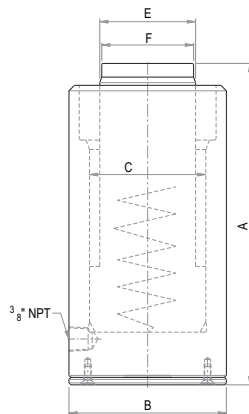


ALUMINIUM GENERAL PURPOSE JACKS - Single Acting Plain Ram, Spring Return



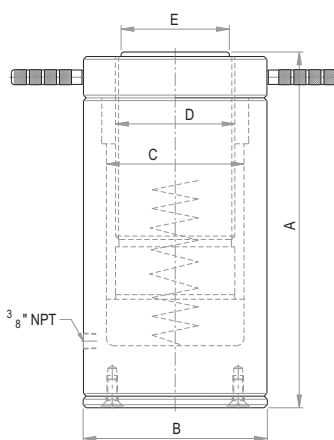
FEATURES :

- ▶ High strength, light metal Aluminium alloy body for longevity.
- ▶ Bore is roller burnished for work hardened smooth surface.
- ▶ Sliding part, i.e. the ram is hard anodized for scratch resistance.
- ▶ 50% lighter weight than a steel jacks
- ▶ 5000 duty cycles
- ▶ Used in horizontal & vertical directions
- ▶ Suits general lifting applications
- ▶ Composite guide rings at piston & gland nut facilitate to use in all directions when centrally loaded
- ▶ All sub assemblies anodized
- ▶ Base mounting holes are optional

TECHNICAL SPECIFICATION

Model No.	Capacity (Ton)	Stroke (mm)	Effective Area (cm ²)	Oil Capacity (CC)	Collapsed Height (A) (mm)	Cylinder OD (B) (mm)	Bore Dia. (C) (mm)	Ram Dia. (D) (mm)	Saddle Dia. (E) (mm)	Weight (Kgs.)
PASG 30-100	30	100	44.2	442	240	100	75	60	58	5
PASG 30-150	30	150	44.2	663	290	100	75	60	58	6
PASG 50-100	50	100	78.5	785	250	135	100	80	78	9
PASG 50-150	50	150	78.5	1178	300	135	100	80	78	10.5
PASG 100-100	100	100	153.9	1589	280	190	140	110	108	20
PASG 100-150	100	150	153.9	2309	330	190	140	110	108	23
PASG 150-100	150	100	227.0	2270	300	230	170	140	138	33
PASG 150-150	150	150	227.0	3405	350	230	170	140	138	38
PASG 200-100	200	100	314.2	3142	320	270	200	160	158	45
PASG 200-150	200	150	314.2	4713	370	270	200	160	158	51

ALUMINIUM GENERAL PURPOSE JACKS - Threaded Ram with Safety Lock Nut Single Acting, Spring Return



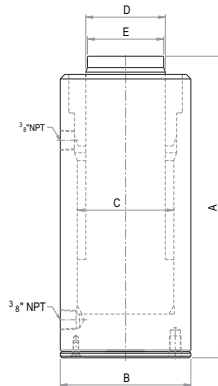
FEATURES :

- ▶ High strength, light metal Aluminium alloy body for longevity.
- ▶ Bore is roller burnished for work hardened smooth surface.
- ▶ 50% lighter weight than a steel jack
- ▶ 5000 duty cycles
- ▶ Used in horizontal & vertical directions
- ▶ Composite guide rings at piston & gland nut facilitate to use in all directions when centrally loaded
- ▶ All sub assemblies anodized
- ▶ Base mounting holes are optional
- ▶ Ideally suited for application requiring sustained load holding
- ▶ Suits general lifting applications

