

PASCAL[®] SLIDE LOCK SYSTEM

For Safety
Maintenance



Holding Capacity

MODEL SLA32

314kN{ 35USton }

MODEL SLA50

490kN{ 55USton }

MODEL SLA80

780kN{ 88USton }

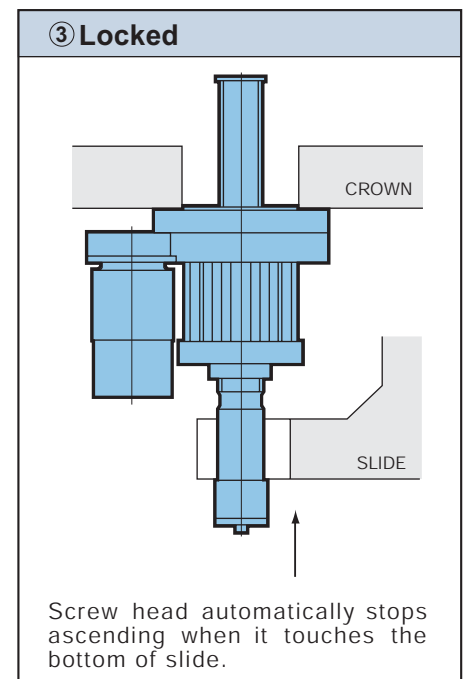
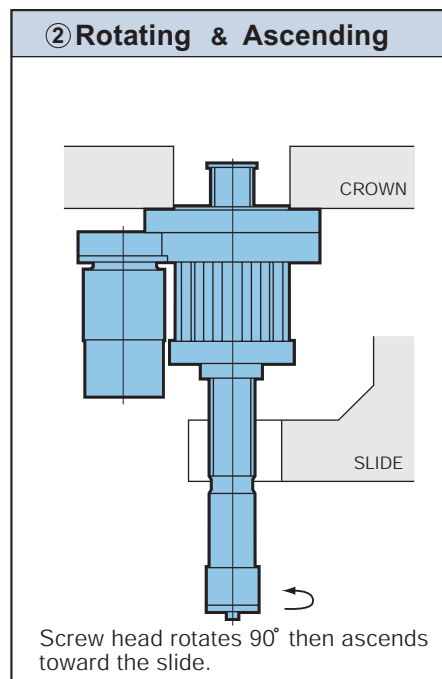
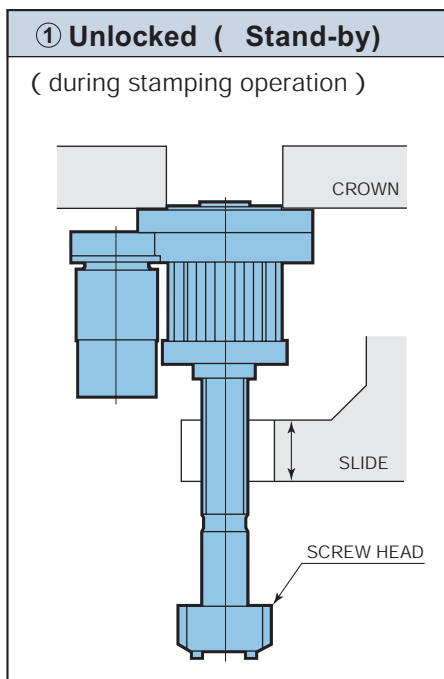
Pascal
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PASCAL SLIDE LOCK SYSTEM

PASCAL Slide Lock System has been particularly designed for a stamping machine and die. It is the essential device for safety maintenance works.

Securely locking the press slide at the random position between T.D.C. and B.D.C., Slide Lock System prevents a physical injury to people or damage to dies.

