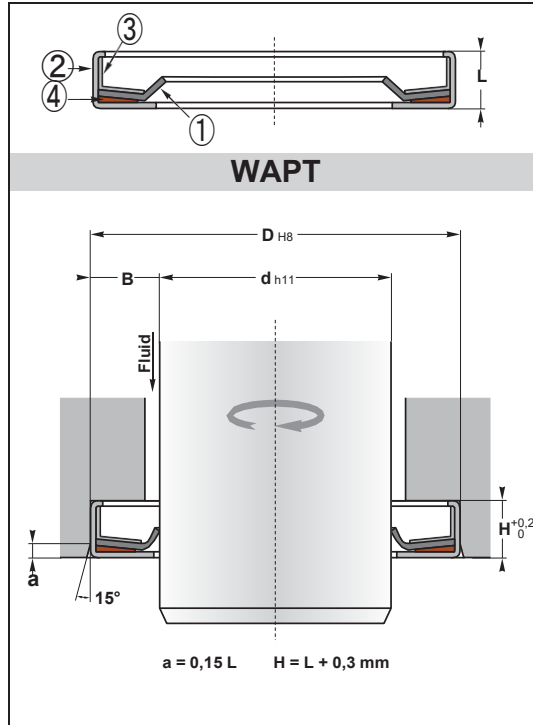




# WAPT

## Carbon-filled PTFE radial oil seal



**WAPT** is used in special range of applications generally in mechanical engineering and in the chemical industry. The sealing lip is made of carbon-filled PTFE which has good resistance to high temperatures and chemicals, but also outstanding friction behaviour and stick-slip free running. The silicone part assures the static sealing.

### Operating conditions

Pressure	≤ 0,05 MPa
Temperature	-60°C to 200°C
Speed	≤ 30 m/s
Fluids	Mineral oils, HFA, HFB, HFC, HFD
Shaft surface hardness	≥ 55 HRC
Shaft hardness depth	≥ 0,3 mm

### Materials

Seal ①	Carbon filled PTFE
Casing ②	SS
Inner casing ③	SS
Static seal ④	MVQ

### Assembly

In open groove

### Advantages

- Good resistance to chemicals
- Stick-slip free
- For high temperatures
- For dry running and insufficient lubrication

Please contact us for applications approaching maximum values.

d	D	L	Reference
20	35	7	WAPT-020035
22	35	7	WAPT-022035
28	40	7	WAPT-028040
30	47	7	WAPT-030047
32	55	8	WAPT-032055
35	55	8	WAPT-035055
40	55	8	WAPT-040055
	62	8	WAPT-040062
42	55	8	WAPT-042055
45	65	10	WAPT-045065
48	65	8	WAPT-048065
50	65	10	WAPT-050065
	68	8	WAPT-050068
	70	10	WAPT-050070

d	D	L	Reference
55	72	8	WAPT-055072
	80	8	WAPT-055080
60	75	8	WAPT-060075
	80	10	WAPT-060080
65	85	10	WAPT-065085
70	90	10	WAPT-070090
75	95	10	WAPT-075095
80	100	10	WAPT-080100
90	110	10	WAPT-090110
100	130	12	WAPT-100130
110	140	12	WAPT-110140
120	150	12	WAPT-120150
150	180	15	WAPT-150180