

QUANTIS PART NUMBERS



QUANTIS Part Number Nomenclature

MSM Example: M10C21T01108

M	10	C	21	T	01108
Housing Configuration	Size	Input Type	Frame	Output Type	Ratio
H = ILH Foot Mounted B = RHB Foot Mounted BF = RHB Flange Mounted M = MSM Universal Mounting	3 = 38 4 = 48 6 = 68 8 = 88 10 = 108 12 = 128 14 = 148 16 = 168	C = Clamp Collar	56 = 56C 14 = 140TC 18 = 180TC 21 = 210TC 25 = 250TC 28 = 280TC	S = Solid Inch Shaft (RHB - A side) T = Tapered Hollow	000.00

MSM Reducer Specifications:

- Sizes 108 - 168
- NEMA Clamp Collar Design
- Universal Housing Configuration
- Standard Inch Output Shafts
- Nitrile Input and Output Shafts
- A1 Mounting
- Mobilgear 600 XP 220



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MSM Universal Housing Non-Stock Part Numbers

MW Housing - Non-Stock

Ratio	Size	Exact Ratio	Part Number	Output RPM	Output Torque (in-lb)	Output OHL (lbf)	Mechanical Input HP (Max)			
							180TC	210TC	250TC	280TC
10:1	MW 1082	11.08	M10C21T01108	158	13059	5433		32.74		
	MW 1082	11.08	M10C25T01108	158	18135	5433			45.47	
	MW 1082	11.08	M10C28T01108	158	26332	5433				66.01
	MW 1282	10.56	M12C21T01056	166	12206	6777		32.08		
	MW 1282	10.56	M12C25T01056	166	17297	6777			45.47	
	MW 1282	10.56	M12C28T01056	166	35229	6777				92.6
	MW 1482	9.86	M14C25T00986	177	16140	9664			45.47	
	MW 1482	9.86	M14C28T00986	177	32873	9664				92.6
15:1	MW 1682	9.71	M16C25T00971	180	15900	15239			45.47	
	MW 1682	9.71	M16C28T00971	180	32384	15239				92.6
	MW 1082	14.59	M10C18T01459	120	5441	5433	10.36			
	MW 1082	14.59	M10C21T01459	120	17199	5433		32.74		
	MW 1082	14.59	M10C25T01459	120	23885	5433			45.47	
	MW 1082	14.59	M10C28T01459	120	27831	5433				52.98
	MW 1282	16.27	M12C21T01627	108	16806	6777		28.68		
	MW 1282	16.27	M12C25T01627	108	26642	6777			45.47	
	MW 1282	16.27	M12C28T01627	108	46256	6777				78.94
	MW 1482	14.68	M14C21T01468	119	16363	10832		30.96		
	MW 1482	14.68	M14C25T01468	119	24031	10832			45.47	
	MW 1482	14.68	M14C28T01468	119	48944	10832				92.6
20:1	MW 1682	14.51	M16C21T01451	121	17017	16653		32.57		
	MW 1682	14.51	M16C25T01451	121	23754	16653			45.47	
	MW 1682	14.51	M16C28T01451	121	48379	16653				92.6
	MW 1082	19.78	M10C18T01978	88	7378	5433	10.36			
	MW 1082	19.78	M10C21T01978	88	22693	5433		31.85		
	MW 1082	19.78	M10C25T01978	88	28786	5433			40.41	
	MW 1082	19.78	M10C28T01978	88	29303	5433				41.13
	MW 1282	21.57	M12C21T02157	81	19947	6777		25.68		
	MW 1282	21.57	M12C25T02157	81	35315	6777			45.47	
	MW 1282	21.57	M12C28T02157	81	48313	6777				62.2
	MW 1482	19.78	M14C21T01978	88	19998	11478		28.07		
	MW 1482	19.78	M14C25T01978	88	32388	11478			45.47	
MW 1482	19.78	M14C28T01978	88	58038	11478				81.47	
MW 1682	21.85	M16C21T02185	80	22879	17897		29.07			
MW 1682	21.85	M16C25T02185	80	35782	17897			45.47		
MW 1682	21.85	M16C28T02185	80	70534	17897				89.62	

◆ Build to Order

Note: Twin Tapered Hollow Output Bore, A1 Mounting, Clamp Collar - Input, 1750 RPM Input
Twin Tapered need to be ordered separately

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MSM Universal Housing Non-Stock Part Numbers MW Housing - Non-Stock ♦ (continued)

