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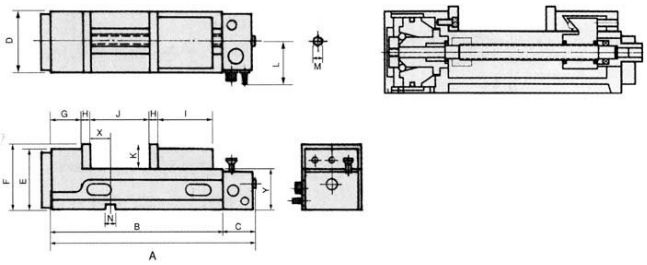
Product Brochure For V340

Safeway Pneumatic Production Vice - PQV-100V

100mm Jaw Width
105mm Jaw Opening



ORDER CODE:	V340
MODEL:	PQV-100V
D - Jaw Width (mm):	100
J - Jaw Opening (mm):	105
K - Jaw Height (mm):	48
Power (kgf):	0-1000
Air Pressure (kg/cm2):	1.5-7.0
Stroke (mm):	0-3
A (mm):	442
B (mm):	340
C (mm):	102
E (mm):	130
F (mm):	133
G (mm):	96
H (mm):	15
I (mm):	105
L (mm):	95
M (mm):	14
N (mm):	16
X (mm):	45
Y (mm):	85
Dimensions (L x W x H) (mm):	600 x 220 x 185
Nett Weight (kg):	27



Description

Designed for production applications with simple ON/OFF operation.

Features

- Robust construction of one piece casting consisting of fixed jaw and vise bed
- Rigid casting of high tensile ductile iron FCD60JIS (Equal to GGG60) with 60kgs/mm2 or 80,000 psi tensile strength
- Suitable for mass production runs on machine centre's, milling machines, drilling machines or special purpose machines
- Compact pneumatic mechanism design. No oil is required only a air supply
- Compact total length of vice with Max, clamping capacity
- Safety locking mechanism for unexpected termination of air supply. After pneumatic clamping. The work piece will be remain clamped firmly even without the air supply
- Easy and simple ON-OFF switch control for pneumatic operation
- Safety protection with Max. pneumatic clamping stroke is 4mm to prevent inserting operator's finger during clamping operation. (Stroke is 2mm best power capacity)
- Rapid ON-OFF only 1.5sec
- Free adjusting of Max. pneumatic clamping pressure from 0-1000kgf (4000) by air regulator, jaw opening 2mm is best clamping power capacity of workpiece
- Vise bed flame hardened to HRC45° to reduce up wear and maintain accuracy
- Down trust "semi-spherical segment" mechanism eliminates the jaw and work-piece lifting

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NO	TEST REPORT	JIS grade 1.	GUARANTEED
1	Both jaw plate parallel	0.020 100mm	0.020 100mm
2	Keyways on bottom of vise bed square to clamping surface of jaw plate.	0.020 100mm	0.015 100mm
3	Vise side-lock on bottom to slide way square.	0.020 100mm	0.010 100mm
4	Surface of vise bed parallel to bottom of vise body.	0.020 100mm	0.010 100mm
5	Top of rectangular test block clamped tightly by jaw parallel to bottom of vise body	0.030 100mm	0.020 100mm
6	Max. opening test block parallel to bottom of vise body.	0.050 100mm	0.030 100mm

