



## ALL ALUMINUM CONDUCTOR STEEL REINFORCED (ACSR) - IS 398 (PART V) :1992

Code Name	Nominal Area	Sectional Area (mm <sup>2</sup> )	Stranding		Wire diameter		Diameter of Complete Conductor (mm)	Conductor Weight (Kg/km)	Rated Strength KN	DC Resistance @ 20°C (Ω/Km)	Current Capacity	
			No. of Wires		AL (mm)	Steel (mm)					@ 75°C (Ampere)	@ 85°C (Ampere)
			AL	Steel								
			(No.)	(No.)	(mm)	(mm)						
Moose	520	597.00	54	7	3.53	3.53	31.77	2004	161.2	0.0555	614	786
Morculla	560	591.70	42	7	4.13	2.30	31.68	1787	120.2	0.0520	633	810
Bersimis	690	724.40	42	7	4.57	2.54	35.04	2187	146.9	0.0424	706	912

## ALL ALUMINUM CONDUCTOR STEEL REINFORCED (ACSR) - BS 215 : 1970

GOPHER	25	30.62	6	1	2.36	2.36	7.08	106	9.6	1.0930	103	122
WEASEL	30	36.88	6	1	2.59	2.59	7.77	128	11.5	0.9077	115	137
FERRET	40	49.48	6	1	3.00	3.00	9.00	172	15.2	0.6766	137	164
RABBIT	50	61.70	6	1	3.35	3.35	10.05	214	18.4	0.5426	156	188
HORSE	70	116.20	12	7	2.79	2.79	13.95	538	61.2	0.3936	194	237
DOG	100	118.50	6	7	4.72	1.57	14.15	394	32.7	0.2733	234	285
WOLF	150	194.90	30	7	2.59	2.59	18.13	726	69.2	0.1828	319	393
DINGO	150	167.50	18	1	3.35	3.35	16.75	506	35.7	0.1815	316	388
LYNX	175	226.20	30	7	2.79	2.79	19.53	842	79.8	0.1576	347	430
CARACAL	175	194.50	18	1	3.61	3.61	18.05	587	41.1	0.1563	344	425
PANTHER	200	261.50	30	7	3.00	3.00	21.00	974	92.3	0.1363	377	470
JAGUAR	200	222.30	18	1	3.86	3.86	19.30	671	46.6	0.1367	372	460
ZEBRA	400	484.50	54	7	3.18	3.18	28.62	1621	131.9	0.0674	551	700