Ratio	Size	Exact Ratio	Part Number	Output RPM	Output Torque (in-lb)	Output OHL (lbf)	Mechanical Input HP (Max)			
							180TC	210TC	250TC	280TC
25:1	MW 1082	24.89	M10C18T02489	70	9285	5433	10.36			
	MW 1082	24.89	M10C21T02489	70	23873	5433		26.63		
	MW 1082	24.89	M10C25T02489	70	23873	5433			26.63	
	MW 1082	24.89	M10C28T02489	70	23873	5433				26.63
	MW 1282	24.77	M12C18T02477	71	9239	6777	10.36			
	MW 1282	24.77	M12C21T02477	71	21482	6777		24.08		
	MW 1282	24.77	M12C25T02477	71	38689	6777			43.37	
	MW 1282	24.77	M12C28T02477	71	49267	6777				55.23
	MW 1482	26	M14C21T02600	67	23326	11478		24.91		
	MW 1482	26	M14C25T02600	67	42154	11478			45.02	
MW 1482	26	M14C28T02600	67	60187	11478				64.28	
30:1	MW 1082	36.54	M10C18T03654	48	13628	5433	10.36			
	MW 1082	36.54	M10C21T03654	48	27780	5433		21.11		
	MW 1082	36.54	M10C25T03654	48	27780	5433			21.11	
	MW 1082	36.54	M10C28T03654	48	27780	5433				21.11
	MW 1282	36.83	M12C18T03683	48	13736	6777	10.36			
	MW 1282	36.83	M12C21T03683	48	43421	6777		32.74		
	MW 1282	36.83	M12C25T03683	48	50451	6777			38.04	
	MW 1282	36.83	M12C28T03683	48	50451	6777				38.04
	MW 1482	30.39	M14C21T03039	58	35836	11478		32.74		
	MW 1482	30.39	M14C25T03039	58	49766	11478			45.47	
MW 1482	30.39	M14C28T03039	58	70808	11478				64.69	
MW 1682	31.83	M16C28T03183	55	76962	19910				67.13	
40:1	MW 1082	40.62	M10C18T04062	43	15152	5433	10.36			
	MW 1082	40.62	M10C21T04062	43	28912	5433		19.76		
	MW 1082	40.62	M10C25T04062	43	28912	5433			19.76	
	MW 1282	43.21	M12C18T04321	40	16119	6777	10.36			
	MW 1282	43.21	M12C21T04321	40	48580	6777		31.21		
	MW 1282	43.21	M12C25T04321	40	50451	6777			32.42	
	MW 1282	43.21	M12C28T04321	40	50451	6777				32.42
	MW 1482	40.36	M14C21T04036	43	47182	11478		32.46		
	MW 1482	40.36	M14C25T04036	43	63040	11478			43.37	
	MW 1482	40.36	M14C28T04036	43	70808	11478				48.72
	MW 1682	42.03	M16C21T04203	42	49378	19910		32.62		
	MW 1682	42.03	M16C25T04203	42	68818	19910			45.47	
MW 1682	42.03	M16C28T04203	42	109752	19910				72.51	

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MSM Universal Housing Non-Stock Part Numbers MW Housing - Non-Stock ♦ (continued)

Ratio	Size	Exact Ratio	Part Number	Output RPM	Output Torque (in-lb)	Output OHL (lbf)	Mechanical Input HP (Max)			
							180TC	210TC	250TC	280TC
50:1	MW 1083	49.04	M10C21T04904	36	30093	5433		17.04		
	MW 1083	49.04	M10C25T04904	36	30093	5433			17.04	
	MW 1283	50.57	M12C21T05057	35	53991	6777		29.64		
	MW 1283	50.57	M12C25T05057	35	53991	6777			29.64	
	MW 1283	50.57	M12C28T05057	35	53991	6777				29.64
	MW 1482	51.15	M14C21T05115	34	49839	11478		27.05		
	MW 1482	51.15	M14C25T05115	34	66561	11478			36.13	
	MW 1482	51.15	M14C28T05115	34	70808	11478				38.44
50:1	MW 1683	50.32	M16C25T05032	35	82396	20233			45.47	
	MW 1683	50.32	M16C28T05032	35	118603	20233				65.45
60:1	MW 1082	66.48	M10C18T06648	26	18863	5433	7.88			
	MW 1082	66.48	M10C21T06648	26	30093	5433		12.57		
	MW 1083	59.81	M10C18T05981	29	22310	5433	10.36			
	MW 1083	59.81	M10C21T05981	29	30093	5433		13.97		
	MW 1083	59.81	M10C25T05981	29	30093	5433			13.97	
	MW 1282	62.03	M12C18T06203	28	21926	6777	9.82			
	MW 1282	62.03	M12C21T06203	28	50451	6777		22.59		
	MW 1282	62.03	M12C25T06203	28	50451	6777			22.59	
	MW 1482	60.53	M14C21T06053	29	51431	11478		23.59		
	MW 1482	60.53	M14C25T06053	29	68755	11478			31.54	
	MW 1482	60.53	M14C28T06053	29	70808	11478				32.48
	MW 1682	60.66	M16C21T06066	29	59072	20233		27.04		
MW 1682	60.66	M16C25T06066	29	79493	20233			36.39		
MW 1682	60.66	M16C28T06066	29	109752	20233				50.24	
75:1	MW 1082	72.74	M10C18T07274	24	19121	5433	7.3			
	MW 1082	72.74	M10C21T07274	24	30093	5433		11.49		
	MW 1283	76.87	M12C18T07687	23	28673	6777	10.36			
	MW 1283	76.87	M12C21T07687	23	53991	6777		19.5		
	MW 1283	76.87	M12C25T07687	23	53991	6777			19.5	
	MW 1482	73.42	M14C21T07342	24	53027	11478		20.06		
	MW 1482	73.42	M14C25T07342	24	70808	11478			26.78	
	MW 1483	79.78	M14C21T07978	22	77004	11478		26.8		
	MW 1483	79.78	M14C25T07978	22	77004	11478			26.8	
	MW 1483	79.78	M14C28T07978	22	77004	11478				26.8
	MW 1683	74.92	M16C21T07492	23	83533	20233		30.96		
	MW 1683	74.92	M16C25T07492	23	118603	20233			43.96	
MW 1683	74.92	M16C28T07492	23	118603	20233				43.96	

