

## HFI 150 / H-B & H-BM

HFI 150 insulated cores

Intended for use as internal wiring of equipment

600 V AC



Order reference		Conductor				Finished wire				Electrical	
		Tin Plated Copper (TPC)				HFI150			Weight	DC resistance	DC Current rating In free air at 40°C
		Size	Stranding	Wire	Core	Tolerance					
Description	Article Number	AWG	mm <sup>2</sup>	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	Max Ω/km	Amps
H-B 3007	540cc3007	30	0.06	7 x 0.102	0.30	0.90	0.83	0.97	1.2	354	5
H-B 2807	540cc2807	28	0.09	7 x 0.127	0.38	0.98	0.91	1.05	1.6	223	6
H-B 2619	540cc2619	26	0.16	19 x 0.102	0.48	1.08	1.00	1.16	2.3	131	8
H-B 2419	540cc2419	24	0.24	19 x 0.127	0.60	1.30	1.20	1.40	3.4	83.3	11
H-B 2219	540cc2219	22	0.38	19 x 0.160	0.76	1.46	1.36	1.56	4.8	52.2	15
H-BM 0.5	542cc0050	-	0.50	19 x 0.185	0.88	1.58	1.48	1.68	6.1	40.1	18
H-B 2019	540cc2019	20	0.60	19 x 0.203	0.96	1.66	1.56	1.76	7.2	32.0	20
H-BM 0.75	542cc0075	-	0.75	24 x 0.20	1.05	1.75	1.65	1.85	8.5	26.7	23
H-B 1819	540cc1819	18	0.96	19 x 0.254	1.21	1.91	1.81	2.01	11.0	20.4	27
H-BM 1.0	542cc0100	-	1.0	32 x 0.20	1.20	1.90	1.80	2.00	11.0	20.0	27
H-B 1619	540cc1619	16	1.23	19 x 0.287	1.36	2.16	2.01	2.31	14.0	15.8	31
H-BM 1.5	542cc0150	-	1.5	30 x 0.25	1.52	2.40	2.25	2.55	18.0	13.7	34
H-B 1419	540cc1419	14	1.87	19 x 0.361	1.70	2.50	2.35	2.65	21.0	10.0	41
H-BM 2.5	542cc0250	-	2.5	50 x 0.25	2.00	2.90	2.75	3.05	27.0	8.21	48
H-B 1237	540cc1237	12	2.98	37 x 0.320	2.20	3.10	2.95	3.25	33.0	2.20	55
H-BM 4	542cc0400	-	4.0	56 x 0.30	2.48	3.48	3.33	3.63	42.0	5.09	65
H-B 1037	540cc1037	10	4.65	37 x 0.404	2.77	3.77	3.62	3.92	49.0	4.13	74
H-BM 6	542cc0600	-	6.0	84 x 0.30	2.92	3.90	3.75	4.05	61.0	3.39	83
H-B 8133	540cc8133	8	8.60	133 x 0.287	4.20	5.20	5.05	5.35	85.0	2.30	110
H-BM 10	542cc1000	-	10.0	80 x 0.40	3.93	5.03	4.83	5.23	100	1.95	118
H-B 6133	540cc6133	6	13.6	133 x 0.361	5.27	6.47	6.32	6.62	134	1.46	148
H-BM 16	542cc1600	-	16.0	126 x 0.40	5.80	7.00	6.80	7.30	156	1.24	166
H-B 4133	540cc4133	4	21.6	133 x 0.455	6.65	8.05	7.90	8.20	212	0.920	201
H-BM 25	542cc2500	-	25.0	196 x 0.40	7.20	8.60	8.35	8.90	243	0.795	222
H-BM 35	542cc3500	-	35.0	278 x 0.40	8.70	10.50	10.20	10.80	345	0.565	279
H-BM 50	542cc5000	-	50.0	399 x 0.40	10.7	12.70	12.30	13.10	490	0.393	337

Core identification: Replace 'cc' in the article number with 2 digits below to select from available colours

00 Black 11 Brown 22 Red 33 Orange 44 Yellow 55 Green 66 Blue 77 Violet 88 Grey 99 White 29 Pink

Marking Not applicable

### Characteristics and key properties

		RoHS REACH LVD	<b>Current rating</b> IEC 60287	<b>Fluid resistant</b> Fuel Oil Water	<b>Flame resistant</b>	<b>Halogen free</b>	<b>Smoke free</b>	<b>MBR</b> Fixed = 5x Ø Flexing = 10x Ø
						<b>Temp low</b> -50°C	<b>Temp</b> >20,000 hrs +135°C	

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