

Air Civil

Cargo Sling

A90B



/ Alouette II & III - Lama- BO105

/ Simple operation

/ Robust design (first use in the 70's)

/ Lifting 2.5T

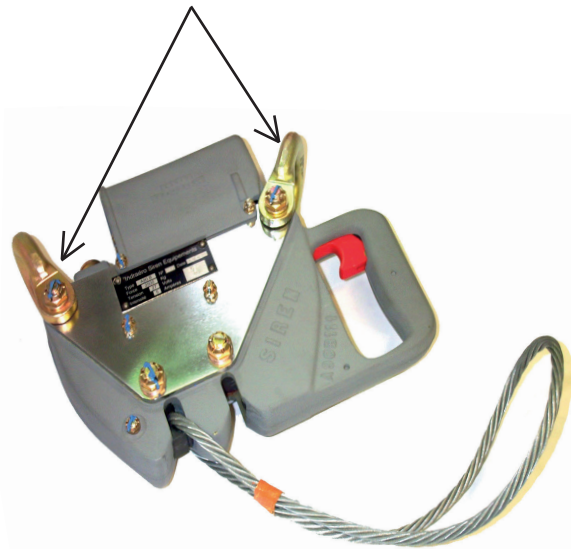


A90B

Sling for Alouette-Lama



Shackles



TECHNOLOGY

Release control : Electrical
Relocking : Automatic
Rigging device : Loaded control light

DIMENSIONS & WEIGHT

Minimum release load : 5kg (11 lb)
Nominal load : 2 500kg (4409.3 lb)
Ultimate load : 7 500kg (16534.7 lb)
Total dimensions : 225 x 290 x 80mm (8.9x11.4x3.1 inch)

POWER

Power supply : 20 to 27 V DC
Max consumption : 5 A with 27 V
Operating temperature : -35°C to +75°C (-31°F to 167°F)

LIFE CYCLE

Storage : 5 years in conditions explain or repair manual
Overhaul : Every 5 years
Warranty : 2 years for new product, 1 year after repair or overhaul

APPLICATION & PRODUCT

The Cargo Sling release mechanisms of type A90B and A90B-100 are designed for sling load transport missions by Alouette II and III, Lama family and BO105 helicopter.

It can carry a maximum load of 2500kg (4409.3 lb) under the helicopter.

The A90B is equipped with shackle, used on Alouette II and III as well as Lama family.

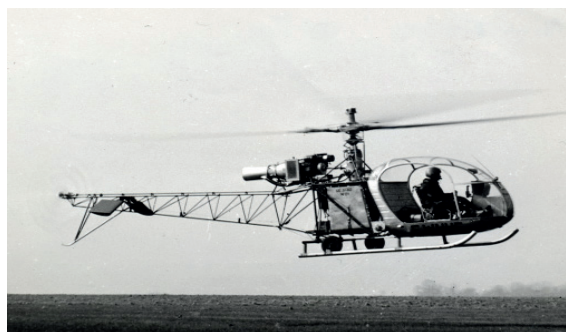
The A90B-100 without shackle used on BO105.

FUNCTIONS

Mounted under helicopter with specific interface Airbus Helicopters, it can carry loads from 5kg to 2500kg (11 to 4409.3 lb).

The different types of hook open :

- Normal release by electric control on the pilot's stick.
- Emergency release by mechanical command on the pilot's "collective" stick.
- Manual opening by trigger on the unloader.



The technical data contained in this document are for information only and subject to modification. 1/07/2022