



Max. Operating Conditions

Depend on compound	Standard (PTFE-bronze)
Temperature (°C)	- 60 / + 200
Speed (m/s)	≤ 15
Media:	Hydraulic fluids upon oil-basis, hardly inflaming hydraulic fluids, HFA-, HFB-Liquids

Recommended Surface Finish

Surface roughness	R_a	R_t
Groove bottom	≤ 1,6 μm	≤ 16 μm
Groove flanks	≤ 1,6 μm	≤ 16 μm
Running surface	≤ 0,3 μm	≤ 3 μm

Material

Metal cage	corrosion-protected
Metal wiper rings	chrome-nickel-alloy
carrier ring and support ring	PTFE-bronze PB / FHG

Technical Description

The wiper of the type **W10** consists of a corrosion-protected metal case, a metal wiper ring and a carrier ring.

The **metal case (1)** is for the reception for the metal wiper ring and the carrier-part.

The **metal wiper ring (2)** takes over the actual wiping-function and features through a save wiping-performance of intense adhesive dirt or ice, which cannot adduced by other systems.

Through a suitable choice of material for the **carrier ring (3)**, the existing service conditions can be taken into account.

In ist standard finish for hydraulic applications, the wiper W10 which is delivered with a carrier part which is made of PTFE-Bronze. It is especially eligible at high temperatures, aggressive media and high upstroke speed.

Further dimensions and in-between-sizes as well as carrier materials are available on request.

Type designation	∅ d	∅ D	L
W10 - 90 - 104 - PB	90	104	8,0
W10 - 95 - 105 - PB	95	105	7,0
W10 - 100 - 110 - PB	100	110	7,0
W10 - 100 - 114 - PB	100	114	8,0
W10 - 105 - 115 - PB	105	115	7,0
W10 - 110 - 120 - PB	110	120	7,0
W10 - 110 - 124 - PB	110	124	8,0
W10 - 115 - 125 - PB	115	125	7,0
W10 - 120 - 130 - PB	120	130	7,0
W10 - 125 - 139 - PB	125	139	8,0
W10 - 125 - 140 - PB	125	140	9,0
W10 - 160 - 177 - PB	160	177	11,0

Further dimension and in-between sizes upon request.