

SPECIFICATIONS FOR BRIDGE BEARINGS

Project: HPP Mestiachala
New Road Bridge 44,0m span

Pos.	Type in drawing	Nos. [pcs]	Vert. Load [kN] ULS		Horiz. Load [kN] ULS		Horiz. L. [kN] Seismic		Movement			
			max	min	Hx	Hy	Hx	Hy	±ex [mm]	±ey		
1	Sliding bearing	1	1700	400	0	0	0	0	50	20		
2	Longitudinal (x) sliding / cross (y) fixed bearing	1	1700	400	0	300	0	700	50	0		
3	Longitudinal (x) fixed / cross (y) sliding bearing	1	1700	400	300	0	1200	0	0	20		
4	Fixed bearing	1	1700	400	300	300	1200	700	0	0		
Total:		4										

Specifications:

Bearings designed according to EN1337 and relevant European Technical Approval.
 Allowable temperature range min. -50 to +70°C.
 Lifetime of all parts min. 50 years.
 Adequate corrosion protections according valid regulations and guidelunes and according special requirements (road salt protection!).

Dimensions according drawings.
 Incl. Sufficient anchoring to concrete at bottom and steel at top.

Incl. movement indicator and dust protection with foldable apron.
 Bearings equipped with clamps against ULS-uplift forces