

GEMINI

LIFTING TOOLS

CATALOGUE





GLS Series

Plain Ram, Single Acting, Plain Saddle (Type - Spring Assisted Return)

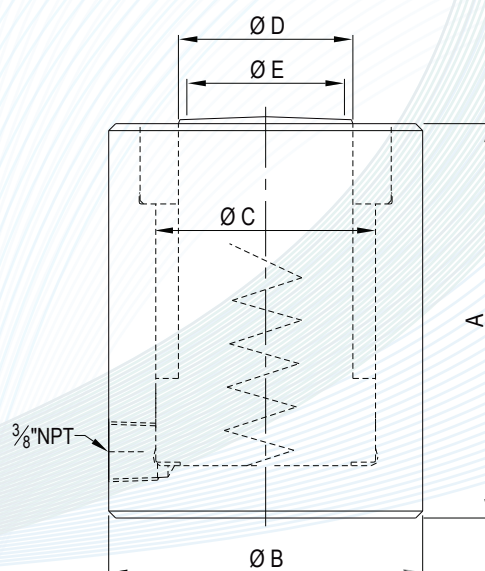
Capacity 10 – 200 ton | Stroke 30 – 60 mm | Max. Operating Pressure 700 kg/cm²

Features / Applications

- Light weight and ideal for applications with low clearance
- Suitable for heavy equipment lifting & alignment



Technical Dimensions



Lifting Handle Provided for 50 ton and beyond

GLS Series Single acting Spring return L Low height Jack

Rated Capacity (ton)	Capacity @ 700 kg /cm ² (kN)	Stroke (mm)	Model	Oil cap. (cc)	Closed height A (mm)	Cylinder OD B (mm)	Bore dia. C (mm)	Ram dia. D (mm)	Saddle dia. E (mm)	Wt. (Approx.) (kg)
10	111	30	GLS101	48	90	70	45	35	35	2.5
20	218	50	GLS201	156	115	90	63	50	50	5
30	309	50	GLS302	221	120	100	75	60	60	6
50	550	60	GLS502	471	125	130	100	80	60	11
100	1077	60	GLS1002	923	150	180	140	110	80	24

Gemini Power Hydraulics Private Ltd. ISO 9001: 2015

Gemini House, Bus Depot Lane, Deonar, Mumbai, 400088. India.

T: +91 22 6681 9999 | WhatsApp: +91 98330 28000 | info@geminindia.com | www.geminipowerhydraulics.com



GPS Series

Flat Jacks – Plain Ram, Single Acting, Spring Return

Capacity 5 - 200 ton / Stroke 8 - 16 mm / Max. Working Pressure 700 bar

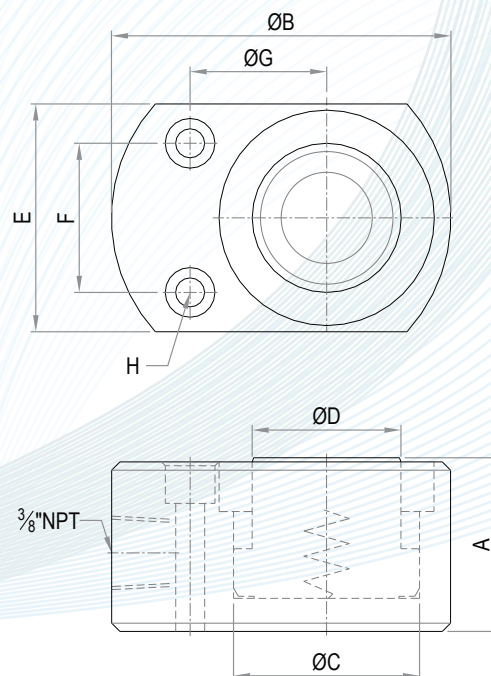
Features / Applications

- Compact and flat design ideally suited where clearance is minimum for insertion of jack
- Mounting holes for easy fixturing
- Heavy equipment lifting, alignment and clamping



