

Components for construction vehicles, equipment and machinery



ELESA presents a wide range of **standard elements in engineering plastics and metal for equipment and machinery for the construction and building industry** which operate in particularly unfavourable conditions and sometimes in explosive atmosphere. High or low temperatures, high humidity, high pressure and contact with different chemical substances are some of the most common conditions of use. Therefore, **reliable components** in functionality, quality and performance are essential and of the utmost importance.

Accessories for hydraulic systems

The full range of ELESA accessories for hydraulic systems is available **in a variety of production materials**: plastic, aluminium, brass, zinc-plated steel or Stainless steel with NBR synthetic rubber, FPM or FKM (type Viton*) to withstand different liquid/oil temperatures.

Plugs, filler breather caps and oil level indicators are available with **different types of threads**: ISO-Metric, GAS-BSP and UNC-UNF or NPT for the American market.

* Registered Trademark by DuPont Dow Elastomers

21 different types of column level indicators with or without thermometer and protection frame. Also available with electrical sensor or probe for MAX temperature and MIN level. The body of the indicator, entirely in transparent technopolymer, is assembled using ultrasonic welding to guarantee a perfect seal ensured by 100% electronic control during production. A progressive serial number for the traceability of every single indicator is laser engraved on its rear side. Total compatibility with commonly used chemicals, hot water and alcohol together with the utmost resistance to shocks represent additional features that make ELESA range unique.

Standard machine elements for manœuvring, clamping and control operations for construction vehicles and equipment

An extensive range of **clamping knobs** and adjustable **levers**; lift, pull and revolving handles; **control knobs** and **control levers**; **hinges** all made in special technopolymer resistant to solvents, oils, greases and other chemical agents or aluminium, zinc-plated steel or stainless steel with the greatest care in surface finishing. **Ergonomics combined with a unique design, a well-proven quality and a perfect functionality.**



SFP+a
Breather caps with splash guard and dipstick
Material technopolymer, NBR packing ring
Max. temp. 100°C/120°C **Diameters** 30 to 70 mm **Threads** G1/4" to G2" M16x1.5 to M22x1.5 Execution SFP.EX compliant with European Directive ATEX 94/9/EC.



You can also find:



SFW-VP
Double-valve pressurised breather caps "vandal-proof"
Material technopolymer, NBR packing ring. NBR packing ring. Safety (0.350 bar) and suction (0.030 bar) valves. **Max temperature** 100°C. **"Vandal-proof"** safety device.



HCFE
Oil circulation sights
Material transparent technopolymer, NBR packing ring **Max. temperature** 110°C **Threads** G3/8" to G1 1/4" Execution HCFE-EX compliant with European Directive ATEX 94/9/EC.



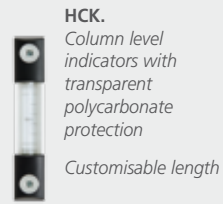
HFTX
Oil level indicators
Material transparent technopolymer, aluminium contrast screen, NBR packing ring **Max. temperature** 110°C **Threads** G1 1/4, M16x1.5 to M40x1.5



HCZ-P
Column level indicators with SUPER-Technopolymer protection frame
Transparent technopolymer, NBR O-rings, aluminium contrast screen, zinc-plated steel screws, SUPER-Technopolymer protection frame **Max. temperature** 90°C **Centre dist.** 76 to 127 mm



HCX
Column level indicators
Transparent technopolymer, NBR or FKM O-rings, aluminium contrast screen, zinc-plated, technopolymer or st. steel screws **Max. temperature** 90°C **Centre dist.** 76 to 254 mm



HFL-E
Rapid level indicators with float



Application of (clockwise) M.443 technopolymer U-handle, MT. technopolymer crank handle, VC.192 Duroplast clamping knob, CFA. technopolymer hinge