

Specifications

MODEL NO.		G2540	G3248	G4058	G5070	G80105
Cylinder Bore		ø25	ø32	ø40	ø50	ø80
Locking cylinder area	cm ²	4.9	8.03	12.56	19.62	50.3
Clamping Force (calculation formula)	(kN)	$F = \frac{6.77XP}{L-16}$	$F = \frac{15.96XP}{L-18.5}$	$F = \frac{22.38XP}{L-20.5}$	$F = \frac{35.75XP}{L-26}$	$F = \frac{199.05XP}{L-46}$
Full stroke	mm	20.7	23.8	28.5	32.2	49
Lock stroke	mm	17.5	20.6	25.3	29	45.8
Stroke allowance	mm	3.2	3.2	3.2	3.2	3.2
Cylinder capacity cm ³	at locked	10.15	19.13	35.79	63.19	246.3
	at released	6.95	15.93	32.59	59.99	242.97
Maximum operating pressure	MPa	7				
Minimum operating pressure	MPa	1				
Max. rated pressure	MPa	10.5				
Use pressure	°C	0~70				
Weight	kg	0.65	2.7	4.1	6.8	11.5

Remarks:— 1) F—Clamping force (kN), P—Hydraulic supply pressure, L—distance between the piston center and the clamping point (mm)
 2) Minimum pressure to operate the clamp with no load.
 3) Mass means that of the individual clamp with the link lever excluded.

Performance Cureve

Cylinder performance:—