Note – GPS50 has port 1/4"NPT

Technical Dimensions



GPS Series

Capacity	Capacity	Stroke	Model	Effective area	Oil cap.	Closed height	Cylinder OD	Bore dia.	Ram dia.	A/F	Wt. (Approx.)
(ton)	(kN)	(mm)		(cm ²)	(cc)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	(kg)
5	56	8	GPS50	8.0	6	35	60	32	20	45	0.6
10	111	12	GPS100	15.9	19	45	80	45	35	60	1.3
20	218	12	GPS20-12	31.2	37	55	100	63	50	80	2.6
30	309	12	GPS30-12	44.2	53	60	115	75	60	95	3.8
50	550	16	GPS50-16	78.5	126	65	140	100	70	120	6.2
75	792	16	GPS75-16	113.1	180	80	175	120	85	145	11.8
100	1077	16	GPS100-16	153.9	247	85	190	140	100	165	15.1
150	1589	16	GPS150-16	227.0	363	100	230	170	120	205	27
200	1985	16	GPS200-16	283.5	454	115	265	190	140	230	40.7

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GHSS Series

General Purpose Cylinders – Plain Ram, Single Acting, Plain Saddle (Type – Spring Assisted Return)

Capacity 5 – 400 ton | Stroke 100 – 300 mm | Max. Operating Pressure 700 kg/cm²

Features / Applications

- General Purpose Cylinders for horizontal and vertical application
- Gland Nut designed to withstand dead end load
- Suitable for Maintenance, Fabrication, Construction, Heavy industries, Shipyards, Power & Process plants
- Base mounting holes & collar threads are optional



Capacity (ton)	Capacity @ 700 kg /cm ³ (kN)	Stroke (mm)	Model	Oil cap. (cc)	Closed height (Plain saddle) A (mm)	Cylinder OD B (mm)	Bore dia. C (mm)	Ram dia. D (mm)	Plain saddle dia. E (mm)	Wt. (Approx.) (kg)
5	56	100	GHSS 5-100	80	185	45	32	25	25	2
10	111	150	GHSS 10-150	239	235	60	45	35	35	4
10	111	200	GHSS 10-200	318	285	60	45	35	35	5
15	167	150	GHSS 15-150	357	240	70	55	45	43	6.5
15	167	200	GHSS 15-200	476	290	70	55	45	43	7.5
20	218	150	GHSS 20-150	468	245	80	63	50	48	8
20	218	200	GHSS 20-200	624	295	80	63	50	48	9.5
25	270	150	GHSS 25-150	578	255	90	70	55	53	11
25	270	200	GHSS 25-200	770	305	90	70	55	53	215
30	309	150	GHSS 30-150	663	260	100	75	60	58	13.5
30	309	200	GHSS 30-200	884	310	100	75	60	58	16
50	550	150	GHSS 50-150	1178	275	130	100	80	78	24.5
50	550	300	GHSS 50-300	2355	425	130	100	80	78	39
75	792	150	GHSS 75-150	1697	280	155	120	95	93	35
75	792	300	GHSS 75-300	3393	430	155	120	95	93	52
100	1077	150	GHSS 100-150	2309	285	180	140	110	108	48
100	1077	300	GHSS 100-300	4617	435	180	140	110	108	71
150	1589	150	GHSS 150-150	3405	300	220	170	140	138	77
150	1589	300	GHSS 150-300	6810	450	220	170	140	138	112
200	2199	150	GHSS 200-150	4713	315	255	200	160	158	106.5
200	2199	300	GHSS 200-300	9426	465	255	200	160	158	152
250	2661	150	GHSS 250-150	5702	320	280	220	180	177	133
250	2661	300	GHSS 250-300	11403	470	280	220	180	177	190
300	3167	150	GHSS 300-150	6786	335	310	240	200	196	173
300	3167	300	GHSS 300-300	13572	485	310	240	200	196	245
400	4008	150	GHSS 400-150	8589	365	350	270	220	216	239
400	4008	300	GHSS 400-300	17178	515	350	270	220	216	329

