

MOW MODULATING WORM GEARBOX SIZING CHART

Output torque			Unit size	Nom ratio	Max input torque			Mech advance	Input turns to close [#]	Max hub bore		Approx weight
<i>lbsin</i>	<i>lbsft</i>	Nm			<i>lbsin</i>	<i>lbsft</i>	Nm			mm	<i>ins</i>	
3156	263	357	MOW3	40	210	18	24	15	10.0	45	1¾	10.5
3156	263	357	MOW3	70	137	11	16	23	17.5	45	1¾	10.5
7800	650	881	MOW4	40	520	43	59	15	10.0	64	2½	22.0
7800	650	881	MOW4	70	339	28	38	23	17.5	64	2½	22.0
7800	650	881	MOW4	80	269	22	30	29	20.0	64	2½	30.0
8400	700	949	MOW4	120	195	16	22	43	30.0	64	2½	30.0
8400	700	949	MOW4	140	191	16	22	44	35.0	64	2½	30.0
8400	700	949	MOW4	160	147	12	17	57	40.0	64	2½	30.0
8400	700	949	MOW4	200	118	10	13	71	50.7	64	2½	35.0
8700	725	983	MOW4	210	132	11	15	66	52.5	64	2½	30.0
8700	725	983	MOW4	240	101	8	11	86	60.0	64	2½	35.0
8700	725	983	MOW4	280	99	8	11	88	70.0	64	2½	30.0
8700	725	983	MOW4	350	79	7	9	110	88.7	64	2½	35.0
8700	725	983	MOW4	420	66	5	7	132	105.0	64	2½	35.0
12600	1050	1424	MOW5	40	741	62	84	17	10.0	76	3	45.0
12600	1050	1424	MOW5	70	548	46	62	23	17.5	76	3	45.0
13800	1150	1559	MOW5	80	431	36	49	32	20.0	76	3	53.0
13800	1150	1559	MOW5	120	288	24	32	48	30.0	76	3	53.0
13800	1150	1559	MOW5	140	314	26	35	44	35.0	76	3	53.0
13800	1150	1559	MOW5	160	212	18	24	65	40.0	76	3	53.0
13800	1150	1559	MOW5	200	170	14	19	81	50.7	76	3	58.0
13800	1150	1559	MOW5	210	209	17	24	66	52.5	76	3	53.0
13800	1150	1559	MOW5	240	142	12	16	97	60.0	76	3	58.0
13800	1150	1559	MOW5	280	157	13	18	88	70.0	76	3	53.0
13800	1150	1559	MOW5	350	125	10	14	110	88.7	76	3	58.0
13800	1150	1559	MOW5	420	105	9	12	132	105.0	76	3	58.0
30000	2500	3390	MOW6	70	1304	109	147	23	17.5	102	4	68.0
34200	2850	3864	MOW6	140	777	65	88	44	35.0	102	4	79.0
34200	2850	3864	MOW6	210	518	43	59	66	52.5	102	4	79.0
36600	3050	4135	MOW6	280	416	35	47	88	70.0	102	4	79.0
36600	3050	4135	MOW6	350	333	28	38	110	88.7	102	4	84.0
36600	3050	4135	MOW6	420	277	23	31	132	105.0	102	4	84.0
48000	4000	5423	MOW7	60	1920	160	217	25	15.0	127	5	120
48000	4000	5423	MOW7	120	1000	83	113	48	30.0	127	5	152
48000	4000	5423	MOW7	180	676	56	76	71	45.0	127	5	152
54000	4500	6101	MOW7	240	568	47	64	95	60.0	127	5	152
54000	4500	6101	MOW7	360	380	32	43	142	90.0	127	5	162
54000	4500	6101	MOW7	480	286	24	32	189	118.4	127	5	162
54000	4500	6101	MOW7	540	252	21	29	214	134.1	127	5	162
54000	4500	6101	MOW7	720	189	16	21	285	180.0	127	5	162