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QUANTIS PART NUMBERS



MSM Universal Housing Non-Stock Part Numbers MW Housing - Non-Stock ♦ (continued)

Ratio	Size	Exact Ratio	Part Number	Output RPM	Output Torque (in-lb)	Output OHL (lb)	Mechanical Input HP (Max)			
							180TC	210TC	250TC	280TC
100:1	MW 1083	94.52	M10C18T09452	19	30093	5433	8.84			
	MW 1083	94.52	M10C21T09452	19	30093	5433		8.84		
	MW 1283	90.32	M12C18T09032	19	33691	6777	10.36			
	MW 1283	90.32	M12C21T09032	19	53991	6777		16.6		
	MW 1283	90.32	M12C25T09032	19	53991	6777			16.6	
	MW 1283	102.35	M12C18T10235	17	38179	6777	10.36			
	MW 1283	102.35	M12C21T10235	17	53991	6777		14.65		
	MW 1283	102.35	M12C25T10235	17	53991	6777			14.65	
	MW 1483	105.94	M14C18T10594	17	39515	11478	10.36			
	MW 1483	105.94	M14C21T10594	17	77004	11478		20.18		
	MW 1483	105.94	M14C25T10594	17	77004	11478			20.18	
	MW 1483	105.94	M14C28T10594	17	77004	11478				20.18
	MW 1683	100.98	M16C21T10098	17	102089	20233		28.07		
MW 1683	100.98	M16C25T10098	17	118603	20233			32.61		
MW 1683	100.98	M16C28T10098	17	118603	20233				32.61	
125:1	MW 1083	120.93	M10C18T12093	14	30093	5433	6.91			
	MW 1083	120.93	M10C21T12093	14	30093	5433		6.91		
	MW 1483	134.28	M14C18T13428	13	50086	11478	10.36			
	MW 1483	134.28	M14C21T13428	13	77004	11478		15.92		
	MW 1483	134.28	M14C25T13428	13	77004	11478			15.92	
150:1	MW 1083	146.04	M10C18T14604	12	30093	5433	5.72			
	MW 1283	154.25	M12C18T15425	11	53991	6777	9.72			
	MW 1283	154.25	M12C21T15425	11	53991	6777		9.72		
	MW 1483	149.86	M14C18T14986	12	55899	11478	10.36			
	MW 1483	149.86	M14C21T14986	12	77004	11478		14.27		
	MW 1483	149.86	M14C25T14986	12	77004	11478			14.27	
	MW 1683	153.81	M16C21T15381	11	118603	20233		21.41		
	MW 1683	153.81	M16C25T15381	11	118603	20233			21.41	
MW 1683	153.81	M16C28T15381	11	118603	20233				21.41	
200:1	MW 1083	202.29	M10C18T20229	9	30093	5433	4.13			
	MW 1283	184.67	M12C18T18467	9	53991	6777	8.12			
	MW 1283	184.67	M12C21T18467	9	53991	6777		8.12		
	MW 1483	202.69	M14C18T20269	9	59724	11478	8.18			
	MW 1483	202.69	M14C21T20269	9	77004	11478		10.55		
	MW 1683	197.75	M16C21T19775	9	118603	20233		16.65		
	MW 1683	197.75	M16C25T19775	9	118603	20233			16.65	
MW 1683	197.75	M16C28T19775	9	118603	20233				16.65	
250:1	MW 1083	240.77	M10C18T24077	7	30093	5433	3.47			

♦ Build to Order

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