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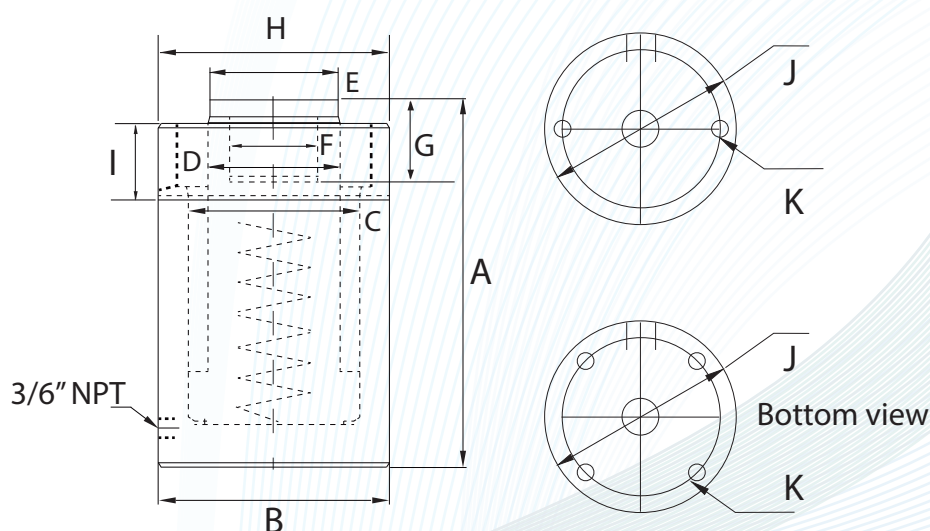


GHSS Series

General Purpose Cylinders – Plain Ram, Single Acting, Plain Saddle (Type – Spring Assisted Return)

Capacity 5 – 400 ton | Stroke 100 – 300 mm | Max. Operating Pressure 700 kg/cm²

Technical Dimensions



Capacity (ton)	Model	F Ram internal threads	G Thread depth	H Collar threads	I Length	J PCD x No. of holes	K Bottom tap size	L Tap thread depth
5	GHSS 5-100	M16x2P	15	M45x2P	25	25 x 2	M6	12
10	GHSS 10-150	M22x2P	17	M60x2P	30	40 x 2	M8	12
10	GHSS 10-200	M22x2P	17	M60x2P	30	40 x 2	M8	12
15	GHSS 15-150	M22x2P	20	M70x2P	30	45 x 2	M8	12
15	GHSS 15-200	M22x2P	20	M70x2P	30	45 x 2	M8	12
20	GHSS 20-150	M24x2P	25	M80x2P	35	55 x 2	M8	12
20	GHSS 20-200	M24x2P	25	M80x2P	35	55 x 2	M8	12
25	GHSS 25-150	M24x2P	25	M90x2P	40	60 x 2	M10	16
25	GHSS 25-200	M24x2P	25	M90x2P	40	60 x 2	M10	16
30	GHSS 30-150	M30x2P	25	M100x3P	40	65 x 2	M10	16
30	GHSS 30-200	M30x2P	25	M100x3P	40	65 x 2	M10	16
50	GHSS 50-150	M42x2P	25	M130x3P	40	90 x 2	M10	16
50	GHSS 50-300	M42x2P	25	M130x3P	40	90 x 2	M10	16
75	GHSS 75-150	M48x2P	25	M155x3P	40	110 x 2	M10	16
75	GHSS 75-300	M48x2P	25	M155x3P	40	110 x 2	M10	16
100	GHSS 100-150	M48x2P	25	M180x3P	40	125 x 4	M12	16
100	GHSS 100-300	M48x2P	25	M180x3P	40	125 x 4	M12	16
150	GHSS 150-150	M82x2P	25	M220x3P	50	150 x 4	M16	18
150	GHSS 150-300	M82x2P	25	M220x3P	50	150 x 4	M16	18
200	GHSS 200-150	M90x2P	25	M255x3P	50	180 x 4	M16	22
200	GHSS 200-300	M90x2P	25	M255x3P	50	180 x 4	M16	22
250	GHSS 250-150	-	-	-	-	-	-	-
250	GHSS 250-300	-	-	-	-	-	-	-
300	GHSS 300-150	-	-	-	-	-	-	-
300	GHSS 300-300	-	-	-	-	-	-	-
400	GHSS 400-150	-	-	-	-	-	-	-
400	GHSS 400-300	-	-	-	-	-	-	-

