cyclam
Dynamic sealing solutions

Subsidiary of AVO Carbon GROUP

Type TAR & TBR

Counterfaces with « T » section static

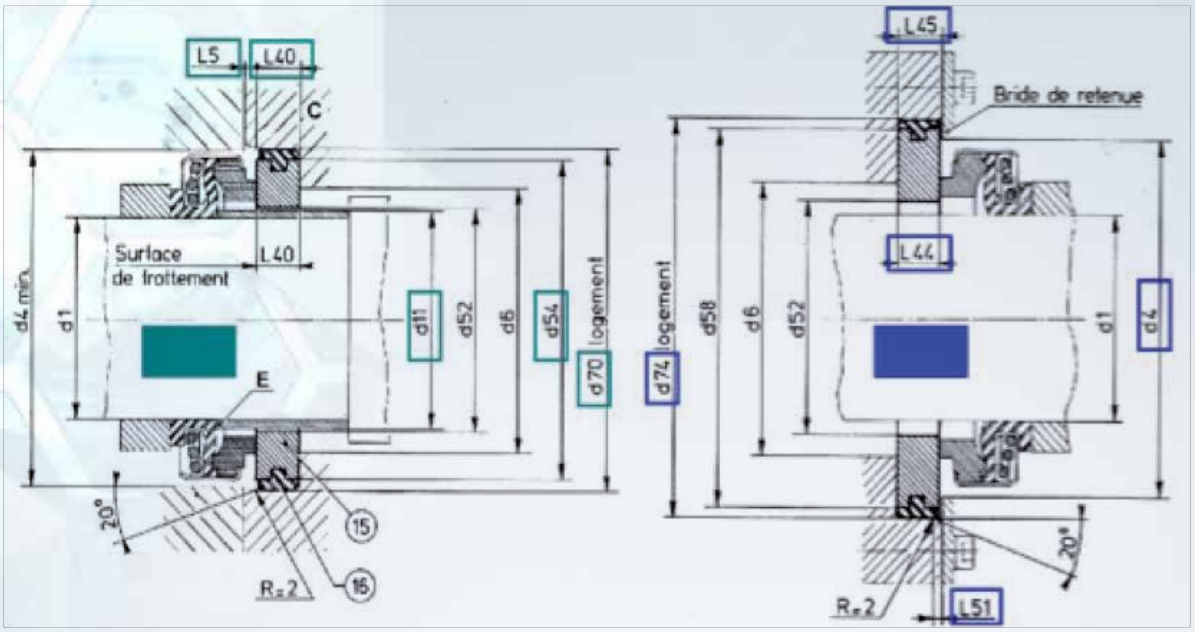
The seals are used in all rotating machines in the relevant industrial sectors. The TAR type is designed for internal fitting, compatible with a retaining sleeve, whilst the TBR type is designed for external fitting.

- Slightly corrosive chemicals
- Monobloc for rapid installation
- Compatible seal types: PRR, EPR.
- **Temperature**: -40 °C to 180 °C (depending on material choice)
- **Pressure**: up to 10 bar (reverse up to 0.4 bar)
- **Max Speed**: 15 m/s
- **Shaft size**: 8 to 70 mm

Performances shown above are minimum values for standard conditions of use; consult our technical experts for validation.

DESIGNATION OF MATERIALS

COMPONENT DESIGNATION	MATERIALS
Friction washer	Molded resin carbon
	Carbographite
	Carbon impregnated with resin
	Silicon carbide
	Tungsten carbide (option)
	PTFE charged glass (optional)
Elastomer parts	Nitrile
	Ethylene propylene
	FPM
Metal part and spring	Stainless steel
Seat	Porous silicon carbide
	Stainless steel
	Silicon carbide
	Alumina (99% optional)
	Tungsten carbide (option)



TAR **TBR**

DIMENSIONS OF TAR AND TBR SEATS (MM)

	SEAT (SHAFT DIAMETER – HOUSING – THICKNESS)	
Shaft diameter (D1)	**TAR (D1 – D70 – L40)**	**TBR (D1 – D74 – L44)**
8	8-26-8	-
10	10-31-8	10-38-8
12	12-35-8	-
14	15-38-8	16-45-8
15	15-38-8	16-45-8
16	16-38-6	16-45-8
17	18-42-8	18-50-10
18	18-42-8	18-50-10
19	20-45-10	20-53-10
20	20-45-10	20-53-10
22	20-45-10	20-53-10
23	25-50-10	25-57-10
24	25-50-10	25-57-10
25	25-50-10	25-57-10
28	30-57-10	30-68-10
30	30-57-10	30-68-10
32	32-57-10	32-68-10
35	35-63-10	-
38	40-68-12	40-80-12
40	40-68-12	40-80-12
45	45-73-12	45-85-12
50	50-88-15	-
55	55-88-15	55-100-15
60	65-110-15	-
65	70-110-15	-
70	70-110-15	-

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