420	0.4	500	6200	63
BW 75 + BC_118	118	7.6	330	0.4	500	6200	60	4.2	380	0.3	500	6200	56
BW 75 + BC_147	147	6.1	310	0.4	500	6200	55	3.4	350	0.2	500	6200	51
BW 75 + BC_176	176	5.1	280	0.3	500	6200	51	2.8	320	0.2	500	6200	47
BW 75 + BC_235	235	3.8	220	0.2	500	6200	45	2.1	280	0.2	500	6200	41
BW 75 + BC_294	294	3.1	200	0.2	500	6200	41	1.7	260	0.1	500	6200	37

## BW 86

440 Nm

	i	n <sub>2</sub>	M <sub>n2</sub>	P <sub>n1</sub>	R <sub>n1</sub>	R <sub>n2</sub>	η <sub>d</sub>	n <sub>2</sub>	M <sub>n2</sub>	P <sub>n1</sub>	R <sub>n1</sub>	R <sub>n2</sub>	η <sub>d</sub>
		(rpm)	(Nm)	(KW)	(N)	(N)	(%)	(rpm)	(Nm)	(KW)	(N)	(N)	(%)
		<b>n<sub>1</sub>=2800 rpm</b>						<b>n<sub>1</sub>=1400 rpm</b>					
BW 86_7	7	400	225	10.4	850	2930	91	200	250	5.9	850	3920	89
BW 86_10	10	280	260	8.5	850	3490	90	140	290	4.8	850	4620	88
BW 86_15	15	187	295	6.6	850	4200	87	93	330	3.8	850	5510	85
BW 86_20	20	140	285	4.9	850	4900	86	70	320	2.8	850	6380	84
BW 86_23	23	122	285	4.3	850	5250	85	61	320	2.5	850	6800	82
BW 86_30	30	93	320	3.9	850	5740	81	47	370	2.4	850	7000	76
BW 86_40	40	70	295	2.7	850	6670	79	35	330	1.6	850	7000	75
BW 86_46	46	61	305	2.5	850	7000	77	30	340	1.5	850	7000	73
BW 86_56	56	50	265	1.8	850	7000	75	25	300	1.1	850	7000	70
BW 86_64	64	44	250	1.6	850	7000	73	21.9	280	0.94	850	7000	68
BW 86_80	80	35	225	1.2	850	7000	69	17.5	255	0.73	850	7000	64
BW 86_100	100	28	205	0.92	850	7000	65	14	230	0.57	850	7000	59
		<b>n<sub>1</sub>=900 rpm</b>						<b>n<sub>1</sub>=500 rpm</b>					
BW 86_7	7	129	270	4.1	850	4670	88	71	295	2.6	850	5890	85
BW 86_10	10	90	310	3.4	850	5500	86	50	345	2.2	850	6860	82
BW 86_15	15	60	355	2.7	850	6520	82	33	390	1.7	850	7000	78
BW 86_20	20	45	345	2	850	7000	81	25	380	1.3	850	7000	77
BW 86_23	23	39	345	1.8	850	7000	80	21.7	380	1.2	850	7000	75
BW 86_30	30	30	400	1.7	850	7000	73	16.7	440	1.1	850	7000	67
BW 86_40	40	22.5	355	1.2	850	7000	71	12.5	390	0.77	850	7000	66
BW 86_46	46	19.6	365	1.1	850	7000	69	10.9	405	0.73	850	7000	63
BW 86_56	56	16.1	325	0.83	850	7000	66	8.9	355	0.55	850	7000	60
BW 86_64	64	14.1	300	0.7	850	7000	63	7.8	330	0.47	850	7000	58
BW 86_80	80	11.3	275	0.55	850	7000	59	6.3	305	0.38	850	7000	53