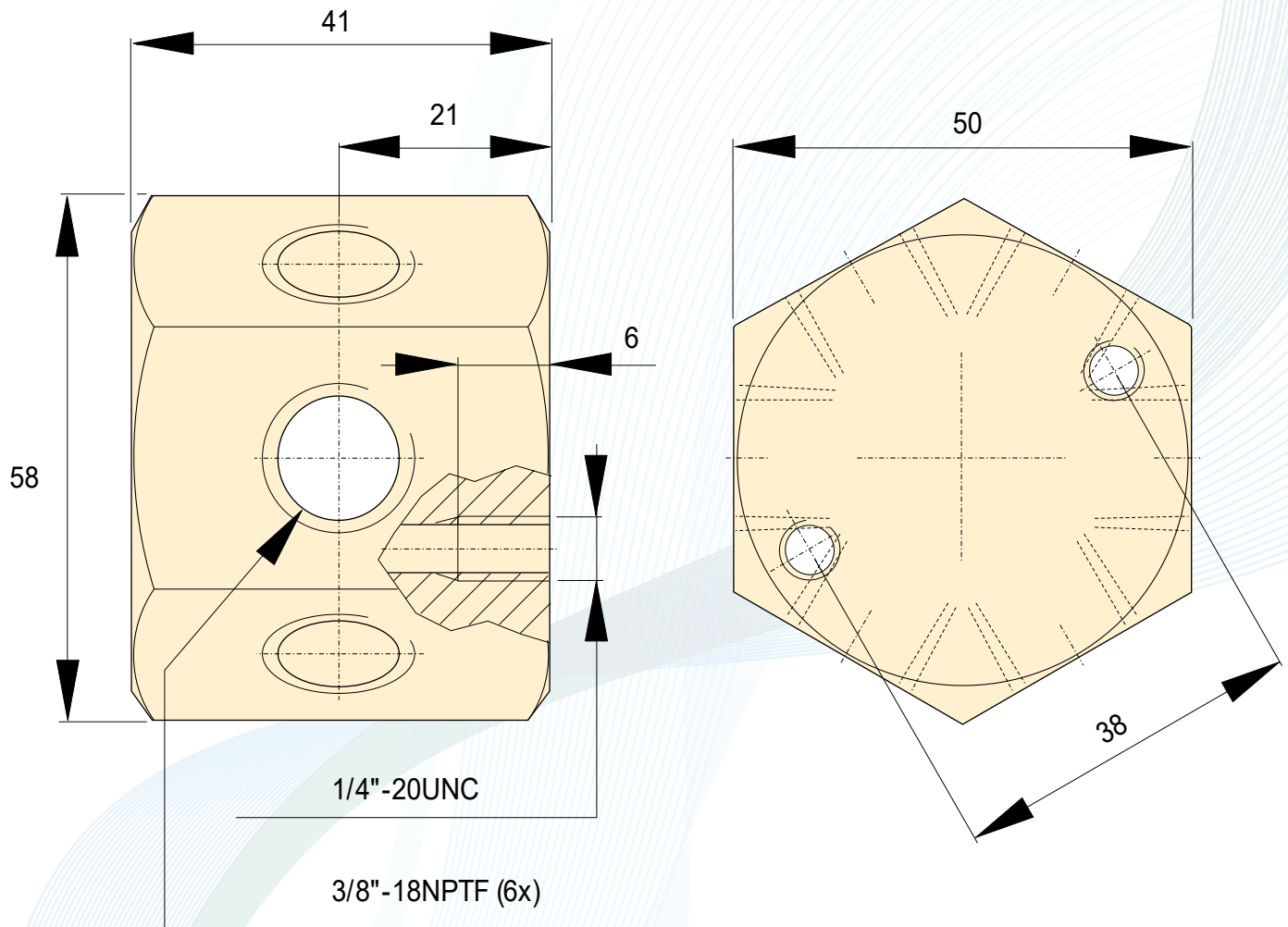
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G-66