TECHNICAL SPECIFICATION

Model No.	Capacity (Ton)	Stroke (mm)	Effective Area (cm ²)	Oil Capacity (CC)	Collapsed Height (A) (mm)	Cylinder OD (B) (mm)	Bore Dia. (C) (mm)	Ram Dia. (D) (mm)	Saddle Dia. (E) (mm)	Weight (Kgs.)
PAST 30-150	30	150	44.2	663	305	100	75	60	55	6.5
PAST 50-150	50	150	78.5	1178	325	135	100	80	75	13
PAST 100-150	100	150	153.9	2309	370	190	140	110	103	29
PAST 150-150	150	150	227.0	3405	400	230	170	140	133	44
PAST 200-150	200	150	314.2	4713	425	270	200	150	152	64

ALUMINIUM GENERAL PURPOSE JACKS - Double Acting Plain Ram, Oil Return



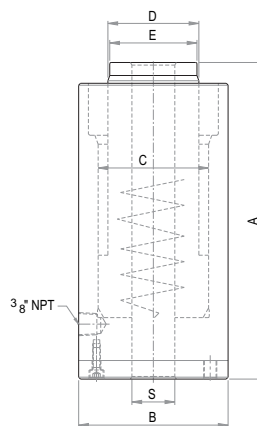
FEATURES :

- ▶ High strength, light metal Aluminium alloy body for longevity.
- ▶ Bore is roller burnished for work hardened smooth surface.
- ▶ All sub assemblies anodized
- ▶ 50% lighter weight than a steel jack
- ▶ 5000 duty cycles
- ▶ Suits most of the general lifting & push-pull applications
- ▶ Safety Pressure Relief valve in return port prevents damage, in case of accidental over-pressurization due to blockage in return line

TECHNICAL SPECIFICATION

Model No.	Capacity (Ton)	Stroke (mm)	Effective Area (cm ²)	Oil Capacity (CC)	Collapsed Height (A) (mm)	Cylinder OD (B) (mm)	Bore Dia. (C) (mm)	Ram Dia. (D) (mm)	Saddle Dia. (E) (mm)	Weight (Kgs.)
PADG 30-150	30	150	44.2	663	335	100	75	55	53	7
PADG 50-150	50	150	78.5	1178	350	135	100	70	67	12.5
PADG 100-150	100	150	153.9	2309	375	190	140	110	106	27
PADG 150-150	150	150	227.0	3405	390	230	170	140	137	41
PADG 200-150	200	150	314.2	4713	415	270	200	150	146	58

ALUMINIUM HOLLOW RAM JACKS - Single Acting Plain Ram, Spring Return



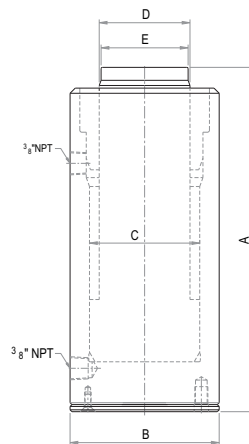
FEATURES :

- ▶ High strength, light metal Aluminium alloy body for longevity.
- ▶ Bore is roller burnished for work hardened smooth surface.
- ▶ All sub assemblies anodized
- ▶ 50% lighter weight than a steel jack
- ▶ 5000 duty cycles
- ▶ As hydraulic puller with mechanical fixtures
- ▶ Removal & assembly of pins, bushes, bearings, sprockets, gears & general maintenance
- ▶ Threaded stud & saddle optional
- ▶ Anchorage / Re-bar Testing

