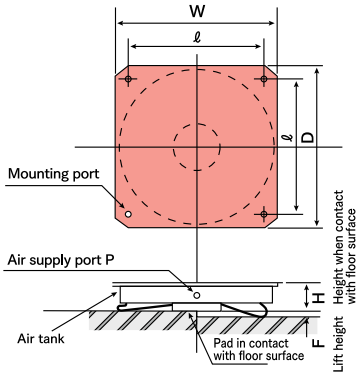
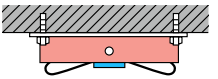
Air cassettes

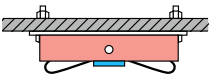


When landing (diaphragm deflated) When floating (diaphragm inflated)

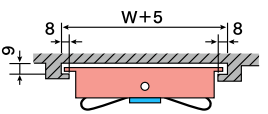
* PB-0036 and PC-0036 differ in shape from the other types.



Secured with bolt from underneath

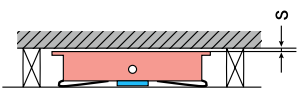


Secured with nut and bolt



Insert into guide

* The air cassette can be safely inserted and removed by jacking up the load by approx. 10 mm.



Insert using wood blocks

* Make sure the gap S is half of the lift height or less.

Standard type		Medium pressure type		External dimensions (mm)			Mounting hole diameter (mm)	Mounting bolt size (mm)	Height when contact with floor surface H	Lift height F (mm)	Air supply port diameter d (Rc)	Air consumption Q (Nm³/min)	Weight (kg)
Type (0.15Mpa)	Capacity (kN)	Type (0.25Mpa)	Capacity (kN)	W	D	ℓ							
PB-0006	2.3 (230 kg)	–	–	240	240	180	φ7	M6	77	6	1/4	0.12	6
PB-0008	4.3 (430 kg)	–	–	210	210	170	φ9	M8	75	8	1/4	0.12	7
PB-0010	6.2 (620 kg)	–	–	290	290	220	φ9	M8	71	10	3/8	0.14	10
PB-0012	9.0 (900 kg)	–	–	330	330	260	φ9	M8	71	12	3/8	0.16	14
PB-0014	12.0 (1,200 kg)	PC-0014	20.0 (2,000 kg)	380	380	300	φ11	M10	71	14	3/8	0.18	17
PB-0017	19.0 (1,900 kg)	PC-0017	31.0 (3,100 kg)	460	460	360	φ11	M10	74	17	3/8	0.20	28
PB-0020	26.0 (2,600 kg)	PC-0020	43.0 (4,300 kg)	535	535	430	φ11	M10	73	20	1/2	0.25	39
PB-0024	34.0 (3,400 kg)	PC-0024	57.0 (5,700 kg)	670	630	560	φ11	M10	99	22	1/2	0.35	64
PB-0030	55.0 (5,500 kg)	PC-0030	90.0 (9,000 kg)	810	780	730	φ11	M10	103	22	1/2	0.45	97
PB-0036	80.0 (8,000 kg)	PC-0036	133.0 (13,300 kg)	1,040	940	1,000×860	φ13	M12	101	25	1/2	0.60	93

* Figures in ( ) in capacity columns are rough estimates.

1. Figures for air consumption (flow rate) and lift height assume the use of black steel plate for the floor surface.
2. Air consumption and lift height vary depending on the weight of the object being transported and the travel surface.
3. Resin-coated concrete or steel plating floor is recommended for the standard models.