

## STATIONARY HOISTING DEVICE SZZH 6

### Use and description:

Stationary hoisting device type **SZZH 6** has been designed and constructed for load handling (materials, machine parts, machines, containers) from the rail transport system on the carrying trolleys of the monorail transport system with profile I 155 and otherwise, e.g. on the central mine tranship centres underground. The device is hanged under the upper part of the drift profile through fastening to the mine support arch profiles or other steel structures. It enables limitation-free movement of the mine locomotives and enables the vertical lifting and lowering of loads with the weight up to 6 000 kg.

Stationary hoisting device consists of the framed structure, monorail (profile I 155) line- steady and movable, from the drive, high strength link chains, arrestment mechanism and hydraulic distribution system with control device. The hydraulic system is connected to the source of the pressure medium – hydraulic oil with necessary characteristics



SZZH 6

### Characteristics:

Type		SZZH 6
Loading capacity	kg	6 000
Operation lifting speed	m.s <sup>-1</sup>	0.14
Nominal pressure	MPa	22
Max. working pressure in hydraulic system	MPa	24
Working medium	hydraulic liquid having a viscosity of 46 mm <sup>2</sup> .s <sup>-1</sup> at 40°C	
Working liquid filtration	µm	25
Max. lift	mm	1 800
Length of lifting beam	mm	3 600
Connecting pieces	threaded – P DN10; T DN12	
Working liquid filtration	µm	50
Max. dimensions (w x h x l)	mm	823x890x4 460
Weight (without hydr. distribution system)	kg	1 324.0

Type marking:

**SZZH 6**

- S STATIONARY
- ZZ CODE FOR HOISTING DEVICE
- H hydraulic
- 6 loading capacity

The product has been designed and constructed for equipment group I (mine), category M2 according to the Directive 94/9/EC of the European Parliament and of the Council and meets the requirements for using in areas “hazardous atmospheric conditions 2” according to EN 1127-2+A1 on condition that all national regulations of the employer are fulfilled.

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