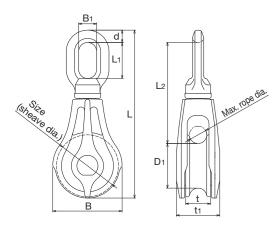
# Product specifications

### AK Block Type PB, Single Sheave



## [With Steel Bearing]

Model	Size (sheave dia.) (mm)	Max.				Bearing		Working load limit						
		(mm)	d	L	Lı	La	Dı	В	Bı	t	t۱	number	(kg)	(kg)
AK1680	50	14	10	136	29	82	36	56	14	20	35	6000	0.5	400
AK1681	75	16	14.5	194	38	111	59	81	19	24	44	6002	1.3	600
AK1682	100	22	16	243	44	137	78	106	22	28	50	6203	2.5	1,000

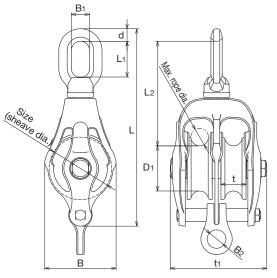
Material : Body = SCS14 (equivalent to SUS316), Sheave = Special stainless steel, Swivel / Sheave pin / Nut = SUS304 , Bearing = Steel

### [With Stainless Steel Bearing]

Model	Size (sheave dia.) (mm)	Max. rope dia. (mm)				Bearing	Unit	Working load limit						
			d	L	Lı	La	Dı	В	Bı	t	t۱	number	(kg)	(kg)
AK10300	50	14	10	136	29	82	36	56	14	20	35	6000	0.5	400
AK10301	75	16	14.5	194	38	111	59	81	19	24	44	6002	1.3	600
AK10302	100	22	16	243	44	137	78	106	22	28	50	6203	2.5	1,000

Material : Body = SCS14 (equivalent to SUS316) , Sheave = Special stainless steel , Swivel / Sheave pin / Nut = SUS304 , Bearing = SUS440C

### **AK Block Type PB, Double Sheaves**

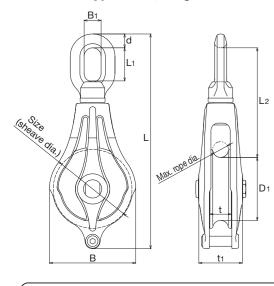


### [With Stainless Steel Bearing]

Model	Size (sheave dia.) (mm)	Max. rope dia. (mm)				Bearing		Working load limit						
			d	L	Lı	L2	Dı	В	Bı	t	tı	number	(kg)	(kg)
AK10310	50	14	10	158	29	83.5	36	57	14.5	20	77	6000	0.95	400
AK10311	75	16	14.5	229	38	117	59	84	19	24	94	6002	2.2	600
AK10312	100	22	16	282	44	142	78	109	22	28	111	6203	4.0	1,000

Material : Body / Sheave / Becket / Nut = Special stainless steel , Swivel / Sheave pin / Becket pin / Collar = SUS304 , Bearing = SUS440C

### AK Block Type PB-II, Single Sheave



With	Steel	Bearing	1
	JUCCI	Dearning	

Madal	Size (sheave dia.) (mm)	Max. rope dia. (mm)	Dimensions (mm)										Unit	Working
Model			d	L	Lı	La	Dı	В	Bı	t	t۱	number	(kg)	load limit (t)
AK10073	125	25	22	341	52	174	100	137	27	34	69	62/28	4.9	1.5

Material : Body / Sheave / Nut = Special stainless steel , Swivel / Sheave pin / Becket bolt / Collar = SUS304,

Dealer

Bearing = Steel

Manufacturer **ASANO** Asano Metal Industry Co., Ltd. 2866 Tsukioka, Sanjo, Niigata, 955-0803, JAPAN TEL +81-256-33-0101 FAX +81-256-33-0096 Homepage http://www.asano-metal.co.jp/en E-mail info-english@asano-metal.co.jp

# ASANO AK Block Type PB/Type PB-II Instruction manual

## Before use (Important)

- · For proper and safe use of the product, the prevention of injury to yourself and others around you, and the prevention of damage to property, read and understand this document thoroughly before handling the product.
- · After reading this document, store it in a place where it can be easily referenced.
- · Have an expert plan and install equipment such as cranes that will be used with the product.
- · Follow the industrial safety and health regulations and safety ordinance for cranes when handling the product.
- The product is manufactured for the purpose of hoisting or pulling heavy loads. Do not use it for any other purpose.
- · The product is for professional use only. It is not for general home use.

# Safety precautions

the rotation failure of the sheave.

deterioration

Use within the temperature range between -18°C and 66°C.

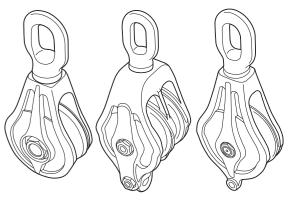
Using outside of this temperature range will cause rotation failure or strength

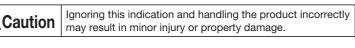
The descriptions in these "Safety precautions" and in the text are for you to follow in order to prevent injuries and property damage.

