Zeitschrift:	IABSE structures = Constructions AIPC = IVBH Bauwerke
Band:	6 (1982)
Heft:	C-23: Selected works of Fazlur R. Khan (1929-1982)

Werbung

Nutzungsbedingungen

Die ETH-Bibliothek ist die Anbieterin der digitalisierten Zeitschriften auf E-Periodica. Sie besitzt keine Urheberrechte an den Zeitschriften und ist nicht verantwortlich für deren Inhalte. Die Rechte liegen in der Regel bei den Herausgebern beziehungsweise den externen Rechteinhabern. Das Veröffentlichen von Bildern in Print- und Online-Publikationen sowie auf Social Media-Kanälen oder Webseiten ist nur mit vorheriger Genehmigung der Rechteinhaber erlaubt. <u>Mehr erfahren</u>

Conditions d'utilisation

L'ETH Library est le fournisseur des revues numérisées. Elle ne détient aucun droit d'auteur sur les revues et n'est pas responsable de leur contenu. En règle générale, les droits sont détenus par les éditeurs ou les détenteurs de droits externes. La reproduction d'images dans des publications imprimées ou en ligne ainsi que sur des canaux de médias sociaux ou des sites web n'est autorisée qu'avec l'accord préalable des détenteurs des droits. <u>En savoir plus</u>

Terms of use

The ETH Library is the provider of the digitised journals. It does not own any copyrights to the journals and is not responsible for their content. The rights usually lie with the publishers or the external rights holders. Publishing images in print and online publications, as well as on social media channels or websites, is only permitted with the prior consent of the rights holders. <u>Find out more</u>

Download PDF: 07.08.2025

ETH-Bibliothek Zürich, E-Periodica, https://www.e-periodica.ch



Expansion

Watertight transition structures for modular joints in transport routes of all kinds.

Lamella joints Robek System Transition structures for heavy traffic bridges and for expansion paths of all magnitudes. Load compensating segments with folding expanding sections divide the

Mageba production programme

total expansion path into traversable grooves. The modular joint remains watertight and level with the carriageway in all conditions of movement. It is specially designed and manufactured to suit the conditions of each structure.

Unitary joints Robek System Modular joints for the expansion of a groove. Steel edge sections with integral anchorings are incorporated in elements in an elastic and compact special concrete. An elastomeric expanding section provides a watertight seal of the groove.

Unitary joints are made for light and heavy traffic. They are particu-larly suitable for later installation.

Reinforced elastomeric bearings

Matt joints Robek System

Modular joints for medium-sized expansion paths. A reinforced, elastomeric deformable matting is fitted in a cavity of the structure. It can expand while simultaneously load compensating and provides a level closure of the movement joint. Matt joints are made for light and heavy traffic. They are particularly suitable for later installation.



Elastomeric, torsionable bearing structures for loadbearing and movement equalization in structures of all kinds.

Pot-type bearing Robek System Bearing structures for applied loads and displacements of any magnitude, particularly for bridge construction. These pot-type bearings rotate in all directions on an enclosed pressure pad with inte-gral sealing chain of tough plastic, sliding without wear on the pot wall. The pot bearing is made into a sliding pot bearing if movements have to be equalized. It can be provided with sliding chains permitting external re-lubrication.



Structural bearings Delta System Bearing structures for applied loads and displacements of small magnitudes in structural engineering.

The structural bearings are rigid without reinforcement and accommodate movements by shear deformation and/or by sliding.

In addition to elastomeric torsionable bearing structures, conventional designs are also produced. They can be combined with sliding bearings.

Point tilting bearings

These rotate in all directions by rolling on a spherical dome.

Spherical bearings

These rotate in all directions by the sliding of a spherical dome.

Linear rocker bearings

These rotate in one direction by rolling on a curved section.

Roller bearings

These extend the curved section to . a single-sided moving roller

Pilot bearings

Provide fixed point or movement directions without accepting applied vertical loads.



Hydraulically stacked parking places for private cars in multistorey carparks and parking areas.

Double parker (Pit Machine) Mageba System

Car parking system requiring little space for two parking places one above the other and swivelled for entering and leaving the driving level. Both parking places can be used independently.

Hoist parker (Surface Machine) Mageba System Car parking system with two horizontal parking places one above

the other and raised or lowered forentering and leaving the driving level

Hoist parkers are particularly economical with only one movable parking place. Two vehicles can then be parked dependent on one another

mageba sa consulting MAGEBA SA Solistrasse 68, CH-8180 Bülach Tel. 01 860 06 66, Telex 58460

Layout Automation the Kern Way

The Kern DIF 41 Data Interface

is a new unit in the Kern modular instrument system that offers the surveyor unique opportunities. The DIF 41 permits the automatic transmission of measurements from the DM 502 distance meter and E1 electronic theodolite to a programmable HP-41 pocket calculator. (The angles are simply keyed into the calculator if theodolites K1-S, K1-M or DKM2-A are used.) From these angles, the calculator computes the data necessary for laying out, such as:

- Horizontal distance and height difference
 Coordinates of an arbitrarily selected station point
- Polar layout elements
 Longitudinal and transverse deviations of the reflector location from the designated location of the point to be laid out

The Kern RD10 Remote Receiver

provides a reliable connection between observer and assistant by receiving and digitally displaying data computed in the HP-41 and transmitted by the DM 502. When longitudinal and transverse deviations are displayed, the assistant is able to locate the point to be laid out independently.









Kern & Co. Ltd. Mechanical, Optical and Electronic Precision Instruments CH-5001 Aarau Switzerland Telephone 064 25 11 11 Telex 981106

Coupon

I am interested in layout automation the Kern way. Please send me full details.

Name Occupation Address City, Country

Representatives and service facilities in most countries



Fugendichtungen im Hoch- + Tiefbau Joint seals + Joint profilés Sellos para juntas





heinz honegger ag

CH-8427 Rorbas ZH Switzerland Tel. 01 - 865 11 77, Telex 52844

Vertretungs- und Lizenzvergabe: Honel-Holding SA Sonnmattstrasse 6 CH-8180 Bülach, Switzerland Phone 01/860 89 43 Auflager Structural Bearings Appuis Apoyos



Pressen + Pumpen Hydraulic jacks Verins + Pompes Prensas + bombas



14 km away with millimetre accuracy within seconds





Concrete Test Hammer SCHMIDT

Models N and NR for non-destructive testing of the concrete quality in the finished structure



- constant high product quality - Swiss Finish
- spare parts guarantee, even for older instruments
- possibility of accurate calibration
- calibration on assured and unchanged basis for 25 years

a PROCEQ product from Switzerland

Reinforcement Detector PROFOMETER

PROFOMETER for precise and nondestructive testing of reinforcement in completed concrete structures.

- Determination of position, direction and quantity of main and secondary reinforcement
- Exact measurement of concrete cover up to 120 mm, even with densely packed reinforcement
- Determining the locations suitable for drilling dowel holes
- Estimates of rod diameter

a PROCEQ product from Switzerland

PROCEQ SA Riesbachstr. 57 Tel. 01/477800 CH-8034 Zürich Telex 53357 proce ch



