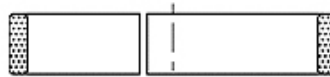
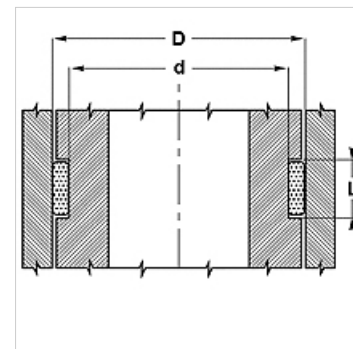


Properties

Design	Guide ring
Sliding speed max.	0,8 m/s
Surface pressure	at 20°C 15 N/mm ² ; at 100°C 10 N/mm ³
Temp. min.	-30 °C
Temp. max.	110 °C
Media	Mineral oils Water emulsions
Installation	insert into the groove
Material	acetal resin + glass fibre
Application	Hydraulics



Toleranz / Tolerance		
D	d	L
H8	0 -0,05	+0,10 0



Note

Calculation of shear force; $F = p \times D \times L \times n$

F = maximum shear force (N)

p = maximum surface pressure (N/mm²)

D x L = projected area (mm²)

n = quantity of rings

Description

Easy working of the fitting groove and assembly.

High load-bearing capacity.

Low coefficient of wear and low coefficient of friction (between 0.05 and 0.1) available in many sizes.

Ordering information

We are able to produce guide rings with diameters of 20 to 510 mm with short lead times.

Item

Identification	D (mm)	d (mm)	L (mm)
E-DWR 20-2-9.6	20	16	9,6
E-DWR 22-2-9.6	22	18	9,6
E-DWR 25-2-9.6	25	21	9,6
E-DWR 28-2-9.6	28	24	9,6
E-DWR 30-2-9.6	30	26	9,6
E-DWR 32-2-9.6	32	28	9,6
E-DWR 34-2-9.6	34	30	9,6
E-DWR 34-2-16	34	30	16,0
E-DWR 35-2-9.6	35	31	9,6
E-DWR 36-2-9.6	36	32	9,6
E-DWR 40-3-9.6	40	34	9,6
E-DWR 40-2-9.6	40	36	9,6
E-DWR 45-3-9.6	45	39	9,6
E-DWR 45-2-9.6	45	41	9,6
E-DWR 50-3-9.6	50	44	9,6
E-DWR 50-3-12.8	50	44	12,8
E-DWR 55-3-12.8	55	49	12,8
E-DWR 56-3-12.8	56	50	12,8
E-DWR 60-3-12.8	60	54	12,8
E-DWR 63-3-12.8	63	57	12,8
E-DWR 65-3-12.8	65	59	12,8
E-DWR 70-3-12.8	70	64	12,8
E-DWR 74-3-12.8	74	68	12,8
E-DWR 75-3-12.8	75	69	12,8
E-DWR 80-3-12.8	80	74	12,8
E-DWR 85-3-12.8	85	79	12,8
E-DWR 90-3-10	90	84	10,0
E-DWR 100-3-12.8	100	94	12,8
E-DWR 105-3-12.8	105	99	12,8
E-DWR 110-3-12.8	110	104	12,8



Item

Identification	D (mm)	d (mm)	L (mm)
E-DWR 115-3-12.8	115	109	12,8
E-DWR 120-3-12.8	120	114	12,8
E-DWR 125-3-12.8	125	119	12,8
E-DWR 135-3-12.8	135	129	12,8
E-DWR 135-3-19.2	135	129	19,2
E-DWR 140-3-12.8	140	134	12,8
E-DWR 150-3-12.8	150	144	12,8
E-DWR 155-3-19.2	155	149	19,2
E-DWR 160-3-19.2	160	154	19,2
E-DWR 165-3-19.2	165	159	19,2
E-DWR 250-3-19.2	250	244	19,2