

Table E.1 — Typical bridge bearing schedule

BRIDGE NAME OR REFERENCE

Bearing identification mark								
Number off								
Seating material ^a		Upper surface						
		Lower surface						
Allowable average contact pressure (N/mm ²)		Upper face	Serviceability					
			Ultimate					
		Lower face	Serviceability					
			Ultimate					
Design load effects (kN)	Ultimate limit state		Vertical	max.				
				permanent				
				min.				
	Serviceability limit state		Transverse					
			Longitudinal					
			Vertical					
Translation (mm)		Ultimate limit state		Transverse				
				Longitudinal				
				Serviceability limit state				
Rotation (radians)		Ultimate limit state		Transverse				
				Longitudinal				
				Transverse				
Maximum bearing dimensions (mm)		Ultimate limit state		Transverse				
				Longitudinal				
				Overall height				
Tolerable movement of bearing under transient loads (mm) If relevant		Ultimate limit state		Vertical				
				Transverse				
				Longitudinal				
Allowable resistance to translation under serviceability limit state (kN) If relevant		Serviceability limit state		Transverse				
				Longitudinal				
Allowable resistance to rotation under serviceability limit state (kN.m) If relevant		Serviceability limit state		Transverse				
				Longitudinal				
Type of fixing required		Serviceability limit state		Upper face				
				Lower face				
NOTE State any other requirements on separate sheet.								
^a For example cement mortar, epoxy mortar, in situ concrete, precast concrete, steel, timber.								