

MONORAIL PULLING CRAB TK 12, TK 16 (TK 12, TK 16 + COMPRESSOR SET)

Use and description:

Monorail pulling crab **TK 12, TK 16** (hereinafter only pulling crab) is the drawing equipment with the pneumatic drive intended for handling with loads hanged on the carrying trolleys going on the monorail transport system profile I 155. It is used predominantly for handling operations, e.g. during the driving of the openings etc. The travel is resulting from the driving wheels rotation. These are pushed with springs to both sides of the I 155 profile web-plate. The control is through the pendant button controller hanged under the pulling crab. Each pulling crab travels on four carrying wheels. Two wheel couple is driven by one drive through the special gearbox.

The pulling crab is possible to operate with the handling equipment MZP (product of the KOEXPRO OSTRAVA, a.s. company) consisting of the chain pulley blocks with the pneumatic drive hanged on the carrying trolleys connected to one another with the bars. In inclined entries it is necessary to safeguard the transport set with braking trolley of approved type.



TK 12

Characteristics:

Type		TK 12	TK 16
Nominal traction force	N	12 000	16 000
Braking force	N	18 000	24 000
Travelling speed on horizontal section max.	m.min ⁻¹	24	24
Installed in	kW	2x5	2x5
Section max. inclination	°	± 20°	± 20°
Compressed air operation pressure	MPa	0.3 – 0.4	0.5 – 0.6
Max. pressure	MPa	0,6	0,6
Feeding hose ID	mm	32	32
Monorail transport type		ZD 24 (profil I 155)	ZD 24 (profil I 155)
Dimensions h x w x l	mm	720x774x1 005	720x774x1 005
Weight	kg	581.0	581.0

Type marking: **TK 12, TK 16**
 TK MONORAIL PULLING CRAB
 12, 16 pulling force 12 000 N, 16 000 N
 1 type

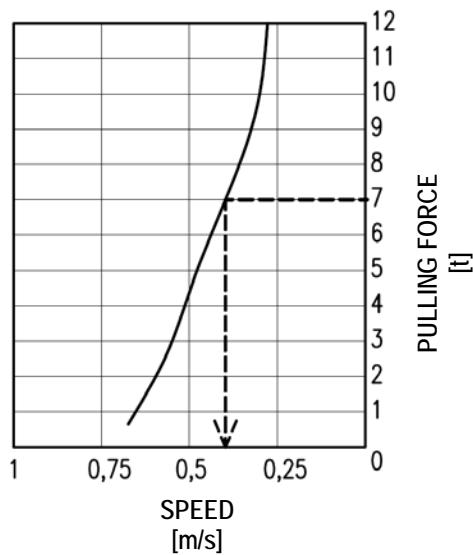
The product has been designed and constructed as the equipment group I (mine), category M2 according to the Directive 94/9/EC of the European Parliament and of the Council and meets the requirements for using in areas "hazardous atmospheric conditions 2" according to EN 1127-2+A1 on condition that all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

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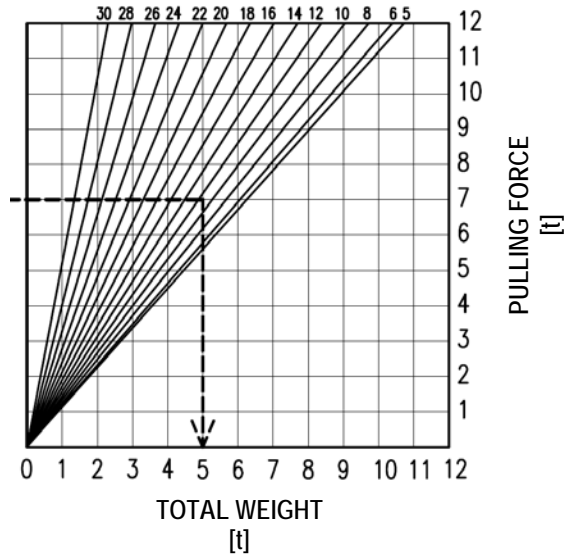
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MAX. WEIGHT OF LOAD – MONORAIL INCLINATION RELATIONSHIP



INCLINATION [°]



TK 12, TK 16 + COMPRESSOR set



IT IS POSSIBLE TO DELIVER (BASED ON THE SPECIAL ORDER) THE MONORAIL PULLING CRAB TK 12 WITH THE COMPRESSOR HANGED DIRECTLY ON THE MONORAIL ZD 24