

Dampping Optical Table

DRP Series Damping Vibration Isolation Optical Table



Naming rule:

DRP 06 - 06 (-K) (-304) (-316)

Series code:
DRP: Dual-frequency
damped vibration isolation
optical table

Tabletop length:
06: 600mm
09: 900mm
12: 1200mm
:

Tabletop width:
06: 600mm
09: 900mm
12: 1200mm
:

Tabletop structure:
None(default): Welded table
-K: Bonded trussed Honeycomb
table with individual cleaning
cup

Top surface material:
None(default): SUS430 stainless
steel
-304: working surface material is
SUS304 stainless steel
-316: working surface material is
SUS316 stainless steel

Features:

- The standard table top surface material is SUS430 (1Cr17) high magnetic conductivity stainless steel. In addition, SUS304 weak magnetic conductivity stainless steel, SUS316 extremely weak magnetic conductivity stainless steel are also available.
- Matte black processed, low reflection working surface.
- Integral welded frame, high rigidity and excellent stability.
- The side material is gray aluminum-plastic plate, beautiful and practical, and the four corners are covered with stainless steel plate.

Application:

- Suitable for the experimental scenes with high vibration isolation requirements and table stability. Such as precision mechanical movement, laser related experiments, millimeter wave radar, optical instruments, etc.

Specifications:

- Resonant frequency: $<6\sim 15\text{Hz}$
- Surface Flatness: $0.02\sim 0.05\text{mm}/600\text{mm} \times 600\text{mm}$
- Working surface: $4\sim 6\text{mm}$ thick stainless steel
- Bottom Skin: $4\sim 6\text{mm}$ thick carbon steel
- Overall thickness: 100/200/300mm
- Total Height(table top and supports): 800mm
Height adjustment: $-10\sim +15\text{mm}$
- Mounting hole grid: $25\text{mm} \times 25\text{mm}$
- Mounting hole to borders: 37.5mm
- Mounting hole: M6
- Weight: 100mm thickness: $120\text{Kg}/\text{m}^2$
200mm thickness: $140\text{Kg}/\text{m}^2$
300mm thickness: $167\text{Kg}/\text{m}^2$

Details:

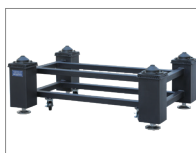
TypePdual
frequency damping
vibrationisolation



Height
adjustment
structure



Integral welded
frame



American colson
Silent caster (with
brake)



Accessories:

Wrench



Bullseye level

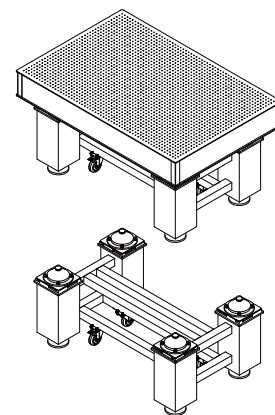
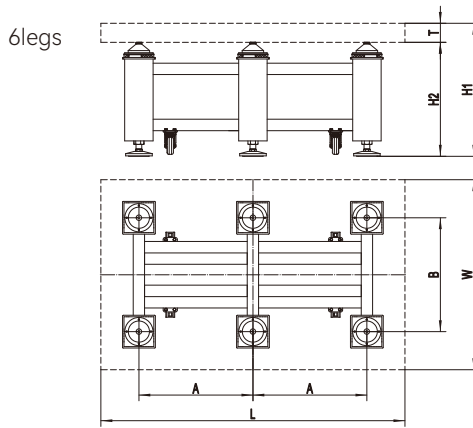
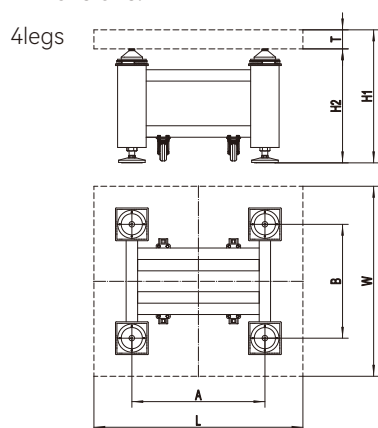


Selection Table:

