

SINGLE ACTING PLAIN RAM HYDRAULIC CYLINDERS



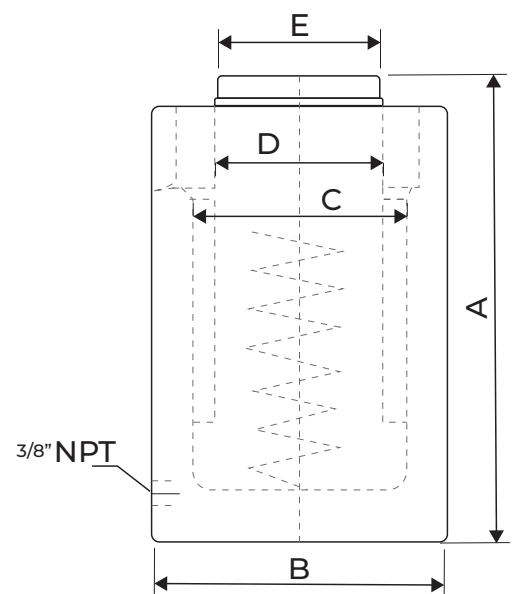
CAPACITY	5 to 2000 tons
TYPE	Single-acting with spring return
STROKE	Multiple options available
PRESSURE RATING	Up to 700 bar (10,000 psi)
BUILD	High-strength alloy steel with corrosion-resistant finish

FEATURES:

- Quick spring retraction
- Hardened piston rod
- Compact, rugged design
- Overload and dust protection

APPLICATIONS:

- Lifting
- Pressing
- Pushing
- Pulling
- Alignment in heavy-duty operations



TECHNICAL SPECIFICATIONS

Model	Capacity (ton)	Stroke (mm)	Closed height A (mm)	Cylinder OD B (mm)	Bore dia. C (mm)	Ram dia. D (mm)	Wt. (Approx.) (kg)
OHJ 5-50	5	50	135	45	32	25	1.3
OHJ 5-100	5	100	185	45	32	25	1.8
OHJ 5-150	5	150	235	45	32	25	2.3
OHJ 10-50	10	50	135	60	45	35	2.4
OHJ 10-100	10	100	185	60	45	35	3.2
OHJ 10-150	10	150	235	60	45	35	4
OHJ 10-200	10	200	285	60	45	35	4.7
OHJ 15-50	15	50	140	70	55	45	4.4
OHJ 15-100	15	100	190	70	55	45	5.4
OHJ 15-150	15	150	240	70	55	45	6.4
OHJ 15-200	15	200	290	70	55	45	7.4
OHJ 20-50	20	50	145	80	63	50	4.8
OHJ 20-100	20	100	195	80	63	50	6
OHJ 20-150	20	150	245	80	63	50	7.4
OHJ 20-200	20	200	295	80	63	50	8.6
OHJ 25-50	25	50	155	90	70	55	6.7
OHJ 25-100	25	100	205	90	70	55	8.4
OHJ 25-150	25	150	255	90	70	55	10
OHJ 25-200	25	200	305	90	70	55	11.8
OHJ 30-50	30	50	160	100	75	60	9
OHJ 30-100	30	100	210	100	75	60	11.5
OHJ 30-150	30	150	260	100	75	60	13.5
OHJ 30-200	30	200	310	100	75	60	15.5
OHJ 50-50	50	50	175	130	100	80	15.5
OHJ 50-100	50	100	225	130	100	80	19
OHJ 50-150	50	150	275	130	100	80	22.5
OHJ 50-200	50	200	325	130	100	80	26.5
OHJ 75-50	75	50	180	155	120	95	22
OHJ 75-100	75	100	230	155	120	95	27
OHJ 75-150	75	150	280	155	120	95	33
OHJ 75-200	75	200	330	155	120	95	38
OHJ 100-50	100	50	185	180	140	110	30
OHJ 100-100	100	100	235	180	140	110	37.5
OHJ 100-150	100	150	285	180	140	110	44.5
OHJ 100-200	100	200	335	180	140	110	52
OHJ 150-50	150	50	200	220	170	140	54