GEMINI
POWER HYDRAULICS PRIVATE LTD

Drawn By	Gemini		
Checked By	Gemini		
Date	01/04/2025		
Drawing No.	GA00066	REV	0
Description	6-Port Hexagon Manifold. Plugs furnished for all ports 3/8\"-18 NPTF .		

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High Pressure Couplers and Fittings

Features / Applications

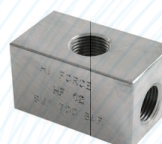
- Suitable for working pressures up to 700 bar
- Designed to ensure easy system connection and assembly



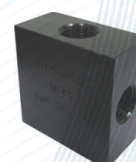
Picture 1



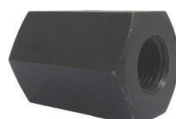
Picture 2



Picture 3



Picture 4



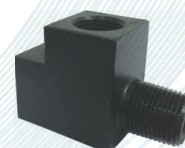
Picture 5



Picture 6



Picture 7



Picture 8

Model number	See picture	Description	Thread specification
GHFS7	1	Nipple	1/4" NPT male to 1/4" NPT male
GHFS8	5	Adaptor	1/4" NPT female to 1/4" NPT female
GHFS10	2	Elbow	3/8" NPT female to 3/8" NPT female
GHFS12	3	Equal tee	3/8" NPT female
GHFS13	4	Cross	3/8" NPT female
GHFS14	5	Adaptor	3/8" NPT female to 3/8" NPT female
GHFS15	5	Reducer	3/8" NPT female to 1/4" NPT female
GHFS16	6	Elbow	3/8" NPT female to 3/8" NPT male
GHFS17	1	Nipple	3/8" NPT male to 3/8" NPT male
GHFS19	1	Long nipple	3/8" NPT male to 3/8" NPT male
GHFS24	7	Adaptor	3/8" NPT male to 3/8" BSP female
GHFS27	1	Nipple	1/4" NPT male to 3/8" NPT male
GHFS30	7	Reducer	3/8" NPT male to 1/4" NPT female
GHFS31	8	Tee	3/8" NPT female to 3/8" NPT male
GHFS33	7	Reducer	3/8" NPT male to 1/4" BSP female
GHFS55	7	Reducer	3/8" NPT female to 1/4" NPT male
GHFS69	7	Adaptor	1/2" BSP male to 3/8" NPT female

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GHC Series

High Pressure Hydraulic Hose

Features / Applications

- Working pressure 700 bar
- 2:1 Factor of safety
- Hand grip protective strain relievers



Length (m)	$\frac{3}{8}$ " - 18 NPT male fitting one end with CM1 coupler fitted one end Model number	Weight (kg)
0.5	GHC0.5	0.5
1	GHC1	0.7
2	GHC2	0.9
3	GHC3	1.0
4	GHC4	1.2
5	GHC5	1.4
6	GHC6	1.6
10	GHC10	2.4
12	GHC12	3.0
15	GHC15	3.3
20	GHC20	4.2
25	GHC25	5.5
30	GHC30	7.7

Note: Hose bore is 6.6 mm and outside diameter is 12.7 mm

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