



HR7

middle range hydraulic door-opener

technical data sheet

LIBERVIT
manufacturer



LIBERVIT **BLACKline**

for Police & Gendarmerie
special forces

LIBERVIT **DÉFENSE**

for military forces

From a general point of view, even the highest performance equipment will not by itself solution all the situations.

It does not completely cancel the risk encountered by the special units' users on an operation.

As a manufacturer we OWE to ourselves and to the users to give priority to quality, reliability, performance and innovations.

We will never be confronted to front line situations but you on the other hand are facing them daily in France or elsewhere around the world and sometime while using one of our tools.

It is at this very moment that our choice of components, raw material to manufacture the tools that you are using, at this very moment when you are about to give the "GO ahead" that the equipment must prove itself failproof!

Internationally, France benefits from a strong reputation in the fields of security at the operational knowhow level as much as in the equipment manufacturing.

At LIBERVIT, we are experienced technicians, our professional ethic is unwavering and above all we know and respect those using our products and because of this close relationship we have considered their insights and suggestions in the making of our tools.

We pride ourselves in manufacturing French. All the labelled equipment that you had, have or will have in your hands, are made in France with more than 90% of components and raw materials of French origin or from close European Union countries such as Germany, Norway and Italy.

Our 25 years in the design and manufacturing of hydraulic and mechanical tools with land and water applications for the army and police special forces, our seriousness, our professionalism, and our never ended search for innovations has made us a key player within these professional environments.

LIBERVIT is represented in over 60 countries through our specialized Distributors network offering commercial advice, demos, maintenance and after sale service.

All of the LIBERVIT team and myself are available to ensure that none of your question remains unanswered.

We wish you a pleasant read.

Yvan CARDONA, CEO

Quality & Reliability

LIBERVIT will provide, for a minimum of 10 years after delivery, any of its tools' spare parts.
All our equipments comply with CE standard.

Unless otherwise specified by us, our equipments are guaranteed for 3 years from the dispatch date. The guarantee covers construction defects as well as material flaws noted by our services.

Our organization, from engineering to customers' service is ISO 9001 certified. It guarantees a high quality, life-long performance and complete reliability of our tools and equipment.

All our tools undergo rigorous test & control before shipment.



HR7- middle range hydraulic door-opener

designed to open PVC, wooden or metal doors,
single or multi-locks opening inward.



HR7



Designed to open PVC, wooden or metal doors, single or multi-locks opening inward, the HR7 hydraulic jack is placed horizontally between the door's vertical frames. A handle on the jack gives a better grip. It has an exclusive telescopic rod system with a "Extend" quick-lock and it can be adjusted in length to reduce installation time in front of the door.

For power supply, the HR7 jack requires either one of the LIBERVIT hydraulic power units or a LIBERVIT hand pump. Two control switches on the tool activate the HR7 jacks.

