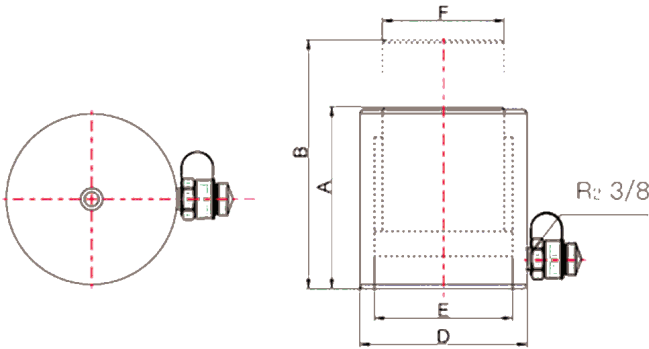


HYDRAULIC SINGLE ACTING ALUMUNIU CYLINDERS



CAPACITY	10 to 200 tons
TYPE	Single-acting, spring return
STROKE	Available in multiple stroke options
PRESSURE RATING	Up to 700 bar
CONSTRUCTION	Imported, premium-quality alloy with hard-anodized finish for corrosion and wear resistance
DESIGN	Lightweight and compact for ease of transport and operation



FEATURES:

- Spring-assisted return for quick and easy retraction
- Up to **50% lighter** than equivalent steel cylinders—ideal for portable and overhead applications
- Grooved saddle and handle** for safe load contact and easy handling
- Built for **durability, mobility, and ease of use** in field conditions

APPLICATIONS:

- Perfect for lifting,
- Positioning, and maintenance in aviation, transportation,
- civil construction, and industrial assembly where weight and mobility are key concerns

TECHNICAL SPECIFICATIONS

Model	Tonnage (ton)	Stroke (mm)	Closed height A (mm)	Extended Height B (mm)	Outside dia. D (mm)	Inside dia. E (mm)	Piston dia. F (mm)	G.W. (kg)
HHYG-1050L	10	50	142	192	60	45	38	1.2
HHYG-10100L	10	100	192	292	60	45	38	1.7
HHYG10150L	10	150	242	392	60	45	38	2.1
HHYG-2050L	20	50	162	212	85	60	52	3
HHYG-20100L	20	100	212	312	85	60	52	3.8
HHYG20150L	20	150	262	412	85	60	52	4.6
HHYG-3050L	30	50	172	222	110	75	62	5.1
HHYG-30100L	30	100	222	322	110	75	62	6.4
HHYG-30150L	30	150	272	422	110	75	62	7.6
HHYG-5050L	50	50	182	232	140	95	80	8.6
HHYG-50100L	50	100	232	332	140	95	80	10.5
HHYG-50150L	50	150	282	432	140	95	80	12.5
HHYG-10050L	100	50	208	258	180	135	110	17
HHYG-100100L	100	100	258	358	180	135	110	20.5
HHYG-100150L	100	150	308	458	180	135	110	23.3
HHYG-15050L	150	50	233	283	230	165	135	30.9
HHYG-150100L	150	100	283	383	230	165	135	35.9
HHYG-150150L	150	150	333	483	230	165	135	40.9
HHYG-20050L	200	50	263	313	270	190	160	47.5
HHYG-200100L	200	100	313	413	270	190	160	51.6
HHYG-200150L	200	150	363	513	270	190	160	61.2
HHYG-200200L	200	200	413	613	270	190	160	68
HHYG-200250L	200	250	463	713	270	190	160	74.8

ESSENTIAL OPERATING GUIDELINES:

- 1. Operate within rated load and stroke limits-** Avoid overloading or overextending to preserve structural integrity and ensure safe operation
- 2. Use only on stable, flat surfaces-** Ensure proper alignment with the load to avoid side loading and potential damage.
- 3. Handle with care during transport and setup-** Although lightweight, aluminium bodies can be damaged by impact or mishandling.
- 4. Inspect regularly before use-** Check for leaks, worn seals, or surface damage; keep the cylinder clean and dry when not in use.

