

Pymont Bridge: Facts and Figures

- Length: 369 metres
- The bridge cost £112,500 to build
- The bridge is made up of 14 spans: Australian ironbark is used on 12 spans, while the two central spans, which swing, are made from steel
- The swingspan weighs 1,000 tonnes and is supported on a base of concrete and local sandstone filled with mass concrete: it weighs 6,800 tonnes. It is 13 metres in diameter and 19 metres deep. The water is 6.5 metres deep and the base extends a further 10 metres below the sea floor
- Pymont Bridge takes 60 seconds to open. It must be opened for vessels more than 7 metres high
- Vessels up to 21.5 metres wide can pass through the open channel
- Pymont Bridge is driven by the original two 50 Hp 600 volt DC General Electric type 57 electric motors. Manual drum-type General Electric tramway controllers drive the motors for the swingspan and gates
- Power was drawn from Ultimo Power House (now the Powerhouse Museum)
- As a young engineer, J.J.C. Bradfield (who designed the Sydney Harbour Bridge) helped design the sandstone abutment walls at each end of Pymont Bridge
- More than 5 million pedestrians cross the bridge each year