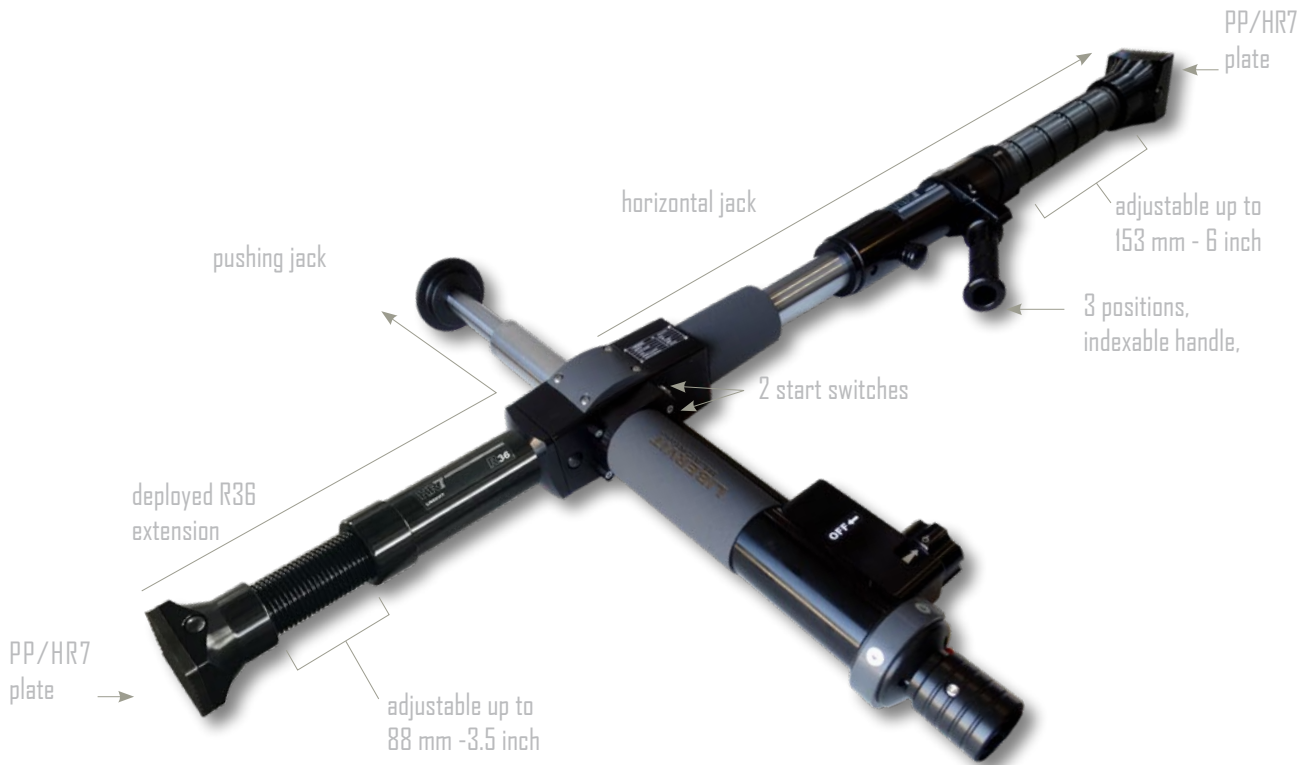
(*tool not self-sufficient needs to be used with a hydraulic power unit or manual pump)



HR7- mid-range hydraulic door-opener

TECHNICAL CHARACTERISTICS

mid-range hydraulic door-opener	ref. HR7	
horizontal jack's thrust	56 kN	
retracted horizontal jack length	670 mm - 26 inch	
deployed horizontal jack length	942 mm - 37 inch	
horizontal jack & R36 extension length	1292 mm - 4.2 ft	
pushing jack 1st stage thrust	71 kN	
pushing jack 2nd stage thrust	28kN	
pushing jack 1st stage stroke	175 mm - 7 inch	
pushing jack 2nd stage stroke	113 mm - 4.5 inch	
total pushing jack stroke	288 mm - 11 inch	
horizontal jack handle	yes, 90° indexable, 3 positions	
start switches	yes, qty 2	
available colours	dark grey, black or olive green	
dimensions	670 x 470 x 100 mm - 26.5 x 18.5 x 4 inch	
door-opener and plate pair weight PP/HR7	13.8 kg - 30.5 lbs	
delivered with 3 plates' pair	yes, ref. PP/HR7, PR/HR7, PRL/HR7	
PP/HR7 plate dimensions	74.7 x 72 x 33.5 mm - 3 x 2.5 x 1.2 inch	
Plate weight	520 g - 1.15 lbs	
PR/HR7 plate dimensions	74.7 x 72 x 51.13 mm - 3 x 2.5 x 2 inch	
Plate weight	580 g - 1.28 lbs	
PRL/HR7 plate dimensions	74.7 x 92 x 51.13 mm - 3 x 3.5 x 2 inch	
plate weight	700 g - 1.54 lbs	
delivered with extension	yes, ref. HR80	
dimensions	110 x 72 x 74.7 mm - 4 x 3 x 3 inch	
weight	1 kg - 2.2 lbs	
delivered with extension	yes, ref. R36	
retracted length	265 mm - 10.4 inch	
deployed length	347.5 mm - 13.7 inch	
dimensions	288.5 x 72.5 x 74.75 mm - 11.4 x 2.8 x 3 inch	
weight	1.6 kg - 3.5 lbs	
delivered with tape measure	yes, ref. L3M	
tape length	3 m - 10 ft	
tape width	16 mm - 0.5 inch	
magnetic	yes	
self-locking	yes	
dimensions	70 x 60 x 30 mm - 3 x 2.5 x 1 inch	
weight	11 g - 0.5 oz	
delivered in PELICASE transport case	yes, ref. VDT/HR7 (LIBERVIT BLACKline)	ref. VDT/HR7 (LIBERVIT DEFENSE)
available colours	black	olive green
silica gel cartridge	qty 1, used to prevent humidity	qty 1, used to prevent humidity
dimensions	628 x 498 x 303 mm - 25 x 20 x 12 inch	625 x 500 x 218 mm - 24 x 19 x 8 inch
weight empty	10.4 kg - 23 lbs	6.5 kg - 14 lbs
weight loaded	28.5 kg - 62 lbs	24.6 kg - 54 lbs