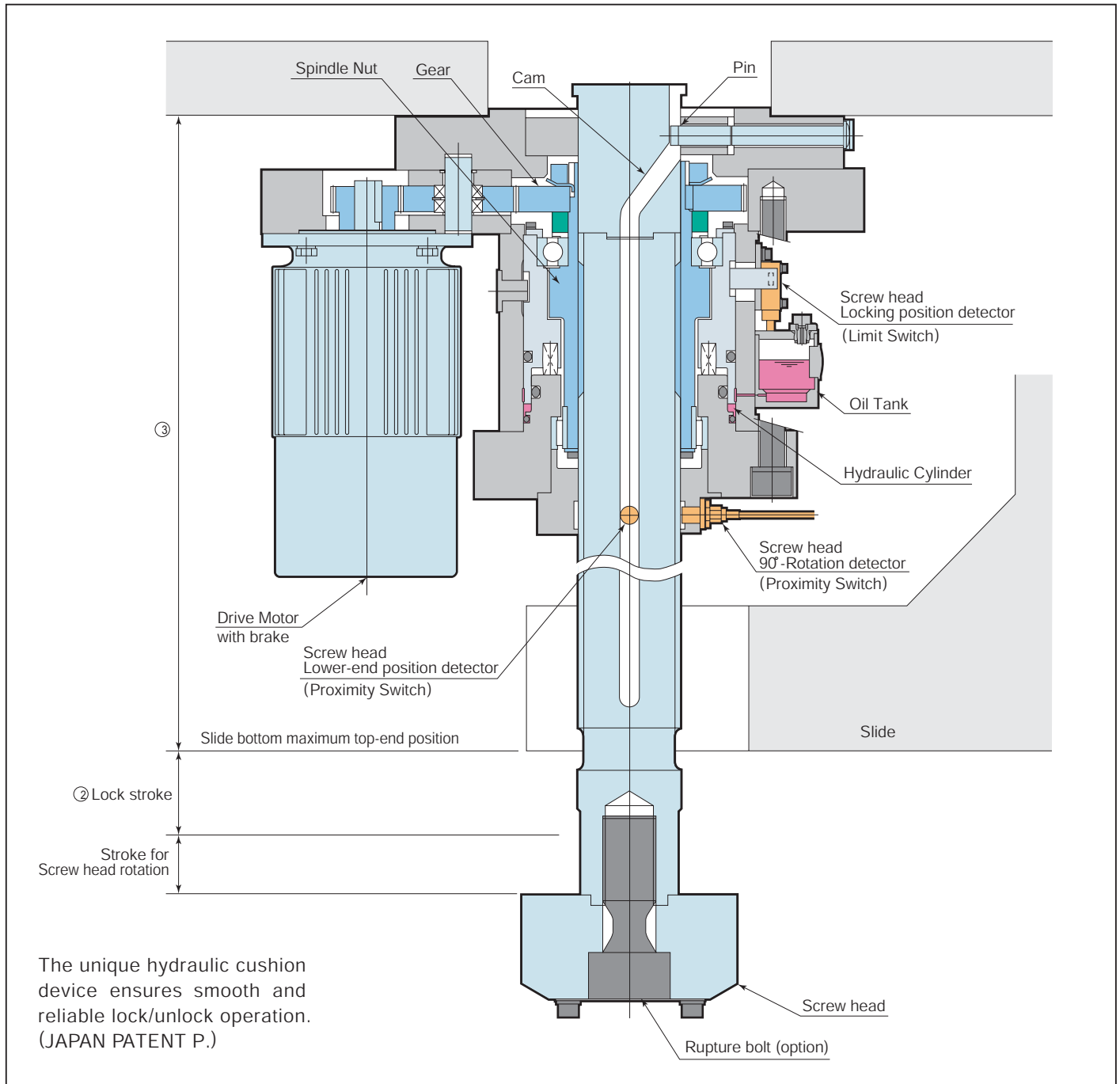


■ Specifications

②③: Refer to the drawings on the following pages.

Model No.	SLA32	SLA50	SLA80
Holding Capacity	314kN{ 35.3USton }	490kN{ 55.1USton }	784kN{ 88.2USton }
Overall stroke	②+65mm{ 2.56in. }	②+75mm{ 2.95in. }	②+95mm{ 3.74in. }
Lock Stroke	200 ~ 1350mm{ 7.87 ~ 53.15in. }	200 ~ 1600mm{ 7.87 ~ 62.99in. }	
Traveling Speed	90mm/ꝯ{ 0.30ft/s }{50Hz} 108mm/ꝯ{ 0.35ft/s }{60Hz}		
Motor (3ph, 400V, 50/60Hz, with brake)	0.75kW	1.5kW	
Tension Fracture (Rupture-bolted type)	————	735kN{ 82.7USton }	1170kN{ 132.3USton }
Working Ambient Temparture	0 ~ 40		
Net Mass (②,③ : mm) (②,③ : inch)	0.025 × (②+③) + 120kg 1.400 × (②+③) + 265lb	0.04 × (②+③) + 180kg 2.24 × (②+③) + 397lb	0.06 × (②+③) + 260kg 3.36 × (②+③) + 573lb