## BW 86 + BC

550 Nm

	i	n <sub>2</sub> (rpm)	M <sub>n2</sub> (Nm)	P <sub>n1</sub> (KW)	R <sub>n1</sub> (N)	R <sub>n2</sub> (N)	η <sub>d</sub> (%)	n <sub>2</sub> (rpm)	M <sub>n2</sub> (Nm)	P <sub>n1</sub> (KW)	R <sub>n1</sub> (N)	R <sub>n2</sub> (N)	η <sub>d</sub> (%)
		n <sub>1</sub> =2800 rpm						n <sub>1</sub> =1400 rpm					
BW 86 + BC_21	21	133.3	270	4.3	500	4590	88	66.7	295	2.4	500	6070	85
BW 86 + BC_29	29	96.6	310	3.6	500	5410	86	48.3	345	2.1	500	7000	82
BW 86 + BC_44	44	63.6	355	2.9	500	6420	82	31.8	390	1.7	500	7000	78
BW 86 + BC_59	59	47.5	345	2.1	500	7000	81	23.7	380	1.2	500	7000	77
BW 86 + BC_68	68	41.2	345	1.9	500	7000	80	20.6	380	1.1	500	7000	75
BW 86 + BC_88	88	31.8	400	1.8	500	7000	73	15.9	440	1.1	500	7000	67
BW 86 + BC_118	118	23.7	355	1.2	500	7000	71	11.9	390	0.7	500	7000	66
BW 86 + BC_135	135	20.7	365	1.1	500	7000	69	10.4	405	0.7	500	7000	63
BW 86 + BC_165	165	17	325	0.9	500	7000	66	8.5	355	0.5	500	7000	60
BW 86 + BC_188	188	14.9	300	0.7	500	7000	63	7.4	330	0.4	500	7000	58
BW 86 + BC_235	235	11.9	275	0.6	500	7000	59	6	305	0.4	500	7000	53
BW 86 + BC_294	294	9.5	250	0.5	500	7000	55	4.8	275	0.3	500	7000	49
n <sub>1</sub> =900 rpm						n <sub>1</sub> =500 rpm							
BW 86 + BC_21	21	42.9	325	1.8	500	7000	83	23.8	355	1.1	500	7000	81
BW 86 + BC_29	29	31	375	1.5	500	7000	81	17.2	415	1	500	7000	78
BW 86 + BC_44	44	20.5	450	1.3	500	7000	76	11.4	500	0.8	500	7000	73
BW 86 + BC_59	59	15.3	430	0.9	500	7000	75	8.5	440	0.5	500	7000	72
BW 86 + BC_68	68	13.2	390	0.7	500	7000	73	7.4	400	0.4	500	7000	70
BW 86 + BC_88	88	10.2	500	0.8	500	7000	64	5.7	550	0.5	500	7000	60
BW 86 + BC_118	118	7.6	440	0.6	500	7000	63	4.2	470	0.4	500	7000	59
BW 86 + BC_135	135	6.7	430	0.5	500	7000	61	3.7	440	0.3	500	7000	56
BW 86 + BC_165	165	5.5	390	0.4	500	7000	57	3	410	0.2	500	7000	53
BW 86 + BC_188	188	4.8	390	0.4	500	7000	55	2.7	410	0.2	500	7000	50
BW 86 + BC_235	235	3.8	310	0.2	500	7000	50	2.1	320	0.2	500	7000	46
BW 86 + BC_294	294	3.1	310	0.2	500	7000	45	1.7	320	0.1	500	7000	41

## BVF 44 + BW 86

550 Nm

	i	n <sub>2</sub> (rpm)	M <sub>n2</sub> (Nm)	P <sub>n1</sub> (KW)	R <sub>n1</sub> (N)	R <sub>n2</sub> (N)	η <sub>d</sub> (%)	n <sub>2</sub> (rpm)	M <sub>n2</sub> (Nm)	P <sub>n1</sub> (KW)	R <sub>n1</sub> (N)	R <sub>n2</sub> (N)	η <sub>d</sub> (%)
		n <sub>1</sub> =1400 rpm						n <sub>1</sub> =900 rpm					
BVF 44 + BW 86_230	230	6.1	500	0.59	220	7000	54	3.9	550	0.43	220	7000	53
BVF 44 + BW 86_300	300	4.7	500	0.54	220	7000	45	3	550	0.41	220	7000	42
BVF 44 + BW 86_400	400	3.5	500	0.45	220	7000	41	2.3	550	0.32	220	7000	41
BVF 44 + BW 86_525	525	2.7	500	0.33	220	7000	42	1.7	550	0.25	220	7000	39
BVF 44 + BW 86_700	700	2.0	500	0.27	220	7000	39	1.3	550	0.2	220	7000	37
BVF 44 + BW 86_920	920	1.5	500	0.20	220	7000	40	1	550	0.15	-	7000	37
BVF 44 + BW 86_1380	1380	1.0	500	0.17	220	7000	32	0.65	550	0.13	-	7000	28
BVF 44 + BW 86_1840	1840	0.76	500	0.13	220	7000	30	0.49	550	0.1	-	7000	28
BVF 44 + BW 86_2116	2116	0.66	500	0.12	220	7000	28	0.43	550	0.09	220	7000	28
BVF 44 + BW 86_2760	2760	0.51	500	0.11	-	7000	24	0.33	550	0.08	220	7000	24