

Roten **TYPE E** is a balanced seal for high pressure fluids and is manufactured in the same range of materials as ROTEN **TYPE 2**. Version **E4** is supplied with PTFE gaskets. Version **E5** allows to replace the wearing faces (items 5 and 6) during overhauls, this being its main characteristic.

WE RECOMMEND TO CONSULT OUR TECHNICAL DEPARTMENT FOR ALL APPLICATIONS INVOLVING BALANCED SEALS.

MAX. WORKING CONDITIONS

These depend on: \varnothing shaft, pressure, speed, temperature and fluid to be sealed.

$$p \leq 40 \text{ bar}$$

$$t = -35 \div 180^\circ\text{C}$$

$$v \leq 10 \text{ m/s}$$



TYPE E - EH - EK - EKH				TYPE E4 - E4H - E4K - E4KH		TYPE E5 - E5K		STANDARD MATERIALS
STANDARD		WITH OPEN CAVE (CA)						
POS.	COMPONENTS	POS.	COMPONENTS	POS.	COMPONENTS	POS.	COMPONENTS	
1	Self-driving spring	1	Self-driving spring	1	Self-driving spring	1	Self-driving spring	L1 X1
		2	Washer					G1 L1 X1
				2	Gasket thrust washer			G1 L1 X1
2	Shaft gasket	3	Shaft gasket			2	Shaft gasket	B1 E1 F1 N1 P1 W1 Y1
				3	Wedge shaft gasket			C1 C4**
						3	Frame	L1 X1
						4	Rotary gasket	B1 C1 C4** E1 F1 N1 P1 W1 Y1
3	Rotary seal ring	4	Rotary seal ring	4*	Rotary seal ring			D5 D6 G1 J1 L1 X1 X3 X7
						5	Rotary seal ring	C4 K1 R1 V1 V2 V3 Z1
4	Stationary seal ring	5	Stationary seal ring	5	Stationary seal ring	6	Stationary seal ring	C4 K1 R1 V1 V2 V3 X3
5	Stationary gasket	6	Stationary gasket	6	Stationary gasket	7	Stationary gasket	B1 C1 C4** E1 F1 N1 P1 W1 Y1
6	Spacer (if required)	7	Spacer (if required)	7	Spacer (if required)	8	Spacer (if required)	G1 H1 X1

*Version E4 AA with open slot on rotating

**For particular operating conditions the wedge and stationary gasket may be manufactured in the code C4

