

BMW E53 4.6iS	RPM	1st Gear	2nd Gear	3rd Gear	4th Gear	5th Gear	Sources					
Final Drive - 3.91:1		3.57	2.2	1.51	1	0.8	http://www.janixworld.com/x5/misc/Dinan_S3_X5_46is.pdf					
Cd - .38	500	3	5	7	11	14	http://www.carinf.com/en/8ba0411861.html					
Frontal area - 29.06 ft^2	600	4	6	9	13	16	http://www.new-cars.com/2003/bmw/bmw-x5-46is-specs.html					
Weight - 5100 lbs	700	4	7	10	15	19	http://www.rbracing-rsr.com/aerohpcalc.html					
	800	5	8	12	17	22	http://www.f-body.org/gears/					
	900	6	9	13	20	25						
	1000	6	10	14	22	27						
	1100	7	11	16	24	30						
	1200	7	12	17	26	33						
	1300	8	13	19	28	35						
	1400	9	14	20	31	38						
	1500	9	15	22	33	41						
	1600	10	16	23	35	44						
	1700	10	17	25	37	46						
	1800	11	18	26	39	49						
	1900	12	19	27	41	52						
	2000	12	20	29	44	55						
	2100	13	21	30	46	57						
	2200	13	22	32	48	60						
	2300	14	23	33	50	63						
	2400	15	24	35	52	65						
	2500	15	25	36	55	68						
	2600	16	26	38	57	71						
	2700	17	27	39	59	74						
	2800	17	28	40	61	76						
	2900	18	29	42	63	79						
	3000	18	30	43	65	82						
	3100	19	31	45	68	85						
	3200	20	32	46	70	87						
	3300	20	33	48	72	90						
	3400	21	34	49	74	93						
	3500	21	35	51	76	95						
	3600	22	36	52	79	98						
	3700	23	37	53	81	101						
	3800	23	38	55	83	104						
	3900	24	39	56	85	106						
	4000	24	40	58	87	109						
	4100	25	41	59	89	112						
	4200	26	42	61	92	115						
	4300	26	43	62	94	117						
	4400	27	44	64	96	120						
	4500	28	45	65	98	123						
	4600	28	46	66	100	125						
	4700	29	47	68	103	128						
	4800	29	48	69	105	131						
	4900	30	49	71	107	134						
	5000	31	50	72	109	136						
	5100	31	51	74	111	139						
	5200	32	52	75	113	142						
	5300	32	53	77	116	145						
	5400	33	54	78	118	147						
	5500	34	55	79	120	150						
	5600	34	56	81	122	153	152.35 mph - Power needed = 342 hp					
Power Peak Stock - 342 hp	5700	35	57	82	124	155						
	5800	35	58	84	127	158						
	5900	36	59	85	129	161						
Power Peak Dinan S3 - 458 hp	6000	37	60	87	131	164						
	6100	37	61	88	133	166						
	6200	38	61	90	135	169	168.53 mph - Power needed = 458 hp					
	6300	39	62	91	137	172						
	6400	39	63	92	140	175						
	6500	40	64	94	142	177						
	6600	40	65	95	144	180						
	6700	41	66	97	146	183						
	6800	42	67	98	148	185						