

## STATIONARY HYDRAULIC LIFTING EQUIPMENT SZZH 5

### Use and description:

Stationary hydraulic lifting equipment type **SZZH 5** (hereinafter only stationary lifting equipment) is used for transferring the loads (materials, machine parts and machines, containers etc.) from mine rails transport cars on the carrying trolleys of the monorail transport system with profile **I 155** and vice versa on the mine central transferring workplaces.

The stationary hydraulic lifting equipment consist of a steel structure, of one section of monorail transport system I 155 – steady and movable, linear hydraulic motor, high strength link chains, arresting mechanism and of hydraulic distribution system with control device.

The stationary lifting equipment must be connected to the pressure medium source – water- oil emulsion or hydraulic oil with corresponding characteristics (e.g. hydraulic aggregate HAK – product of the KOEXPRO OSTRAVA, a.s. company).



### Characteristics:

SZZH 5

Type		SZZH 5
Loading capacity	t	5
Max. lift	m	1.9
Lifting velocity (HV 110/55x950)	m.s <sup>-1</sup>	0.14
Working medium	emulsion with HFA min. 1.50% concentration	
Working medium max./operation pressure	MPa	20/16
Flow rate in hydraulic circuit	dm <sup>3</sup> .min <sup>-1</sup>	60
Filtration of working liquid	µm	50
Max. dimensions (w x h x l)	mm	890x815x4 460
Weight (without hydr. distrib. system)	kg	1 324.0

Type marking:

**SZZH 5**  
SZZH STATIONARY HYDR. LIFTING EQUIPMENT  
5 loading capacity

The product has been designed and constructed as the 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 “dangerous atmospheric conditions 2” according to EN 1127-2+A1 on condition that all national regulations of the employer are fulfilled.

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