ie for 90° at output

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Output torque			Unit size	Nom ratio	Max input torque			Mech advance	Input turns to close [#]	Max hub bore		Approx weight
lbsin	lbsft	Nm			lbsin	lbsft	Nm			mm	ins	
90000	7500	10169	MOW8	60	3600	300	407	25	15.0	153	6	180
96000	8000	10846	MOW8	120	2000	167	226	48	30.0	153	6	212
96000	8000	10846	MOW8	180	1352	113	153	71	45.0	153	6	212
96000	8000	10846	MOW8	240	1011	84	114	95	60.0	153	6	212
96000	8000	10846	MOW8	360	676	56	76	142	90.0	153	6	212
96000	8000	10846	MOW8	480	508	42	57	189	118.4	153	6	222
96000	8000	10846	MOW8	540	449	37	51	214	134.1	153	6	222
96000	8000	10846	MOW8	720	337	28	38	285	180.0	153	6	222
174000	14500	19659	MOW9	60	6960	580	786	25	15.0	178	7	220
174000	14500	19659	MOW9	180	2451	204	277	71	45.0	178	7	290
174000	14500	19659	MOW9	240	1832	153	207	95	60.0	178	7	290
174000	14500	19659	MOW9	360	1225	102	138	142	90.0	178	7	290
174000	14500	19659	MOW9	540	813	68	92	214	135.0	178	7	290
174000	14500	19659	MOW9	720	611	51	69	285	180.0	178	7	290
186000	15500	21015	MOW9	960	489	41	55	380	240.0	178	7	290
186000	15500	21015	MOW9	1080	435	36	49	428	270.0	178	7	290
186000	15500	21015	MOW9	1440	326	27	37	570	360.0	178	7	290
186000	15500	21015	MOW9	2160	218	18	25	855	540.0	178	7	290
186000	15500	21015	MOW9	2347	213	18	24	875	586.8	178	7	290
186000	15500	21015	MOW9	2520	207	17	23	900	630.0	178	7	290
186000	15500	21015	MOW9	2940	169	14	19	1100	735.0	178	7	290
231000	19250	26099	MOW10	60	9240	770	1044	25	15.0	203	8	330
231000	19250	26099	MOW10	180	3254	271	368	71	45.0	203	8	408
231000	19250	26099	MOW10	240	2432	203	275	95	60.0	203	8	408
231000	19250	26099	MOW10	360	1627	136	184	142	90.0	203	8	408
231000	19250	26099	MOW10	540	1079	90	122	214	135.0	203	8	408
231000	19250	26099	MOW10	720	811	68	92	285	180.0	203	8	408
240000	20000	27116	MOW10	960	632	53	71	380	240.0	203	8	408
240000	20000	27116	MOW10	1080	561	47	63	428	270.0	203	8	408
240000	20000	27116	MOW10	1440	421	35	48	570	360.0	203	8	408
240000	20000	27116	MOW10	2160	281	23	32	855	540.0	203	8	408
240000	20000	27116	MOW10	2347	274	23	31	875	586.8	203	8	408
240000	20000	27116	MOW10	2520	267	22	30	900	630.0	203	8	408
240000	20000	27116	MOW10	2940	218	18	25	1100	735.0	203	8	408
360000	30000	40674	MOW11	60	14400	1200	1627	25	15.0	203	8	410
360000	30000	40674	MOW11	180	5070	423	573	71	45.0	203	8	481
360000	30000	40674	MOW11	240	3789	316	428	95	60.0	203	8	481
360000	30000	40674	MOW11	360	2535	211	286	142	90.0	203	8	481
390000	32500	44064	MOW11	540	1822	152	206	214	135.0	203	8	481
390000	32500	44064	MOW11	720	1368	114	155	285	180.0	203	8	481
390000	32500	44064	MOW11	960	1026	86	116	380	240.0	203	8	481
390000	32500	44064	MOW11	1080	911	76	103	428	270.0	203	8	481
414000	34500	46775	MOW11	1440	726	61	82	570	360.0	203	8	481
414000	34500	46775	MOW11	2160	484	40	55	855	540.0	203	8	481
414000	34500	46775	MOW11	2347	473	39	53	875	586.8	203	8	481
414000	34500	46775	MOW11	2520	460	38	52	900	630.0	203	8	481
414000	34500	46775	MOW11	2940	376	31	43	1100	735.0	203	8	481

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