

BNSR ACSR CONDUCTORS

Sizes as Per ISS

CODE NAME	AREA CODE Sqmm	Calculated Area MM2	Aluminium No./Dia	Steel No./Dia	Aluminium Kg./Km Wt.	Steel Kg./Km Wt.	Total Wt.Kg/Km	BRAKING LOAD	
								ALU.	STEEL
								Before / After	
MOLE	6.5	12.4	6/1.50	1/1.50	29.25	13.75	43	0.32/0.30	2.46/2.24
SQUIRREL	13	24.43	6/2.11	1/2.11	57.7	27.3	85	0.63/.60	4.6/4.37
GOPHER	16	30.6	6/2.36	1/2.36	71.9	34.1	106		
WEASEL	20	37	6/2.59	1/2.59	86.8	41.2	128	0.89/0.85	6.92/6.57
FERRET	25	49.6	6/3.00	1/3.00	116.2	54.8	171	1.17/1.11	9.29/8.83
RABBIT	30	61.9	6/3.35	1/3.35	145	69	214	1.43/1.36	11.38/11
MINK	40	73.9	6/3.66	1/3.66	172.9	82.1	255		
HORSE	42	116.1	12/2.79	7/2.79	210	332	542		
BEAVER	45	87.7	6/3.99	1/3.99	205.5	57.5	263		
RACCOON	48	99.1	6/4.09	1/4.09	215.5	102.5	318	2.08/1.98	17.27/16.4
OTTER	50	98	6/4.2	1./4.22	229.9	109.1	339		
CAT	55	113	6/4.50	1/4.50	261	124	385		
DOG	65	118.45	6/4.72	7/1.57	287.6	106.4	394	2.78/2.64	2.70/2.57
LEOPARD	80	150.1	6/5.28	7/1.76	359.5	133.5	493		
COYOT	80	157.6	26/2.54	7/1.90	365.2	155.8	521		
TIGER	80	162	30/2.36	7/2.36	368.5	240.5	609		
WOLF	95	195	30/2.59	7/2.59	447.5	279.5	727	0.89/0.85	6.92/6.57
LYNX	110	226	30/2.79	7/2.79	508	336	844		
PANTHER	130	262	30/3	7/3.00	587.4	388.6	976	1.17/1.11	9.29/8.83
LION	140	295	30/3.18	7/3.18	660.4	436	1096.4	1.43/1.36	10.43/9.91
BEAR	160	326	30/3.35	7/3.35	729	493	1222	1.43/1.36	11.38/11.
GOAT	185	400	30/3.71	7/3.71	898	594	1492		
SHEEP	225	463	30/3.99	7/3.99	1039	687	1726		
KUNDAH	250	428	42/3.50	7/1.94	1034.4	477.6	1782		
DEER	250	531	30/4.27	7/4.27	1190	787	1977		
ZEBRA	260	558	54/3.18	7/3.18	1186.5	434.5	1621	1.29/1.23	10.43/9
ELK	300	589	30/4.50	7/4.50	1321.5	874.5	2196		
CAMEL	300	539	54/3.35	7/3.35	1320.5	483.5	1804	1.43/1.36	11.38/11
MOOSE	325	598	54/3.53	7.353	1464	538	2002	1.57/1.49	12.86/12.22