OHJ 150-100	150	100	1250	220	170	140	65
OHJ 150-150	150	150	300	220	170	140	76
OHJ 200-50	200	50	215	255	200	160	71
OHJ 200-100	200	100	265	255	200	160	86.5
OHJ 200-150	200	150	315	255	200	160	102
OHJ 250-100	250	100	270	280	220	180	109
OHJ 250-150	250	150	320	280	220	180	126
OHJ 250-200	250	200	370	280	220	180	143
OHJ 300-100	300	100	285	310	240	200	141
OHJ 300-150	300	150	335	310	240	200	164
OHJ 300-200	300	200	385	310	240	200	187
OHJ 400-100	400	100	315	350	270	220	190
OHJ 400-150	400	150	365	350	270	220	217
OHJ 400-200	400	200	415	350	270	220	243
OHJ 500-100	500	100	365	400	300	250	270
OHJ 500-150	500	150	415	400	300	250	306
OHJ 500-200	500	200	465	400	300	250	343

CUSTOM SIZES & MOUNTING OPTIONS AVAILABLE

SINGLE ACTING PLAIN RAM- LOAD RETURN CYLINDER

CAPACITY	600 to 2000 tons
TYPE	Single-acting, load-return
STROKE	Various options available
PRESSURE RATING	Up to 700 bar
BUILD	Heavy-duty alloy steel body with corrosion protection



FEATURES:

Load-assisted piston retraction

Spherical saddle for self-alignment and even load distribution

Hardened piston rod for durability

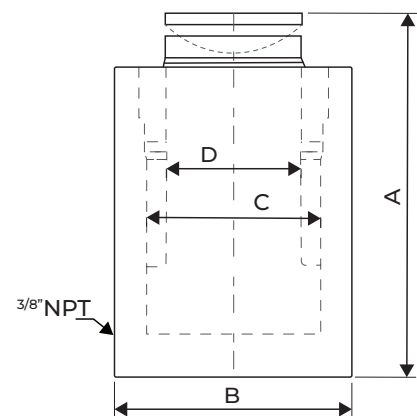
Ideal for vertical applications under sustained load

APPLICATIONS:

Precision Lifting

Pressing

Heavy Structural Work



TECHNICAL SPECIFICATIONS

Model	Capacity (ton)	Stroke (mm)	Closed height A (mm)	Cylinder OD B (mm)	Bore dia. C (mm)	Ram dia. D (mm)	Saddle dia. E (mm)	Wt. (Approx.) (kg)
OHJ 600-100	600	100	390	430	330	275	260	357
OHJ 600-150	600	150	440	430	330	275	260	404
OHJ 600-200	600	200	490	430	330	275	260	450
OHJ 800-100	800	100	425	505	380	310	290	525
OHJ 800-150	800	150	475	505	380	310	290	590
OHJ 800-200	800	200	525	505	380	310	290	654
OHJ 1000-100	1000	100	460	560	425	350	330	721
OHJ 1000-150	1000	150	510	560	425	350	330	800
OHJ 1000-200	1000	200	560	560	425	350	330	879
OHJ 1500-100	1500	100	545	705	525	450	400	1352

OHJ 1500-150	1500	150	595	705	525	450	400	1482
OHJ 1500-200	1500	200	645	705	525	450	400	1612
OHJ 2000-100	2000	100	615	810	610	525	495	2023
OHJ 2000-150	2000	150	665	810	610	525	495	2195
OHJ 2000-200	2000	200	715	810	610	525	495	2367

ESSENTIAL OPERATING GUIDELINES:

1. Use within rated capacity and stroke limits – **never overload or overextend the cylinder.**
2. Ensure stable positioning and proper alignment – **operate only on flat, level surfaces.**
3. Select the correct pump and hose setup – **match system pressure and oil volume requirements.**
4. Perform regular maintenance and inspections – **check for leaks, wear, and proper functioning to ensure long-term safety and performance.**

CYLINDERS AS PER CUSTOM SPECIFICATIONS AVAILABLE