×2 plates, ref: PP/HR7



×2 plates, ref: PR/HR7



×2 plates, ref: PRL/HR7



HR80 extension



R36 extension



L3M tape measure

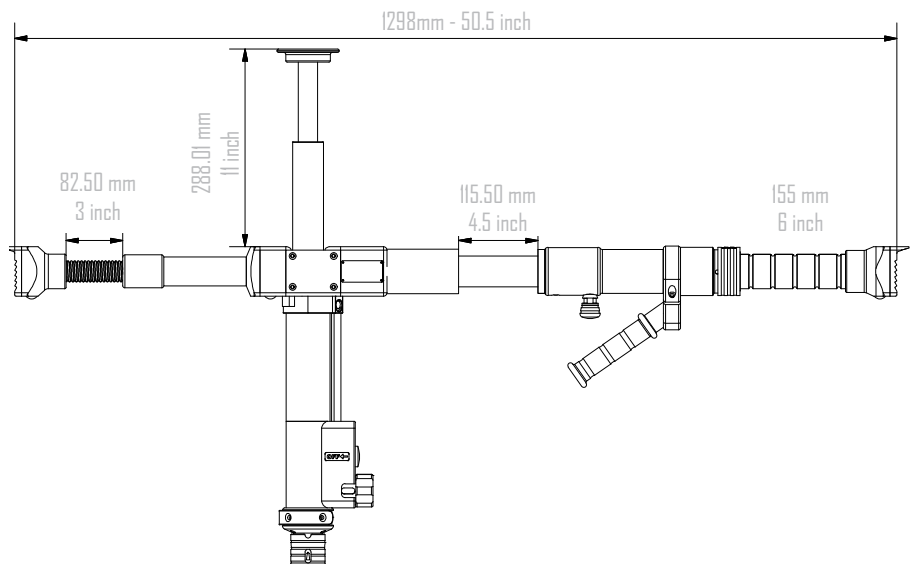
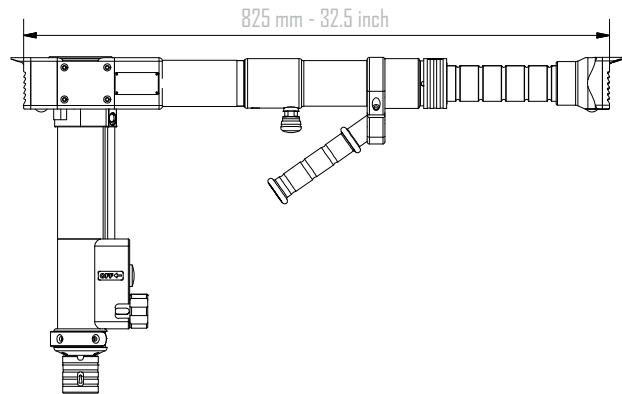
