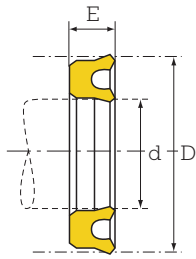
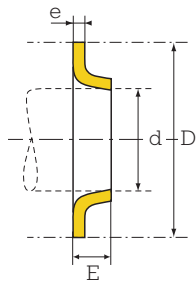


# SEALS FOR SLIDING SHAFTS

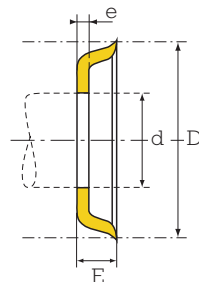
## DIMENSIONS



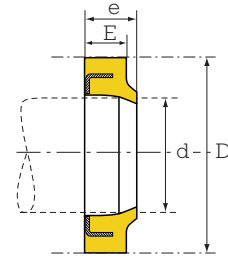
Type DL



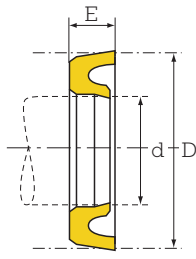
Type LIO



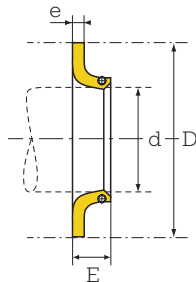
Type LEO



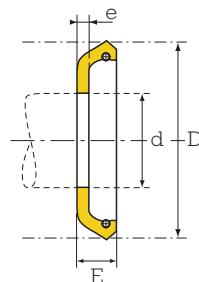
Type DRT



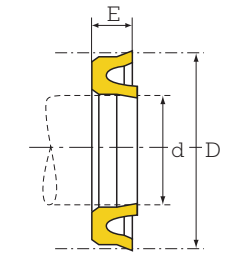
Type DLI



Type LIR



Type LER



Type DLE / DLES

• Width of the groove:  $E + 1$  mm (for DL).

• Operating parameters:

Maximum admissible pressure: 150 bars (for DL) ; 30 bars (for LIO, LEO).

Linear speed admissible: up to 0.3 m/sec depending on the operating conditions.

d mm	D mm	E (x e) mm	Type	Elastomer	Reference
4	14	12	DL	NBR	710093
6	14	11.5	DL	NBR	<b>710620</b>
	32	10	LEO	NBR	714057
8	14	3.5x5	DRT	NBR	711700
	14	4	DLI	NBR	716501
	17.9	5.5x1.5	LEO	NBR	714432
9	20	4	DLS	NBR	710678
10	16	3.5x5	DRT	NBR	711701
	17.9	5.5	LEO	NBR	714045
	20	7	DLP	NBR	711001
11	28	7x2.5	LIO	NBR	712094
	36	12	LEO	NBR	714020
12	18	3.5x5	DRT	NBR	711702
	22	5	DLS	NBR	710679
	22	5	DLI	NBR	716502
	22	5x1.5	LIO	NBR	712350
	25	5.5	DL	NBR	<b>710062</b>
25	6.5	DLS	NBR	710233	
13	21	5x2	LIO	NBR	712414
14	20	3.5x5	DRT	NBR	711703

d mm	D mm	E (x e) mm	Type	Elastomer	Reference
14	26	8	LIR	NBR	713653
	38.1	10	DL	NBR	710132
15	21	3.5x5	DRT	NBR	711704
	25	8	DLT	NBR	711404
	25	10x3	LEO	NBR	<b>714178</b>
	30	10x3	LEO	NBR	<b>714179</b>
16	22	3.5x5	DRT	NBR	711705
	24	9	DL	NBR	710129
	25	6.5	DLE	NBR	716506
	26	8	DLT	NBR	711405
	28	9.6	DL	NBR	710218
	35	10	LER	NBR	715402
	35	10x3	LEO	NBR	714418
	36	8x2.5	LIO	NBR	<b>712095</b>
	38	12	LEO	NBR	714442
40	10	DL	NBR	710343	
40	12x3	LEO	NBR	714864	
18	28	5x7	DRT	NBR	711706
	30	8	DLES	NBR	716531
	30	10	DL	NBR	<b>710290</b>
	32.9	7.2	DL	NBR	710431
	36	6x2	LEO	NBR	714006
	36	7x2.5	LIO	NBR	<b>712005</b>
	38	10	LIR	NBR	713613
	40	6x2	LEO	NBR	<b>714538</b>

The part numbers indicated in bold type are kept in stock.

Abbreviations: NBR = Nitrile; FKM = Fluorocarbon; SIL = Silicone; POL = Polyacrylate; EPD = EPDM; S (in "Type" column) = special shape.