TECHNICAL SPECIFICATION

Model No.	Capacity (Ton)	Stroke (mm)	Effective Area (cm ²)	Oil Capacity (CC)	Collapsed Height (A) (mm)	Cylinder OD (B) (mm)	Bore Dia. (C) (mm)	C hole Dia. (S) (mm)	Ram Dia. (D) (mm)	Saddle Dia. (E) (mm)	Weight (Kgs.)
PASH 303	30	75	50.3	377	235	130	100	33	80	78	11
PASH 304	30	100	50.3	503	260	130	100	33	80	78	12
PASH 306	30	150	50.3	754	310	130	100	33	80	78	13.5
PASH 503	50	75	78.5	589	250	165	125	42	100	97	15.5
PASH 504	50	100	78.5	785	275	165	125	42	100	97	17
PASH 506	50	150	78.5	1178	325	165	125	42	100	97	19.5
PASH 603	60	75	90.3	677	260	190	140	54	120	117	21
PASH 604	60	100	90.3	903	285	190	140	54	120	117	23
PASH 606	60	150	90.3	1355	335	190	140	54	120	117	26
PASH 1003	100	75	155.7	1168	285	245	185	77	150	146	38
PASH 1004	100	100	155.7	1557	310	245	185	77	150	146	41
PASH 1006	100	150	155.7	2336	360	245	185	77	150	146	46

ALUMINIUM HOLLOW RAM JACKS - Double Acting Plain Ram, Oil Return



FEATURES :

- ▶ High strength, light metal Aluminium alloy body for longevity.
- ▶ All sub assemblies anodized
- ▶ 50% lighter than a steel jack
- ▶ 5000 duty cycles
- ▶ Safety Pressure Relief valve in return port prevents damage, in case of accidental over-pressurization due to blockage in return line
- ▶ As hydraulic pullers with mechanical fixtures for removing & assembling bearing bushes, pins, cylinder liners, tube pullers of boilers / heat exchangers & gears of machinery
- ▶ As Bar & pre-stressing jacks at construction sites
- ▶ Anchorage / Re-bar Testing
- ▶ Safety Pressure Relief valve in return port
- ▶ Threaded stud & saddle optional

TECHNICAL SPECIFICATION

Model No.	Capacity (Ton)	Stroke (mm)	Effective Area (cm ²)	Oil Capacity (CC)	Collapsed Height (A) (mm)	Cylinder OD (B) (mm)	Bore Dia. (C) (mm)	C, hole Dia. (S) (mm)	Ram Dia. (D) (mm)	Saddle Dia. (E) (mm)	Weight (Kgs.)
PADH 303	30	75	44.2	331	270	115	85	33	65	62	7.5
PADH 304	30	100	44.2	442	295	115	85	33	65	62	8.2
PADH 306	30	150	44.2	663	345	115	85	33	65	62	9.2
PADH 503	50	75	75.4	566	280	150	110	42	90	87	14.5
PADH 504	50	100	75.4	754	305	150	110	42	90	87	15.5
PADH 506	50	150	75.4	1131	355	150	110	42	90	87	17.5
PADH 603	60	75	89.5	672	295	170	125	54	100	97	19
PADH 604	60	100	89.5	895	320	170	125	54	100	97	20
PADH 606	60	150	89.5	1343	370	170	125	54	100	97	22.5
PADH 1003	100	75	142.9	1072	330	225	165	77	135	130	36
PASH 1004	100	100	142.9	1429	355	225	165	77	135	130	38.5
PASH 1006	100	150	142.9	2144	405	225	165	77	135	130	43

INTEGRAL JACKS - (Inbuilt Pump)



FEATURES :

- ▶ Body Construction : Graded steel
- ▶ Complete Jack is serviceable
- ▶ Pumping handle included with all models
- ▶ Built-in factory set Safety relief valve to prevent over load
- ▶ Ground & plated plungers
- ▶ Low handle effort reduces operator fatigue.

TECHNICAL SPECIFICATION

Model No.	Capacity (Ton)	Stroke (mm)	Additional Screw Extension (mm)	Collapsed Height (A) (mm)	Extended Height (B) (mm)	Bottom plate size (C) (mm)	Ram Dia. (D) (mm)	Saddle Dia. (E) (mm)	Saddle Max. Tilt Angle	Weight (Kgs.)
PIJ-106	10	150	100	240	390	130 x 160	45	35	5°	18
PIJ-206	20	150	110	275	430	160 x 180	55	50	5°	22.5
PIJ-306	30	150	120	285	435	170 x 200	65	60	5°	30
PIJ-506	50	150	120	300	450	210 x 245	85	74	5°	48