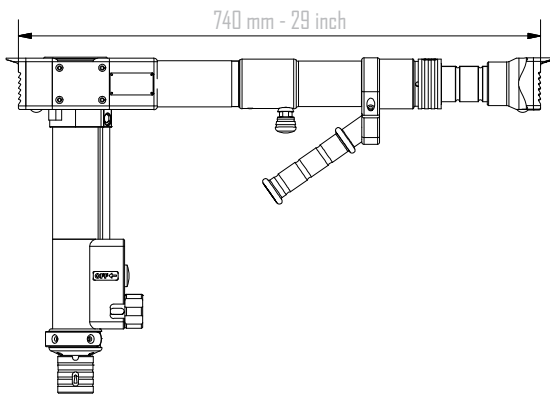
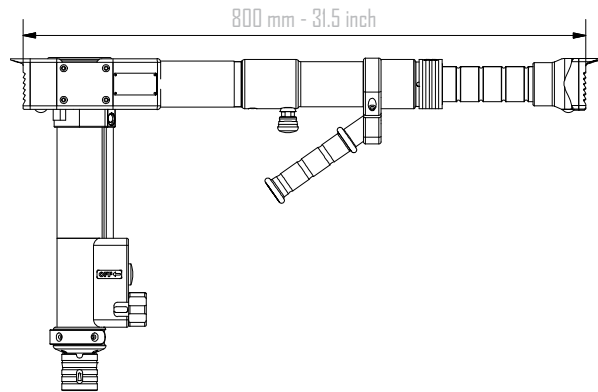
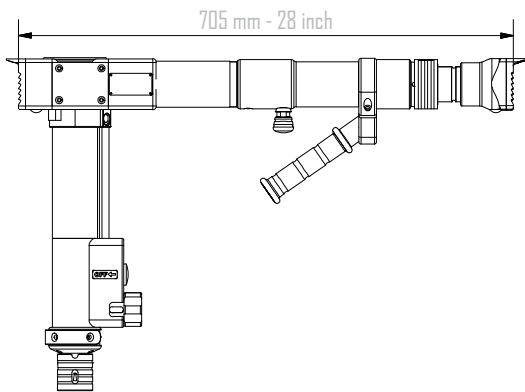
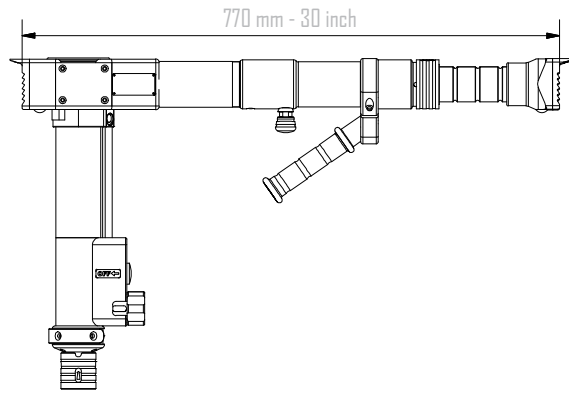
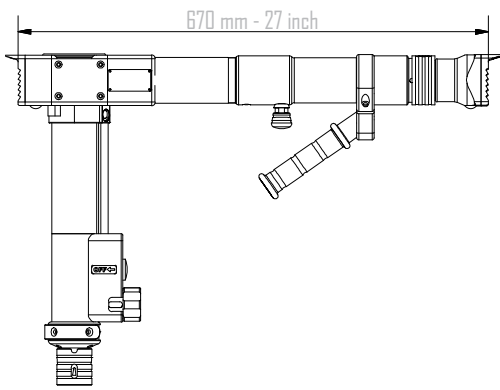