Structure



Class Designation

SLA ① - ② - ③ - ④ example : SLA50-420-660-D

① Holding capacity

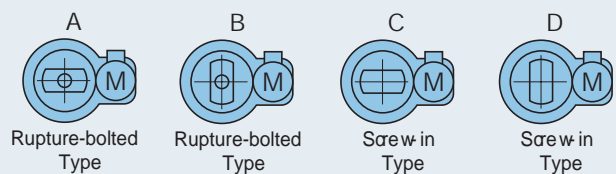
- 32 : 314 kN { 35USTon }
- 50 : 490 kN { 55USTon }
- 80 : 784 kN { 88USTon }

② Lock stroke (② on above drawing)

③ Distance from mounting surface to the slide bottom at maximum top-end position (③ on above drawing)

For the detail of ② and ③, refer to the outline dimension drawing on the last page.

④ Direction of screw head and type (Only C and D type available for SLA32)

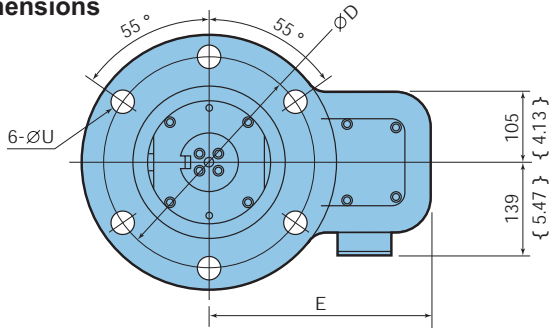


The above drawing indicates the direction of screw head at Lower-end position.