# DIMENSIONS

d mm	D mm	E (x e) mm	Type	Elastomer	Reference
18	45	6x2	LEO	NBR	<b>714645</b>
	52	8x2	LEO	NBR	714013
	55	10x3	LEO	NBR	<b>714471</b>
19	37	12	LEO	NBR	714817
19.6	49	10.5	LEO	NBR	714486
20	28	4.8	DL	NBR	<b>710777</b>
	30	5	DLI	NBR	716503
	30	5x7	DRT	NBR	711707
	30	8	DLT	NBR	711407
	32	8	DL	NBR	710555
	35	6.5	DLS	NBR	710091
	35	12	DL	NBR	<b>710795</b>
	40	8x3	LIO	NBR	<b>721572</b>
	40	12	DL	NBR	710111
	40	10x3	LEO	NBR	<b>714472</b>
	21	40	12	DL	NBR
45		12	DL	NBR	710344
22	28	5x9	DRT	NBR	<b>711742</b>
	32	5x7	DRT	NBR	711708
	32	7	DLP	NBR	711004
	32	8	DLT	NBR	711408
	32	12	DLES	NBR	716588
	40	12	DL	NBR	710527
	44	10x4	LIO	NBR	<b>712533</b>
22.2	38	6x2.5	LIO	NBR	712701
	38	10	LIR	NBR	713702
24	36	8x2.5	LIO	NBR	<b>712348</b>
	36	9.6	DL	NBR	<b>710289</b>
25	35	5x7	DRT	NBR	711709
	40	9	DLP	NBR	711005
	45	11	DL	NBR	<b>710061</b>
	49	10.8	DL	NBR	710060
	25	8x2.5	LIO	NBR	<b>712012</b>
	60	10x5	LEO	NBR	<b>714110</b>
25.4	38.1	8	DLE	NBR	716560
26	41	8.4	DL	NBR	710144
27	40	10	DLE	NBR	716507
28	38	5x7	DRT	NBR	711710
	46	10	DL	NBR	710528
	47.5	4x3	LEO	NBR	714047
	49	13x4	LIO	NBR	<b>712534</b>
29	41	10	DL	NBR	710570
30	40	5x7	DRT	NBR	711711
	40	12	DLES	NBR	716589
	42	8x2.5	LIO	NBR	<b>712092</b>
	45	8	DLI	NBR	716629
	46	12	DL	NBR	<b>710433</b>
	48	10	DLES	NBR	716532
	95	14x4	LEO	NBR	<b>714539</b>
32	42	5x7	DRT	NBR	711712
	47	10	DLT	NBR	711412
	50	9x3	LIO	NBR	712535
	50	12	DL	NBR	<b>710470</b>
34	44	12	DLES	NBR	716596
	50	14.4	DL	NBR	710073
	52	12x3.5	LIO	NBR	<b>712694</b>
35	45	7x10	DRT	NBR	711713
	50	9	DLP	NBR	711006
	51	9.6	DL	NBR	<b>710354</b>
36	46	5x7	DRT	NBR	711714
	50	8	DLI	NBR	716536
	55	12	DL	NBR	710490
	60	10x4	LIO	NBR	<b>712492</b>
40	50	5	DL	NBR	710190
	50	5x8	DRT	NBR	711715
	55	10	DLT	NBR	711415

