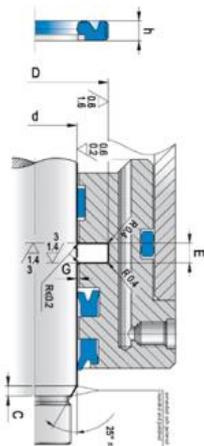


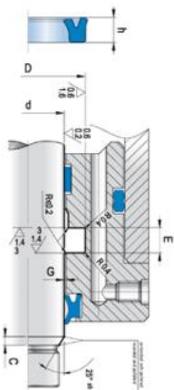
KLINGER Dynamic Seals

Rod Seals, Type RBR



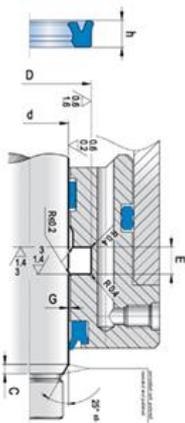
RBR the seal has been specially designed to function as head seal in combination with an asymmetrical U-cuff (eg. RSA). Its function is to maintain the working pressure of the secondary seal. It does not provide full sealing, which makes the formation of an oil-pressure chamber between the two seals. Thanks to RBR seal special design, the pressure in the chamber is released in the cylinder reaches a certain pressure is reached, as RBR also acts as a pressure relief valve and to

Rod Seals, Type RSA

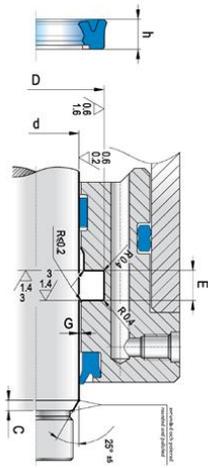


RSA rod seal having a dynamic sealing lip which is shorter than the static and can therefore be used for the piston rods are not perfectly centered. And at high pressure.

Rod Seals, Type RSB



RSB rod seal has as RSA dynamic sealing lip is shorter than the static and can therefore be used for piston rods are not perfectly centered. And at high pressure. Additionally, it has on the dynamic side a multifunctional double lip to reduce stick slip effect as it keeps oil between the primary and secondary lip. It also helps to protect against possible impurities and prevent material shrinkage at low temperatures. Last but not least, stabilize the seal.



Rod Seals, Type RSB2

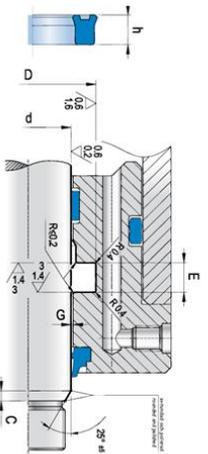
RSB2 rod seal has as RSA and RSB a dynamic sealing lip is shorter than the static and can therefore be used for piston rods are not perfectly centered. And at high pressure.

v In addition, the as RSB on the dynamic side a multifunctional double lip to reduce stick slip effect as it keeps oil between the primary and secondary lip.

It also helps to protect against possible impurities and prevent material shrinkage at low temperatures.

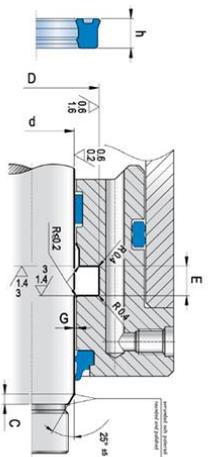
Last but not least, stabilize the seal.

RSB2 has the added feature that there is a back up ring recommended if one can not reduce the gap between cylinder head and piston rod, and at high pressure.



Rod Seals, Type RSC

RSC rod seal has small dimensions and is specifically designed for applications where there is great variation of pressure and velocity profile is designed with a low track to ensure close contact between the static and the dynamic part even o 0-pressure situations.



Rod Seals, Type RSD

RSD rod seal has small dimensions and is specifically designed for applications where there is great variation of pressure and velocity profile is designed with a low track to ensure close contact between the static and the dynamic part even o 0-pressure situations Additionally, it has the dynamic side a multifunctional double lip to reduce stick slip effect as it keeps oil between the primary and secondary lip. It also helps to protect against possible impurities and prevent material shrinkage at low temperatures. Last but not least, stabilize the seal.