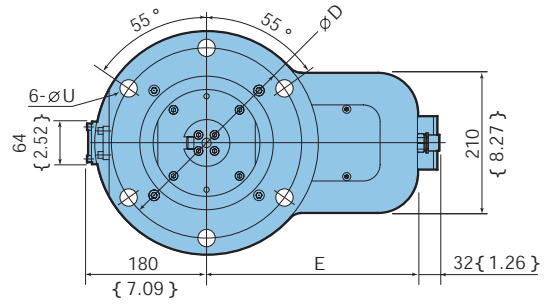
PASCAL SLIDE LOCK SYSTEM MODEL SLA

Outline Dimensions

Unit: mm { in. }

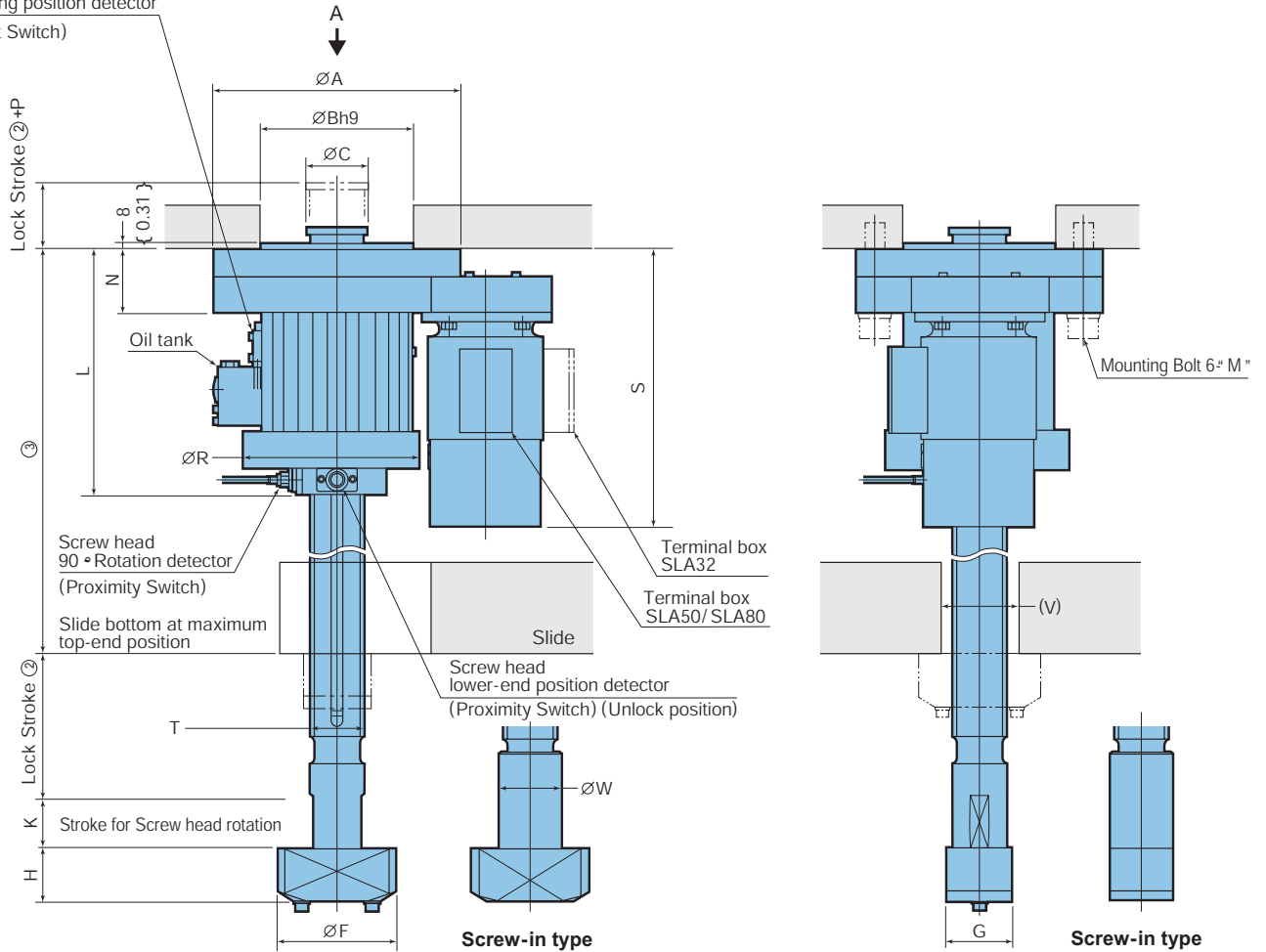


View A (SLA50/SLA80)



View A (SLA32)

Screw head
Locking position detector
(Limit Switch)



Screw-in type

Screw-in type

DIMENSIONS

MODEL		A	B	C	D	E	F	G	H	K		+	L	M	N	P	R	S	T	U	V	W	
SLA32	mm	335	200	70	285	316	170	80	60	65	200~1350	600~1200	max.2300	361	M24	95	98	252	419	Tr 60 x 9	26	100	79
	in	13.19	7.87	2.76	11.22	12.44	6.69	3.15	2.36	2.56	7.87~53.15	23.62~47.24	max.90.55	14.21		3.74	3.86	9.92	16.50		1.02	3.94	3.11
SLA50	mm	380	230	90	320	332	190	100	80	75	200~1600	600~1500	max.2480	376	M30	100	108	282	428	Tr 80 x 10	32	120	99
	in	14.96	9.06	3.54	12.60	13.07	7.48	3.94	3.15	2.95	7.87~62.99	23.62~59.06	max.97.64	14.80		3.94	4.25	11.10	16.85		1.26	4.72	3.90
SLA80	mm	450	270	110	380	353	210	120	100	95	200~1600	600~1500	max.2600	400	M36	110	128	324	438	Tr 100 x 12	40	140	119
	in	17.72	10.63	4.33	14.96	13.90	8.27	4.72	3.94	3.74	7.87~62.99	23.62~59.06	max.102.36	15.75		4.33	5.04	12.76	17.24		1.57	5.51	4.69

630 ~ 1500 mm for SLA80-C/D type.

Specifications are subject to change without prior notice.

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Pascal
corporation

10 Konoike-kaidoshita, Itami, Hyogo 664-8502, Japan

TEL.(072)777-3333 FAX.(072)777-3520



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