The danger and degree thereof resulting from incorrect handling are classified as follows. Ignoring this indication and handling the product Caution | may result in minor injury or property damage Warning incorrectly may result in serious injury or death. The following symbols are used to indicate the descriptions for you to follow. Describes something you must not do. Describes something you must do. **Warning** Do not use for the purpose of hoisting people or equipment with Do not perform modifications such as welding or cutting. people in it. Doing so may lead to serious injury or a fatal accident due to a weakened or Doing so may lead to serious injury or a fatal accident. broken pulley Inspect before use and periodically. Do not apply loads that exceed the working load limit. Failure to do so will overlook abnormalities or damage to the pulley, and may Doing so may damage the pulley, drop the hoisted load, and lead to serious lead to serious injury or a fatal accident. injury or a fatal accident. Do not let the rope fixture touch the pulley. Do not apply impact loads. Doing so may damage the pulley and lead to an accident of a falling hoisted Doing so may lead to serious injury or a fatal accident due to a broken pulley load or other part, or falling hoisted loads. Attach the hoisted load so that the sheave and hoisted load fixture are in tandem Do not ride on top of hoisted loads or pulley equipment. If the load is applied to the pulley from the side, it may lead to serious injury Doing so may lead to serious injury or a fatal accident due to falls or falling or a fatal accident due to breakage hoisted loads. After starting to hoist a load, check that the rope is in the groove of the sheave. Do not use when there are people within the movement range of the Failure to do so may drop the hoisted load due to rope damage, and lead to hoisted load or under the pulley. serious injury or a fatal accident. Doing so may lead to serious injury or a fatal accident. Do not use during bad weather such as in strong winds. When hoisting, stay away from the pulley, rope, and around and Doing so may drop the hoisted load and lead to serious injury or a fatal acciunder the hoisted load. Failure to do so may get your hands or body caught or you may get crushed under the falling hoisted load, lead to serious injury or a fatal accident. When attaching, removing, or transporting a pulley, use slip-resistant protective gloves and perform work in a stable place. Do not use the swivel for purposes such as constant rotation. Failure to do so may drop the pulley and lead to serious injury or a fatal acci-Doing so may damage the swivel, drop the hoisted load, and lead to serious dent injury or a fatal accident **A** Caution Do not use while submerged such as in the sea or water. In low temperature environments, check that the sheave is not frozen Doing so will lead severe rotation failure or strength deterioration due to before working. Failure to do so may damage the rope from rotation failure of the sheave due adhesion of foreign matter or corrosion to freezing Do not let the pulley touch sharp objects or abrasive surfaces. Doing so will cause the pulley to weaken due to damage or abrasion. In high temperature environments, lubricate periodically. In high temperature environments, depletion of lubricant is severe and if the Do not let the sheave rotate continuously at high speeds for long lubricant dries up, it will cause the rotation failure of the sheave or the shaft. periods of time. Otherwise the bearing may abrade due to frictional heat, which may cause