Model	Size(mm)	Tabletop thickness(mm)	Tabletop weight(Kg)	Table Feet Area(mm)	Load capacity(Kg)	Notes
DRP06-06(-K)	600×600×800	100	43	120×120	600	4legs
DRP09-06(-K)	900×600×800	100	65	120×120	600	4legs
DRP10-08(-K)	1000×800×800	100	96	120×120	600	4legs
DRP12-06(-K)	1200×600×800	100	86	120×120	600	4legs
DRP12-08(-K)	1200×800×800	100	115	120×120	600	4legs
DRP12-09(-K)	1200×900×800	100	130	120×120	600	4legs
DRP12-12(-K)	1200×1200×800	100	173	120×120	600	4legs
DRP15-09(-K)	1500×900×800	200	189	200×200	1300	4legs
DRP15-10(-K)	1500×1000×800	200	210	200×200	1300	4legs
DRP15-12(-K)	1500×1200×800	200	252	200×200	1300	4legs
DRP15-15(-K)	1500×1500×800	200	315	200×200	1300	4legs
DRP18-09(-K)	1800×900×800	200	227	200×200	1300	4legs
DRP18-10(-K)	1800×1000×800	200	252	200×200	1300	4legs
DRP18-12(-K)	1800×1200×800	200	302	200×200	1300	4legs
DRP18-15(-K)	1800×1500×800	200	378	200×200	1300	4legs
DRP20-10(-K)	2000×1000×800	200	280	200×200	1300	4legs
DRP20-12(-K)	2000×1200×800	200	336	200×200	1300	4legs
DRP20-15(-K)	2000×1500×800	200	420	200×200	1300	4legs
DRP24-12(-K)	2400×1200×800	200	403	200×200	1300	4legs
DRP24-15(-K)	2400×1500×800	200	504	200×200	1300	4legs
DRP24-18*	2400×1800×800	200	605	200×200	1300	4legs
DRP30-12(-K)	3000×1200×800	300	601	200×200	1950	6legs
DRP30-15(-K)	3000×1500×800	300	752	200×200	1950	6legs
DRP30-18*	3000×1800×800	300	902	200×200	1950	6legs
DRP30-20*	3000×2000×800	300	1002	200×200	1950	6legs
DRP35-12	3500×1200×800	300	701	200×200	1950	6legs
DRP35-15	3500×1500×800	300	877	200×200	1950	6legs
DRP35-18*	3500×1800×800	300	1052	200×200	1950	6legs
DRP35-20*	3500×2000×800	300	1169	200×200	1950	6legs
DRP40-12	4000×1200×800	300	802	200×200	1950	6legs
DRP40-15	4000×1500×800	300	1002	200×200	1950	6legs
DRP40-18*	4000×1800×800	300	1202	200×200	1950	6legs
DRP40-20*	4000×2000×800	300	1336	200×200	1950	6legs
DRP45-15	4500×1500×800	300	1127	200×200	1950	6legs

Notes: Model without (-K), indicating no option for honeycomb bonded trussed tabletop with individual cleaning cup.

*Notes: If the tabletop width is larger than 1500mm (not included), the material of working surface is 1Cr13(410).

Dimensions:


Model	Size(mm)						
	L	W	A	B	T	H1	H2
DRP06-06(-K)	600	600	400	400	100	800	700
DRP09-06(-K)	900	600	600	400	100	800	700
DRP10-08(-K)	1000	800	700	600	100	800	700
DRP12-06(-K)	1200	600	900	400	100	800	700
DRP12-08(-K)	1200	800	900	600	100	800	700
DRP12-09(-K)	1200	900	900	600	100	800	700
DRP12-12(-K)	1200	1200	900	900	100	800	700
DRP15-09(-K)	1500	900	1100	600	200	800	600
DRP15-10(-K)	1500	1000	1100	700	200	800	600
DRP15-12(-K)	1500	1200	1100	900	200	800	600
DRP15-15(-K)	1500	1500	1100	1100	200	800	600
DRP18-09(-K)	1800	900	1200	600	200	800	600
DRP18-10(-K)	1800	1000	1200	700	200	800	600
DRP18-12(-K)	1800	1200	1200	900	200	800	600
DRP18-15(-K)	1800	1500	1200	1100	200	800	600
DRP20-10(-K)	2000	1000	1200	700	200	800	600
DRP20-12(-K)	2000	1200	1200	900	200	800	600

Model	Size(mm)						
	L	W	A	B	T	H1	H2
DRP20-15(-K)	2000	1500	1200	1100	200	800	600
DRP24-12(-K)	2400	1200	1400	900	200	800	600
DRP24-15(-K)	2400	1500	1400	1100	200	800	600
DRP24-18	2400	1800	1400	1200	200	800	600
DRP30-12(-K)	3000	1200	1100	900	300	800	500
DRP30-15(-K)	3000	1500	1100	1100	300	800	500
DRP30-18	3000	1800	1100	1200	300	800	500
DRP30-20	3000	2000	1100	1200	300	800	500
DRP35-12	3500	1200	1200	900	300	800	500
DRP35-15	3500	1500	1200	1100	300	800	500
DRP35-18	3500	1800	1200	1200	300	800	500
DRP35-20	3500	2000	1200	1200	300	800	500
DRP40-12	4000	1200	1600	900	300	800	500
DRP40-15	4000	1500	1600	1100	300	800	500
DRP40-18	4000	1800	1600	1200	300	800	500
DRP40-20	4000	2000	1600	1200	300	800	500
DRP45-15	4500	1500	1600	1100	300	800	500