

NVAB Series

NOVA AIR BALANCER



Safety

- Operated by compressed air as the power source, with spark-free operation.
- Equipped with an air cut-off protection function, even if the air supply is suddenly cut off, the heavy object will not fall.
- Features an overload protection function, which prevents lifting weights exceeding the rated load. - Built-in centrifugal braking function to prevent sudden rapid ascent caused by miss operation.

Efficient

- It has a fast rising and falling speed, with the fastest speed reaching 1 meter per second.
- It features an infinite variable speed function, which allows for free control of the rising speed according to the weight lifted.

Precision

Equipped with an adaptive "floating" function, when the components are lifted, they are in a "zero-gravity" state, which facilitates precise positioning for easy assembly assistance.

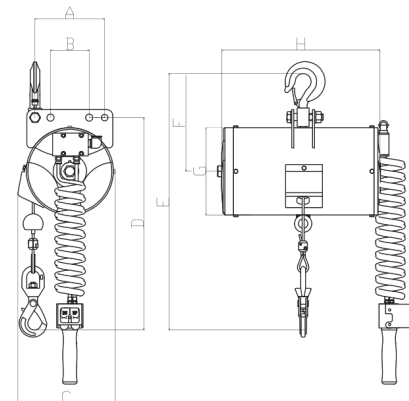
Energy-saving.

Ultra-low air consumption, with an average consumption of about 0.21 m³/h per working cycle, which is 1/50 of the air consumption of a pneumatic hoist. Clean and oil-free operation, with only internal pre-lubrication for long-term use. Compact in size and noiseless.



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Technical Data

- Working standard pressure: 0.7 MPa. The actual lifting capacity is mainly determined by the input pressure. For every 0.1 MPa decrease in input pressure, the actual lifting capacity decreases by 10%.
- For lifting applications, the load is recommended not to exceed 90% of the working lifting capacity.
- The load includes the weight of the workpiece and the weight of the clamping device.
- If there are any special requirements, please contact us.

Remark:
Model NV-AB 100-28
 NV=Nova
 AB=Air Balancer
 100= Capacity 100kg
 28= 2800mm hook path

Model	S.W.L. kg	Hook Path mm	Hoist Speed m/min	ACCM m³/h	Num. of falls	Net Weight kg
NV-AB58-18	58	1800	60	0.18	1	21
NV-AB100-20	100	2000	35	0.20	1	27
NV-AB100-28	100	2800	35	0.21	1	47
NV-AB158-20	158	200	25	0.21	1	47
NV-AB228-20	228	2000	20	0.25	1	52
NV-AB300-20	300	2000	15	0.30	1	65

Dimensions

ModLI	S.W.L. kg	Dimensions (mm)							
		A	B	C	D	E	F	G	H
NV-AB58-18	58	154	108	171	480	589	212	160	396
NV-AB100-20	100	180	114	228	500	609	242	218	396
NV-AB100-28	100	182	114	273	575	684	264	260	397
NV-AB158-20	158	182	114	273	575	684	264	260	397
NV-AB228-20	228	218	134	320	615	724	289	309	406
NV-AB300-20	300	218	134	365	690	799	326	368	406

Performance

- Standard "floating" mode, with an up and down range of 400mm, built-in centrifugal brake function.
- Pneumatic cut-off protection function.
- Overload protection function.
- Infinite speed variation function.
- Adjustable button clutch function.