d mm	D mm	E (x e) mm	Type	Elastomer	Reference
40	60	12	DL	NBR	<b>710422</b>
	62	14.5	DL	NBR	710489
	65	10x5	LIO	NBR	<b>712491</b>
42	52	5x7	DRT	NBR	<b>711716</b>
	52	12	DLES	NBR	716590
45	55	5x7	DRT	NBR	711717
	63	12	DL	NBR	<b>710529</b>
	65	10x4	LIO	NBR	<b>712536</b>
	74	17x5	LIO	NBR	712737
48	63	9	DLP	NBR	711008
	63.5	10	DLE	NBR	716561
	65	3.5x5	LEOS	NBR	714093
50	56	5x7	DRT	NBR	<b>711746</b>
	60	5x7	DRT	NBR	711718
	65	7x10	DRT	NBR	<b>711745</b>
	65	10	DLT	NBR	711417
	70	10x3	LIO	NBR	<b>712571</b>
	70	12	DL	NBR	<b>710530</b>
	74	15	DL	NBR	710078
76	17	DL	NBR	710056	
50.5	66.5	12	DL	NBR	710196
52	68	10	LIR	NBR	713809
	55	63	7x10	DRT	NBR
55	65	5x7	DRT	NBR	<b>711719</b>
	65	12	DLES	NBR	716591
	71	12	DL	NBR	<b>710629</b>
	75	10	DLS	NBR	710057
	80	12x3	LIO	NBR	<b>712822</b>
	56	66	5x7	DRT	NBR
56	72	12	DLES	NBR	716533
	80	12x3	LIO	NBR	<b>712475</b>
	80	14.5	DL	NBR	710474
	57	73	9.6	DL	NBR
58	78	10	DLS	NBR	710058
60	70	5x7	DRT	NBR	711721
	80	10	DL	NBR	710423
	80	12	LIR	NBR	713611
	85	7x2.5	LEO	NBR	<b>714421</b>
	89.5	20x5	LIO	NBR	712823
62	85	12x3	LIO	NBR	712131
63	73	5x7	DRT	NBR	711722
	93	18	DL	NBR	710531
63.5	203.2	28.5x8.7	LEO	NBR	714497
64	80	12	DL	NBR	710434
	82.5	13	DLE	NBR	716562
65	75	5x7	DRT	NBR	711723
	83	12	DL	NBR	<b>710729</b>
	90	10	LER	NBR	<b>715403</b>
	90	10x5	LIO	NBR	<b>712624</b>
70	80	5x7	DRT	NBR	711724
	80	12	DLES	NBR	716592
	86	12	DL	NBR	<b>710635</b>
	95	15	DL	NBR	<b>710025</b>
75	83	7x10	DRT	NBR	711725
	91	12	DL	NBR	<b>710413</b>
	100	10x3	LIO	NBR	712022
76.2	107.8	26.5	DL	NBR	710569
78	94	12	DL	NBR	710632
80	88	7x10	DRT	NBR	711726
	90	7x10	DRT	NBR	<b>711744</b>
	94	9	DLE	NBR	716335
	100	12	DLT	NBR	711425
	100	17	DL	NBR	710169
	117	14	LIR	NBR	<b>713796</b>

The part numbers indicated in bold type are kept in stock.

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# DIMENSIONS

d mm	D mm	E (x e) mm	Type	Elastomer	Reference
85	95 103	7x10 13x3	DRT LIO	NBR NBR	<b>711743</b> 712981
86	117	14	LIR	NBR	713740
88	110	8x3.5	LIO	NBR	712430
90	100 130	7x10 10x4	DRT LIO	NBR NBR	<b>711727</b> 712821
92	112	12.6	DL	NBR	710068
94	112	12	DL	NBR	710079
98	114	12	DL	NBR	710724
100	110 116	7x10 7	DRT LER	NBR NBR	<b>711728</b> 715666
104	120	11	DLE	NBR	716549
106	122	12	DL	NBR	710805

d mm	D mm	E (x e) mm	Type	Elastomer	Reference
110	120 126	7x10 7	DRT LER	NBR NBR	<b>711729</b> 715667
115	130.2	6.5	LEOS	NBR	714008
116	202	20	LEOS	NBR	714004
120	136	7	LER	NBR	715668
125	140	9x12	DRT	NBR	711735
130	160	18	DLP	NBR	711013
140	160 160 170	18 18 18	DL DL DLT	NBR NBR NBR	710002 710047 711433
150	209	25	LEO	NBR	714781
196	228	24	DL	NBR	710001
196.3	232	21	DL	NBR	710004
278	304.8	24	DL	NBR	710564

The part numbers indicated in bold type are kept in stock.

Abbreviations: NBR = Nitrile; FKM = Fluorocarbon; SIL = Silicone; POL = Polyacrylate; EPD = EPDM; S (in "Type" column) = special shape.

## OTHER PAULSTRA DOCUMENTATION

Available upon request



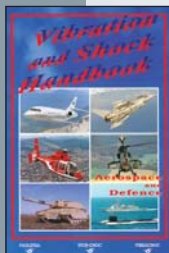
**FLEXIBLE MOUNTINGS CATALOG**



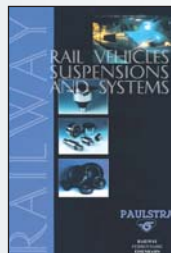
**METAL MOUNTINGS VIBRATION RANGE CATALOG**



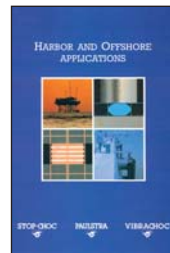
**FLEXIBLE COUPLINGS CATALOG**



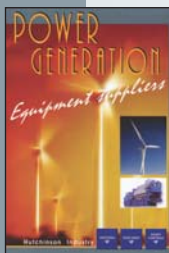
**AEROSPACE AND DEFENCE CATALOG**



**RAILWAY CATALOG**



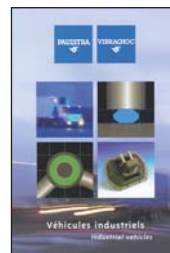
**OFFSHORE CATALOG**



**POWER GENERATION CATALOG**



**MARINE / NAVY CATALOG**



**INDUSTRIAL VEHICLES CATALOG**

