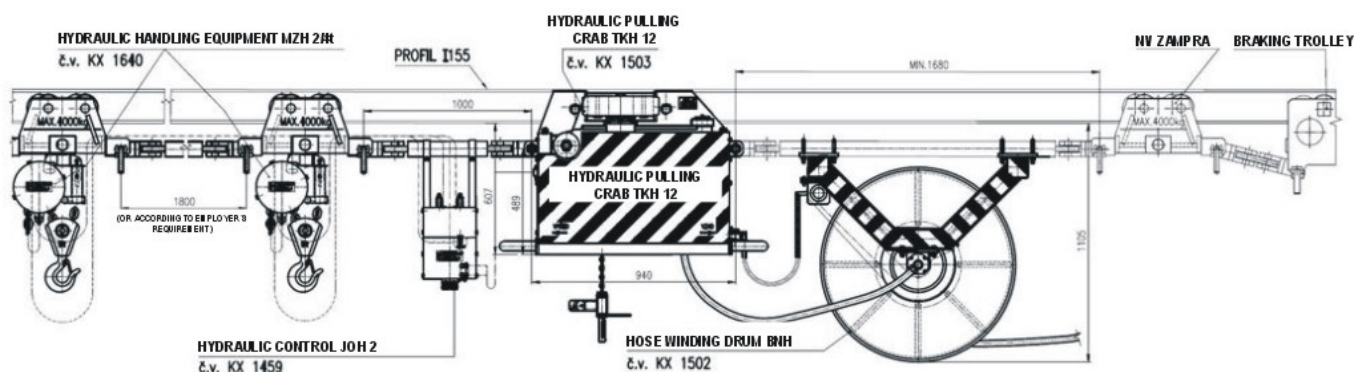


TRAVELLING HYDRAULIC HANDLING EQUIPMENT type PMZH 2x3t, 2x4t

Use and description:

Travelling hydraulic handling equipment type **PMZH** (hereinafter only travelling equipment) is used for handling the loads (lifting and travel) on the monorail transport system with profile- I 155 on workplaces where the suitable pulling equipment with a pressure oil source is available. The travelling equipment consists of 2 pcs of handling equipment MZH 1/3t or MZH 2/4t and of monorail transport system type components (connecting rods, carrying trolleys etc.). Control box type JOH 2 is hanged on the connecting rod between carrying trolleys.

The travelling equipment is possible to operate as a single or in set of other transport equipment connected with connecting rods. During transport in inclined mine openings the equipment must be secured using the braking trolley of approved type. The monorail hydraulic crab **TKH 12** is the pulling equipment for the travelling equipment (product of the KOEXPRO OSTRAVA, a.s. company).



Characteristics:

Type PMZH		PMZH 2x3t	PMZH 2x4t
PMZH loading capacity	t	2x3	2x4
Nominal lift	m	3	3
Number of loading strands on one MZH		1	2
Min. lifting speed	m.min ⁻¹	1.68	0.9
Load chain – strength class 8 (DIN 5684)	mm	11x31	11x31
Installed input	kW	2x4÷8	2x4÷8
Working medium pressure	MPa	16	16
Flow rate	dm ³ .min ⁻¹	2x(20 ÷ 40)	2x(20 ÷ 40)
Hydraulic connection	mm	DKOL M 16x1.50	DKOL M 16x1.50
Max. inclination	°	± 20°	± 20°

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 the Council of the European Union intended for using in areas “dangerous atmospheric conditions 2” according to EN 1127-2+A1 on condition that all national regulations are fulfilled by the employer.

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