

SWING AWAY PULLEY KO 2x60 kN

Use and description:

Swing away pulley **KO 2x60 kN** and **KO 2x60/22 kN** (hereinafter only pulley) is used in building industries, heavy duty industries on workplaces, where it is necessary to handle with heavy loads using the steel rope. It enables to guide the rope in areas, where it is necessary to change frequently the rope position and direction of the pulling force. It is used for max. rope pulling force of 60 kN at a angle of contact 180°.

The pulley is possible to use in case that the safety factor 4 to the breaking strength for the pulley structure is sufficient and the value pulley D/rope d 7.10 (event. 6.45) is acceptable. Dimensions of the hanger enable double hanging of the pulley using e.g. high strength chain.

The pulley consists of hanger, in the centre of which there is an opening through which the hang eye shank goes (it is equipped with thread). On the threaded part there is a nut locked against turning. On the hang sides there are twin eye openings enabling pin suspension of two side plates with inserted rope pulley in running fit design. Through drawing- out one pin it is possible to swing away the side plates towards the hang and so to insert the rope.



KO 2x60 kN

Characteristics:

Type		KO 2x60 kN	KO 2x60/22
Allowable pulling force	kN	2x60	2x60
Rope max. \varnothing d	mm	20	22
Pulley diameter D	mm	142	142
Safety factor to breaking strength		4	4
Pulley D diameter to max. rope diameter	-	7.1	6.45
Rope max. speed	m.s ⁻¹	1.82	1.82
Dimensions	mm	220x158x452	220x158x452
Weight	kg	25.0	25.0

Type marking: **KO 2x60 kN, KO 2x60/22**
 KO SWING AWAY PULLEY
 2x60 kN allowable pulling force
 2x60/22 allowable pulling force/max rope \varnothing

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 and meets the requirements for using in areas "hazardous atmospheric conditions 2" according to EN 1127-2+A1 on condition that all national regulations are fulfilled by the employer. "