

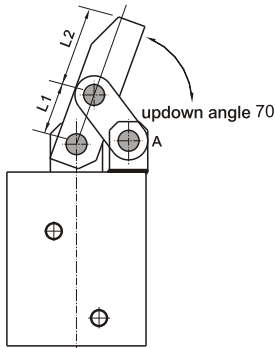
OS4



Feature

- Based on the lever theory, OS4 product is designed to clamp objects while the piston is pushed up.
- The supporter of the clamp arm is well designed to prevent any shaking of the supporter.

Theoretical force

	bore (mm)	rod (mm)	pressed area (cm ²)	70kgf/cm ²		140kgf/cm ²	
				output (kgf)	clamp (kgf)	output (kgf)	clamp (kgf)
	32	20	8.0	560	370	1120	740
	40	22.4	12.6	880	540	1764	1090
	50	28	19.6	1373	870	2744	1750

$$F = \frac{f \times L_1}{L_2}$$
 F : clamp force (kgf)
 f : output (kgf)
 L₁ : distance between pilot point and push point
 L₂ : distance between pilot point and clamp point

Spec.

bore(mm)	32	40	50
acting	double acting		
swivel direction	up & down		
clamp stroke(mm)	25	30	35
fluid	oil mineral		
max. working pressure (kgf/cm ²)	70 , 140		

GENTLE AUTOMATIC SOLUTION SDN BHD

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Order form

OS4 — 32 — M
 ① ②

OS4 : lever clamp cylinders		
①	bore(mm)	32、40、50
②	input port	(1)space : standard position(body side) (2)m : bottom side

External dimensions

