

Technical Note

BM / BMG Brake – Torques & Spring Combinations

Brake Size	Motor Frame	Brake Torque			Number of Springs			Spring Part Numbers		
		Nm	lb-in	lb-ft	Normal	Red	Blue	Normal	Red	Blue
BR03	DR63	3.2	28	2.4	6	-	-	185 815 7	185 873 4	--
		2.4	21	1.8	4	2	-			
		1.6	14	1.2	3	2	-			
		0.8	7	0.6	-	6	-			
BMG05	DT71	5	44	3.7	3	-	-	135 017 X	135 018 8	9999 9200
		4	35	3.0	2	2	-			
		2.5	22	1.8	-	6	-			
		1.6	14	1.2	-	4	-			
		1.2	11	0.9	-	3	-			
		0.8	7	0.6	-	2	-			
		0.7	6	0.5	-	-	6			
		0.45	4	0.3	-	-	4			
0.3	3	0.2	-	-	3					
BMG1	DT80	10	88	7.4	6	-	-			
		7.5	66	5.5	4	2	-			
		6	53	4.4	3	3	-			
		5	44	3.7	3	-	-			
BMG2	DT90 DT100 DV100	20	177	14.8	3	-	-	135 150 8	135 151 6	9999 9201
		16	142	11.8	2	2	-			
		10	88	7.4	-	6	-			
		6.6	58	4.9	-	4	-			
		5	44	3.7	-	3	-			
		3	27	2.2	-	-	6			
		2	18	1.5	-	-	4			
1.5	13	1.1	-	-	3					
BMG4	DT100 DV100	40	354	29.5	6	-	-			
		30	266	22.1	4	2	-			
		24	212	17.7	3	3	-			
		20	177	14.8	3	-	-			
BMG8	DV112M	55	487	40.6	4	2	-	184 845 3	135 570 8	9999 9202
		45	398	33.2	3	3	-			
		37	327	27.3	3	-	-			
		30	266	22.1	2	2	-			
		19	168	14.0	-	6	-			
		12.6	112	9.3	-	4	-			
		9.5	84	7.0	-	3	-			
		7.3	65	5.4	-	-	6			
		4.9	43	3.6	-	-	4			
3.7	33	2.7	-	-	3					

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		Nm	lb-in	lb-ft	Normal	Red	Blue	Normal	Red	Blue
BMG8	DV132S	75	664	55.3	6	-	-	184 845 3	135 570 8	9999 9202
		55	487	40.6	4	2	-			
		45	398	33.2	3	3	-			
		37	327	27.3	3	-	-			
		30	266	22.1	2	2	-			
		19	168	14.0	-	6	-			
		12.6	112	9.3	-	4	-			
		9.5	84	7.0	-	3	-			
		7.3	65	5.4	-	-	6			
		4.9	43	3.6	-	-	4			
3.7	33	2.7	-	-	3					
BM15	DV132M	100	885	73.8	3	3	-	184 486 5	184 487 3	9999 9203
		75	664	55.3	3	-	-			
		50	442	36.9	-	6	-			
		35	310	25.8	-	4	-			
		25	221	18.4	-	3	-			
		22	192	16.0	-	-	6			
		14.5	128	10.7	-	-	4			
		11	96	8.0	-	-	3			
	DV132ML DV160M	150	1328	110.6	6	-	-			
		125	1106	92.2	4	2	-			
		100	885	73.8	3	3	-			
		75	664	55.3	3	-	-			
		50	442	36.9	-	6	-			
		35	310	25.8	-	4	-			
		25	221	18.4	-	3	-			
		22	192	16.0	-	-	6			
		14.5	128	10.7	-	-	4			
		11	96	8.0	-	-	3			
BM30	DV160L	200	1770	147.5	4	4	-	187 455 1	187 457 8	9999 9204
		150	1328	110.6	4	-	-			
		125	1106	92.2	2	4	-			
		100	885	73.8	-	8	-			
		75	664	55.3	-	6	-			
		50	442	36.9	-	4	-			
		34	304	25.4	-	-	8			
		26	228	19.0	-	-	6			
		17	152	12.7	-	-	4			
		DV180	300	2655	221.3	8	-			
	250		2212	184.4	6	2	-			
	200		1770	147.5	4	4	-			
	150		1328	110.6	4	-	-			
	125		1106	92.2	2	4	-			
	100		885	73.8	-	8	-			
	75		664	55.3	-	6	-			
	50		442	36.9	-	4	-			
	34		304	25.4	-	-	8			
	26		228	19.0	-	-	6			
	17	152	12.7	-	-	4				

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Brake Size	Motor Frame	Brake Torque			Number of Springs			Spring Part Numbers		
		Nm	lb-in	lb-ft	Normal	Red	Blue	Normal	Red	Blue
BM31	DV200 DV225	300	2655	221.3	8	-	-	187 455 1	187 457 8	9999 9204
		250	2212	184.4	6	2	-			
		200	1770	147.5	4	4	-			
		150	1328	110.6	4	-	-			
		125	1106	92.2	2	4	-			
		100	885	73.8	-	8	-			
		75	664	55.3	-	6	-			
		50	442	36.9	-	4	-			
		34	304	25.4	-	-	8			
		26	228	19.0	-	-	6			
		17	152	12.7	-	-	4			
BM32*	DV180	300	2655	221.3	4	-	-	187 455 1	187 457 8	9999 9204
		250	2212	184.4	2	4	-			
		200	1770	147.5	-	8	-			
		150	1328	110.6	-	6	-			
		100	885	73.8	-	4	-			
BM62*	DV200 DV225	600	5310	442.5	8	-	-	187 455 1	187 457 8	9999 9204
		500	4425	368.8	6	2	-			
		400	3540	295.0	4	4	-			
		300	2655	221.3	4	-	-			
		250	2212	184.4	2	4	-			
		200	1770	147.5	-	8	-			
		150	1328	110.6	-	6	-			
		100	885	73.8	-	4	-			
BMG61	DV250	600	5310	442.5	8	-	-	186 838 1	186 839 X	--
	DVE250	500	4425	368.8	6	2	-			
	DV280	400	3540	295.0	4	4	-			
	DVE280	300	2655	221.3	4	-	-			
		200	1770	147.5	-	8	-			
BMG122*	DV250	1200	10620	885.0	8	-	-	186 838 1	186 839 X	--
	DVE250	1000	8850	737.5	6	2	-			
	DV280	800	7080	590.0	4	4	-			
	DVE280	600	5310	442.5	4	-	-			
		400	3540	295.0	-	8	-			

* Double Disc Brake