



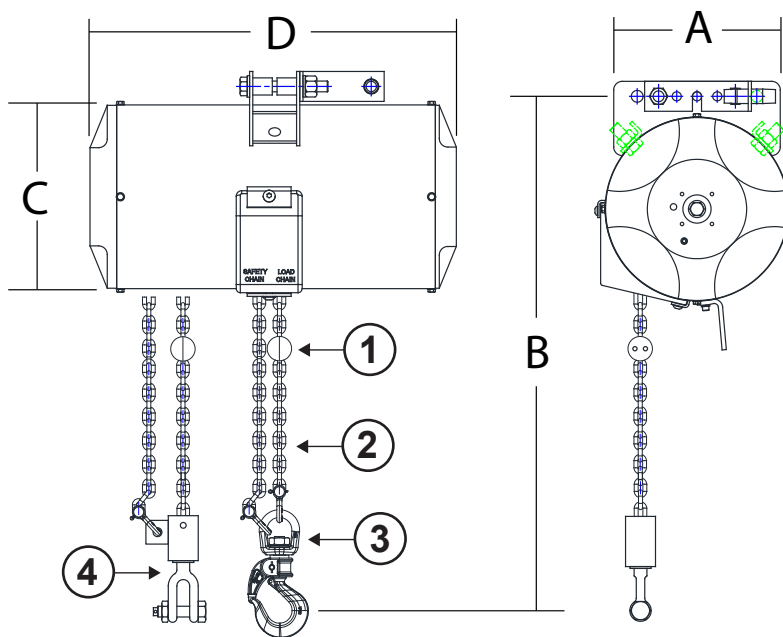
KBC "SDS" Pneumatic Chain Balancer



Patent No.
10,099,904

Knight Global's NEW Safety Drop Stop "SDS" Pneumatic Balancer is the safest balancer in the world. It is designed to prevent a hoisted load from dropping in the event that the primary chain fails. Knight's "SDS" Pneumatic Balancer prevents potential injuries to your operating personnel.

Balancers are used in applications where a "float" condition is beneficial. Float allows for the hands-free final positioning of an object. The up/ down speed of an air balancer is quicker when compared to a hoist and allows for a "feathering" operation when locating the load.



| KBC "SDS" CHAIN SERIES SPARE PARTS | | | |
|------------------------------------|-----|---------|------------------------|
| DET | QTY | PART # | DESCRIPTION |
| 4 | 1 | BPA2410 | CHAIN SHACKLE ASSEMBLY |
| 3 | 1 | BPA2020 | CABLE HOOK ASSEMBLY |
| 2 | 1 | | DUAL CHAIN KIT |
| 1 | 1 | BPA2009 | TRAVEL LIMIT INDICATOR |

Formula for Air Balancer sizing:

Example: plant air 80 psi, 350 air balancer, 80% load capability (0.80 air supply x 350 lbs. = 280 x .80 = 224 lbs. load capability).

| MODEL # | Rated at 100 PSI | | TRAVEL in [mm] | (A) in [mm] | (B) (min.) in [mm] | (C) in [mm] | (D) in [mm] | UNIT WEIGHT lbs [kg] |
|-------------|-------------------------------|--|-------------------|----------------|--------------------------|----------------|----------------|-------------------------|
| | RATED CAPACITY lbs [kg] | | | | | | | |
| KBA250S-054 | 250 [113] | | 54 [1,371] | 8 1/2 [215] | 18 1/4 [463] | 6 1/2 [165] | 20 3/4 [527] | 76.0 [34] |
| KBA500S-084 | 500 [227] | | 84 [2,133] | 9 3/4 [248] | 22 1/2 [571] | 10 3/4 [273] | 21 13/16 [554] | 112.0 [51] |
| KBA700S-054 | 700 [318] | | 52 [1,321] | 9 3/4 [248] | 22 1/2 [571] | 10 3/4 [273] | 21 13/16 [554] | 91.0 [41] |

** Knight recommends the use of high performance, extreme pressure, anti-wear food grade penetrating oil that penetrates and lubricates cable and all types of moving parts. (Lubriplate® 1241 Recommended)

For more information, please contact a Knight Global representative.

