

## Application

For use heavy weight doors or doors requiring high frequency service.

## Description

- ANSI A5111 (Stainless Steel)
- Two ball bearings
- Non-rising removable pin with tip and plug (NRP option)
- 12 numbers of wires
- Performance testing has shown that 1,250,000 cycles can be achieved 4 conductor flat cable which is capable of carrying 4 amps @ 24 Volts with a 16 amp in rush current for 300 milliamps. 4 amp in-line fuse needed to be provided to protect the cable from any overload or surge in power.
- Hinges are supplied with flat plug connectors at each leaf with 12 wires at each leaf and two 6" pigtailed for use with Electro Lynx doors.
- Hinges are packaged with a 36' and a 72" wire harnesses with connector on one end and leads for hard wiring on opposite end.



## Material

Stainless Steel with stainless steel pin



**BSI 2BB (NRP)**



**BSI 4BB (NRP)**

P/N Hinge	Hinge SIZE(inches)	Hinge Size(mm)	Gauge of Metal	Hole count	Screw size (Machine)	Screw size (wood)	Bearings Count
2H4540	4.5 x 4	114 x 102	0.134	8	1/2 x 12-24	1-1/4 x 12	0
2H4545	4.5 x 4.5	114 x 114	0.134	8	1/2 x 12-24	1-1/4 x 12	0
2BB4540	4.5 x 4	114 x 102	0.134	8	1/2 x 12-24	1-1/4 x 12	2
2BB4545	4.5 x 4.5	114 x 114	0.134	8	1/2 x 12-24	1-1/4 x 12	2
2BB5045	5 x 4.5	127 x 114	0.145	8	1/2 x 12-24	1-1/4 x 12	2
2BB4W4540	4.5 x 4	114 x 102	0.134	8	1/2 x 12-24	1-1/4 x 12	2
2BB4W4545	4.5 x 4.5	114 x 114	0.134	8	1/2 x 12-24	1-1/4 x 12	2
2BB10W4545	4.5 x 4.5	114 x 114	0.134	8	1/2 x 12-24	1-1/4 x 12	2
2BB12W4545	4.5 x 4.5	114 x 114	0.134	8	1/2 x 12-24	1-1/4 x 12	2

P/N Hinge	Hinge SIZE(inches)	Hinge Size(mm)	Gauge of Metal	Hole count	Screw size (Machine)	Screw size (wood)	Bearings Count
4H4540	4.5 x 4	114 x 102	0.18	8	1/2 x 12-24	1-1/4 x 12	0
4H4545	4.5 x 4.5	114 x 114	0.180	8	1/2 x 12-24	1-1/4 x 12	0
4BB4540	4.5 x 4	114 x 102	0.18	8	1/2 x 12-24	1-1/4 x 12	4
4BB4545	4.5 x 4.5	114 x 114	0.180	8	1/2 x 12-24	1-1/4 x 12	4
4BB5045	5 x 4.5	127 x 114	0.19	8	1/2 x 12-24	1-1/4 x 12	4