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# 1680 MAE













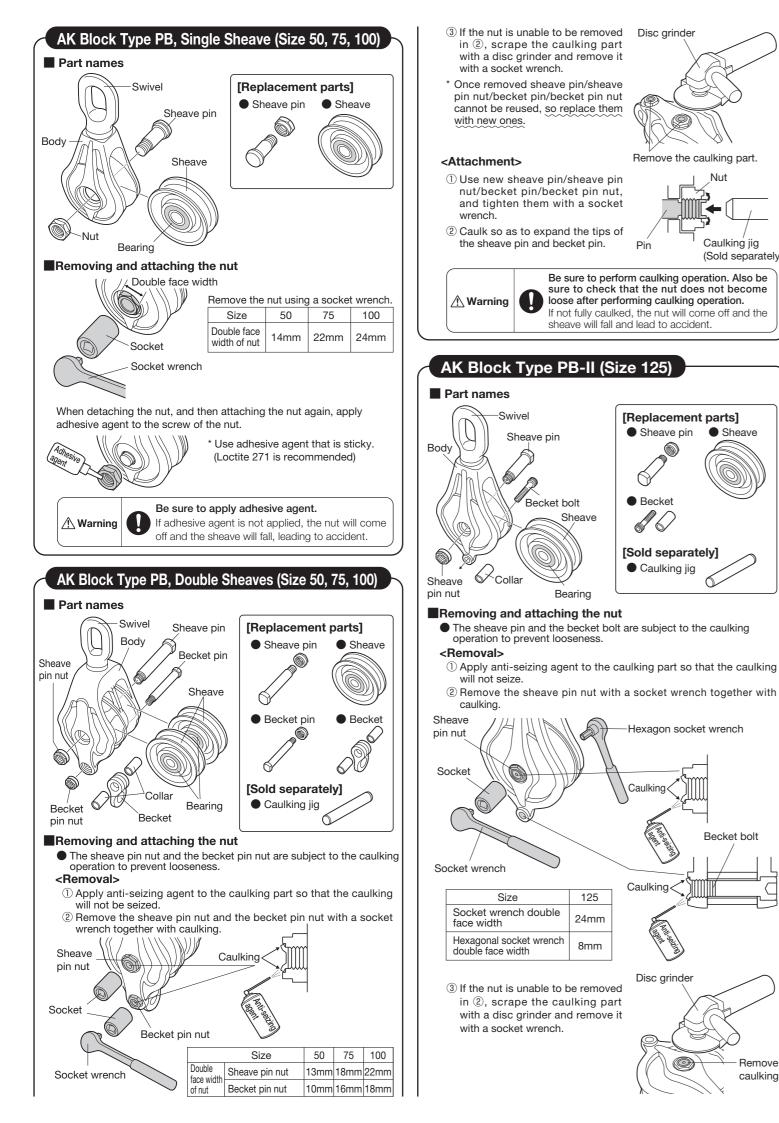






Do not use or store in the following environments.

Places with extreme temperature changes Places with corrosive or acidic gas Doing so will cause rotation failure or strength deterioration



Disc grinder

Pin

Sheave pin

Becket

16

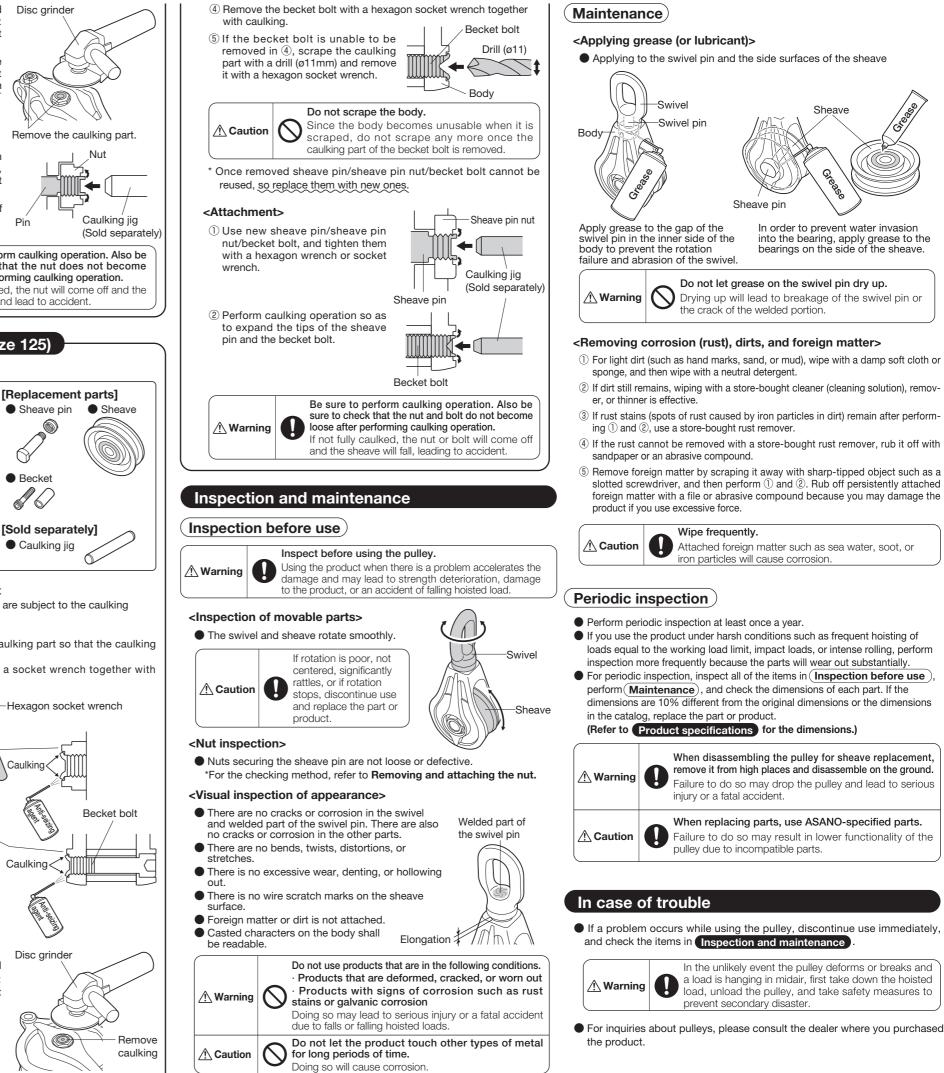
Caulking

Caulking

Disc arinde

[Sold separately]

Caulking jig



For inquiries about pulleys, please consult the dealer where you purchased