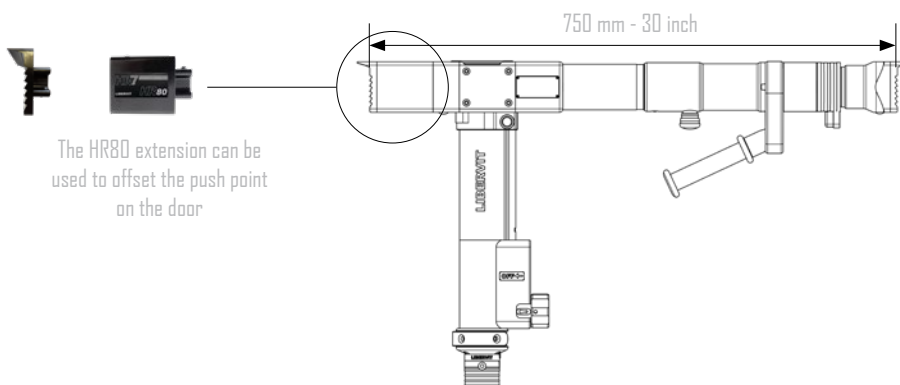
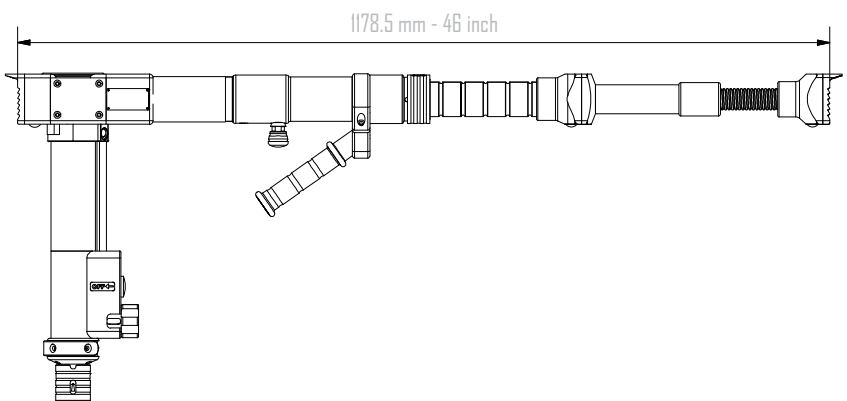
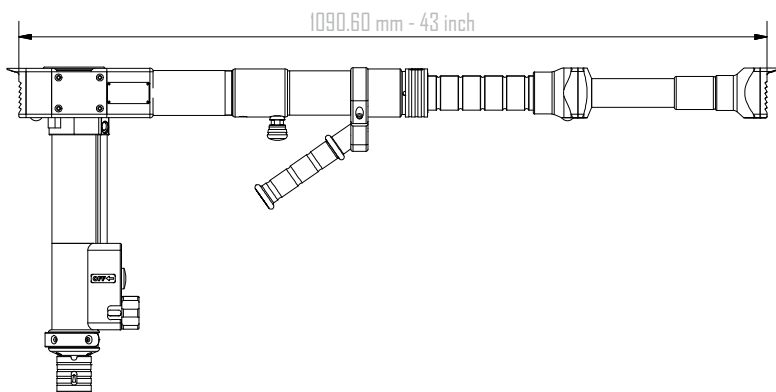
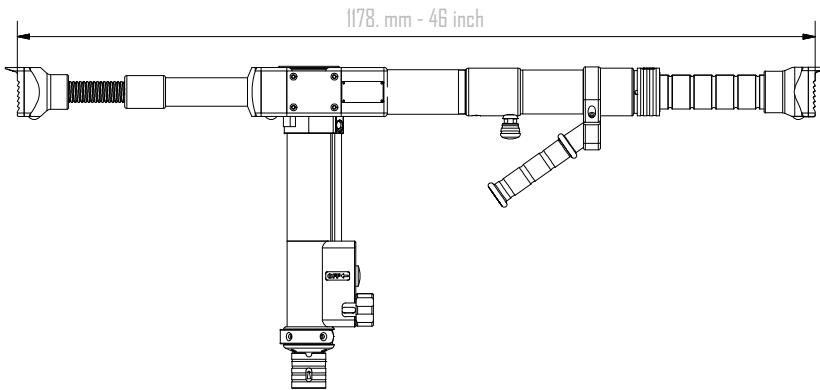
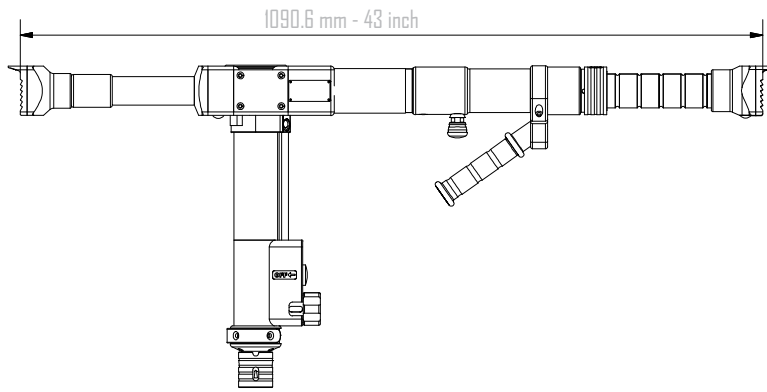
silica gel cartridge
(used to prevent humidity)



