

KRD.36

Expansion Chamber Components / DIN 1629

DIN 1629 steel materials is used to manufacture this component. Zn coating is used to provide corrosion resistance. It has a 500cc internal volume. It tolerates the reaching of fluid up to the air plug caused by turbulence. Approximately 8-12 μ coating is applied according to TS 149 galvanization. Expected corrosion resistance period is 4-6 years in urban settings and 3-5 years at the seaside.

On/Off sensor

Sensor can operate at 9 - 32 Volt , 10 mA-3A, - 30°C ...+ 150°C has M18x1,5 teeth connection, and 2 pin output ports

Air Tube Components / DIN AlMg1Si0.8CuMn

It is a shapable corrosion-resistant, high-strength material. The alloy can go through heat treatment. It has high corrosion resistance.

Pneumatic Fittings

It can be engaged/disengaged by 6-8 bar pneumatic pressure. The pressure must be continuous for both conditions. The air must go through drier-conditioner system.

Flange

Universal connection with equipments.
ISO 7647 / ISO 7646 / ISO 8667

Sealing Components / ISO 6194

These are elastomeric sealing components. They are chosen double-lip type (oil/dust). They can stand -40/+140°C operating conditions according to the climate and temperature. They offer good resistance to climate conditions, aging ozone and oxygen thanks to high chemical stability.

Air Plug

This is an aluminum air plug calibrated at +0,5 Bar with an in-built valve. It opens from time to time and lets the internal pressure accumulate due to fluid turbulence. Besides blocking foreign matter penetration, it also prevents oil leakage that may happen during transportation. It has an operation temperature of -20/+120°C.

Body Material/ DIN G-AlSi10Mg DIN

G-AlSi10Mg is an aluminum alloy widely used in the automotive industry. It has a specific weight of 2,64 gr/cm³ , and fusion temperature interval of +575-595 °C. It has advanced corrosion resistance and excellent castable level. The basic advantages of this alloy include durability, anti- corrosive and leak-proof properties

Engage & Disengage

The disc clutch reducer system, which is patented by us **(Patent no: TR 2018 01478 B)** is a reducer that is continuously engaged and disengaged. This process is carried out with the aid of a mechanical synchromesh.

Gear & Shaft Components/ DIN-1.7131

The steel is soft in its core tough, hard, and wear-resistant on the surface, and elastic on the impact points. It is also good for cementation and nitration heat treatment. The gears on KRD.36 have 58-61 HRC surface hardness, and hardness depth of 1-1,2 mm

Connection Components / DIN 912

It has min. 8.8 quality level and strength of min 800Nm/mm²

