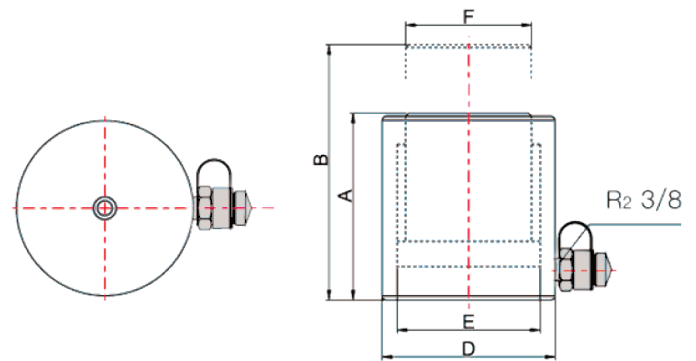


SINGLE ACTING PLAIN RAM HYDRAULIC CYLINDERS



CAPACITY	10 to 1000 tons
TYPE	Single-acting, spring return
STROKE	Available from 50 mm to 300 mm
PRESSURE RATING	Up to 700 bar
CONSTRUCTION	Imported, high-quality alloy steel body with durable yellow powder-coated finish
RAM TYPE	Plain ram for smooth and stable load transfer



FEATURES:

Spring-assisted retraction for fast and dependable operation

Integrated carry handle for easy handling and placement

Protruding saddle protects ram end and improves load stability

Dust wipers increase seal life and performance in tough site conditions

Designed for **long service life** and consistent performance in demanding environments

APPLICATIONS:

Suited for lifting

Pressing

Alignment and Heavy maintenance in construction

Mining

Shipyards

Industrial sectors

TECHNICAL SPECIFICATIONS

Model	Tonnage (ton)	Stroke (mm)	Closed height A (mm)	Extended Height B (mm)	Body dia. D (mm)	Bore dia. E (mm)	Piston dia. F (mm)	G.W. (kg)
HHYG-1050	10	50	122	172	68	45	36	3.1
HHYG-10100	10	100	172	272	68	45	36	4.4
HHYG-10150	10	150	222	372	68	45	36	5.7
HHYG-2050	20	50	126	176	78	60	45	4.0
HHYG-20100	20	100	176	276	78	60	45	5.3
HHYG-20150	20	150	226	376	78	60	45	6.6
HHYG-3050	30	50	137	187	103	75	65	7.9
HHYG-30100	30	100	187	287	103	75	65	10.7
HHYG-30150	30	150	237	387	103	75	65	13.5
HHYG-5050	50	50	147	197	123	95	70	11.6
HHYG-50100	50	100	197	297	123	95	70	14.9
HHYG-50150	50	150	247	397	123	95	70	18.0
HHYG-10050	100	50	182	232	168	135	90	25.7
HHYG-100100	100	100	232	332	168	135	90	30.6
HHYG-100150	100	150	282	432	168	135	90	35.5
HHYG-15050	150	50	182	232	205	165	115	43.0
HHYG-150100	150	100	232	332	205	165	115	53.0
HHYG-150150	150	150	282	432	205	165	115	63.0
HHYG-20050	200	50	202	252	228	190	135	60.0
HHYG-200100	200	100	252	352	228	190	135	71.0
HHYG-200150	200	150	302	452	228	190	135	83.0
HHYG-25050	250	50	248	298	270	215	180	105.0
HHYG-250150	250	150	348	498	270	215	180	142.0
HHYG-250300	250	300	498	798	270	215	180	196.0
HHYG-30050	300	50	267	317	285	240	200	126.0
HHYG-300150	300	150	367	517	285	240	200	165.0
HHYG-300300	300	300	517	817	285	240	200	224.0
HHYG-40050	400	50	315	365	325	270	220	195.0
HHYG-400150	400	150	415	565	325	270	220	245.0
HHYG-400300	400	300	565	865	325	270	220	318.0
HHYG-50050	500	50	345	395	373	305	250	283.0
HHYG-500150	500	150	445	595	373	305	250	349.0
HHYG-500300	500	300	595	895	373	305	250	451.0
HHYG-60050	600	50	371	421	402	330	270	354.0

TECHNICAL SPECIFICATIONS

Model	Tonnage (ton)	Stroke (mm)	Closed height A (mm)	Extended Height B (mm)	Body dia. D (mm)	Bore dia. E (mm)	Piston dia. F (mm)	G.W. (kg)
HHYG-600150	600	150	471	621	402	330	270	431.0
HHYG-600300	600	300	621	921	402	330	270	546.0
HHYG-80050	800	50	424	474	472	390	320	560.0
HHYG-800150	800	150	524	674	472	390	320	665.0
HHYG-800300	800	300	674	974	472	390	320	825.0
HHYG-100050	1000	50	477	527	530	430	360	799.0
HHYG-1000150	1000	150	577	727	530	430	360	937.0
HHYG-1000300	1000	300	727	1027	530	430	360	1145.0

ESSENTIAL OPERATING GUIDELINES:

- 1. Stay within rated load and stroke** – Overloading or overextending can damage the cylinder.
- 2. Ensure stable, aligned setup** – Operate only on flat surfaces with proper load alignment.
- 3. Use compatible pump and hoses** – Match pressure and oil volume requirements.
- 4. Inspect and maintain regularly** – Check for leaks, worn seals, and clean the ram before use.