PELICASE® transport case, ref. VDT/HR7

HR7 DIFFERENT POSITIONS' DIMENSIONS





HR7 ACCESSORIES - BF - PROTECTION CAP



protection cap	ref. BF
colour	black
dimensions	40 mm x Ø60 mm - 1.5 inch x Ø2.5 inch
weight	60 g - 0.13 lbs

The protection cap BF (female) protects your HR7 hydraulic door opener coupling from shocks and dust. When buying the HR7 the protection cap is an option.

HR7 ACCESSORIES - PX/HR7 extensions

HR7 extension case	ref. PX/HR7
delivered in transport case	yes, ref VDT/PXHR7, case PELICASE
extensions included	ref. HR80, HR150, HR200
silica gel cartridge	qty 1, used to prevent humidity
case dimension	406 x 330 x 174 mm - 16 x 13 x 7 inch
weight empty	2.6 kg - 5.7 lbs
weight loaded	10 kg - 22 lbs



extension	ref. HR80
material	black anodized aluminium
dimensions	110 x 72 x 74.7 mm - 4 x 3 x 3 inch
weight	1 kg - 2.2 lbs



extension	ref. HR150
material	black anodized aluminium
dimensions	180 x 72 x 74.7 mm - 7 x 3 x 3 inch
weight	1.1 kg - 2.4 lbs



extension	ref. HR200
material	black anodized aluminium
dimensions	230 x 72 x 74.7 mm - 9 x 3 x 3 inch
weight	1.3 kg - 2.8 lbs



The HR80, HR150 and HR200 manually removable extensions are delivered in a PELICASE filled with high density foam into which an imprint of the extensions is made. It provides a perfect fit for the transport or storage. The HR7 and its extension will work on almost all doors. The extensions are an option when buying the HR7 door-opener.

HR7 ACCESSORIES - CLS/HR7 - BACKPACK RACK

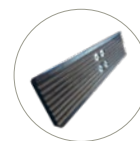
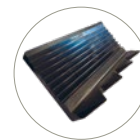
HR7 soft backpack rack	ref. CLS/HR7
available colours	dark grey or olive green
material harness	Cordura® soft shell (1100 Den)
carrying means	back / handheld / shoulder straps
reinforced handle	yes
adjustable straps	padded straps, abdominal belt, chest strap
backrest	rigid and padded
dimensions	595 x 435 x 125 mm - 23 x 17 x 5 inch
weight empty	8.3 kg - 18.3 lbs
weight loaded	24.9 kg - 55 lbs



The HR7 is delivered in a PELICASE transport case but it can be replaced by a backpack rack on demand. The LIBERVIT backpack rack is made of black powder coated aluminium alloy and has wide adjustable shoulder straps as well as an abdominal one to provide comfort and stability when carrying it. Each backpack rack has fasteners adapted to the tools it carries.

HR7 ACCESSORIES - PLKIT/ HR7- HR7 plates for PVC doors

kit PVC doors plates	ref. PLKIT/HR7
delivered in PELICASE transport case	yes, ref VDT/PLKIT
plates included	ref. PRL125/HR7, PRL180/HR7, PRL300/HR7
silica gel cartridge	qty 1, used to prevent humidity
case dimensions	470 x 357 x 176 mm - 18.5 x 14 x 7 inch
weight empty	3.2 kg - 6.5 lbs
weight loaded	13.4 kg - 28 lbs



plates	ref. PRL125/HR7
dimensions	90 x 125 x 60 mm - 3.5 x 5 x 2.5 inch
plate weight	1.1 Kg - 2.6 lbs
quantity	2 plates

plates	PRL180/HR7
dimensions	90 x 180 x 70 mm - 3 x 7 x 2 inch
plate weight	1.6 kg - 3.5 lbs
quantity	2 plates

plates	ref. PRL300/HR7
dimensions	70 x 300 x 40 mm - 2 x 12 x 2 inch
plate weight	2.05 kg - 4.5 lbs
quantity	2 plates

The special PVC doors plates are manually removable and are packed in a PELICASE. The PRL125/HR7 anti-slip with hook plate is placed between the door and the door frame to guarantee an extra grip for the jack while pushing. The PRL180/HR7 and the PRL300/HR7 have the same function with different dimensions. The PRL300/HR7 is mainly used with doors framed by decoration mouldings. The PLKIT/HR7 is an option when buying a HR7 hydraulic door-opener.







> **QUOTATIONS** : quotations@libervit.com



> **ORDERS** : orders@libervit.com



> **AFTER SALES SERVICE** : aftersales@libervit.com



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