

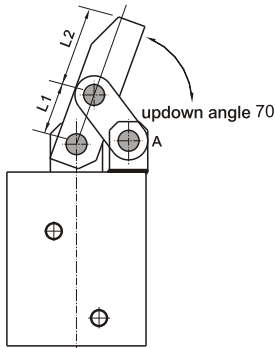
OS4



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

 $F = \frac{f \times L_1}{L_2}$ F : clamp force (kgf) f : output (kgf) L ₁ : distance between pilot point and push point L ₂ : distance between pilot point and clamp point	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

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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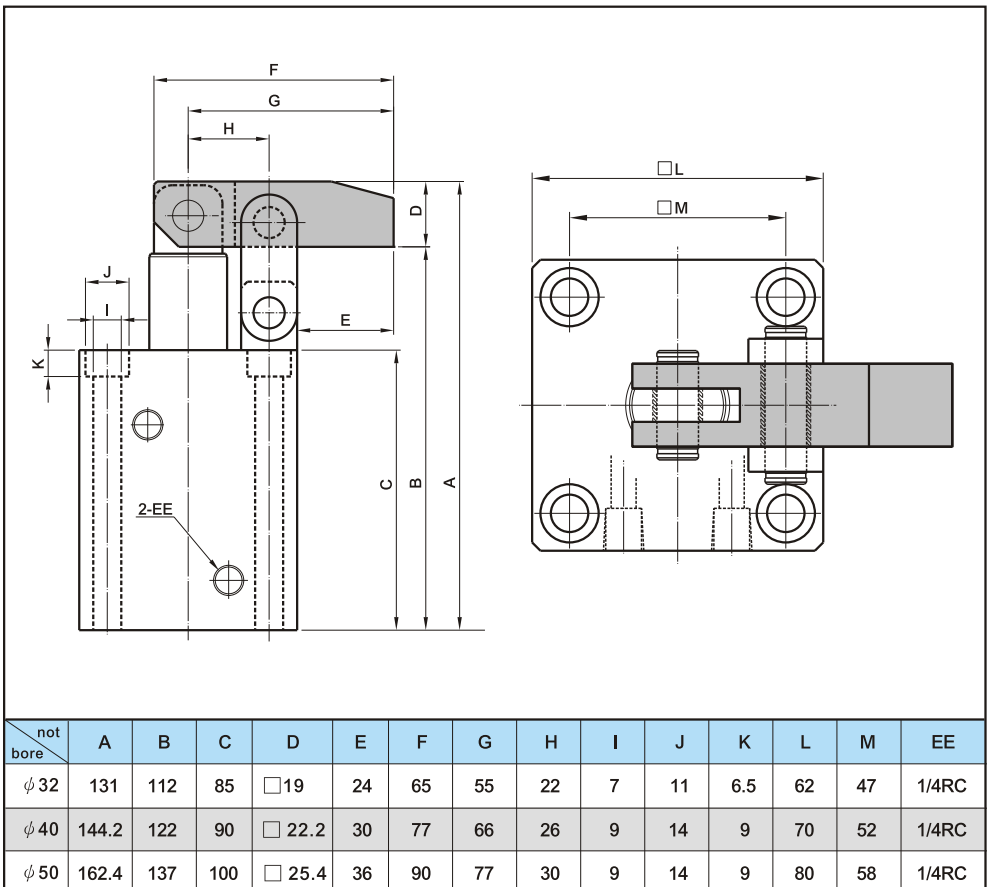
email:sales@gentle.com.my

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



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