

VIII - CLASSIFICATION OF THE MAIN PROFILES OF LIP SEALS

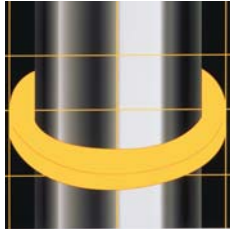
	SPRING			CORRU-GATED COVER (W)	ANTI-DUST LIP		RIDGES		
	embedded (I)	visible (E)	none (O)		WITHOUT SPRING (L)	WITH SPRING (R)	to the left (G)	to the right (D)	bi-direct. (V)
I Covered outer ring	II 	IE 	IO 	IEW 	IEL 	IELR 	IEG 	IED 	IEV
E Bare outer ring	-	EE 	EO 	-	EEL 	EELR 	EEG 	EED 	EEV
CS Bare outer ring reinforced	-	-	-	-	CSEL 	-	-	-	-
M Semi-covered outer ring	-	ME 	MO 	MEW 	MEWL 	MEWLR 	MEG 	MED 	MEV

Note : other cases are available
 X = exterior lip
 S = special cross-section
 P = protector

New range :
CSEL
 seals with bare outer ring reinforced

CLASSIFICATION EXAMPLE

M Semi-covered	M Semi-covered	M Semi-covered
E Spring visible	E Spring visible	O No spring
W With corrugations	W With corrugations	W With corrugations
LR Anti-dust lip with spring	G Ridges to the left	L Anti-dust lip

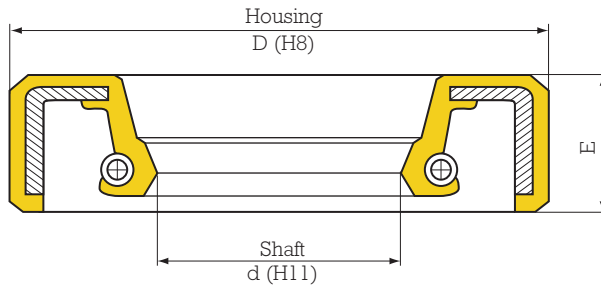


SEALS FOR ROTATING SHAFTS



**New !
CSEL Seals**

SEALS WITH NITRILE AND FLUOROCARBON ELASTOMER



- The part numbers indicated in bold type are normally kept in stock.
- Special elastomers are available on request.

Part numbers ending in 81 are fitted with a STAINLESS STEEL SPRING.

Due to low demand we have now stopped making the II/III range of seals (with moulded in spring). Please refer to our cost effective standard range of seals (IE/IEL or CSEL type in both Nitrile or Fluorocarbon elastomer) to find the nearest equivalent. Our Technical support service is at your disposal to help you.

d mm	D (mm)	E (mm)	Type	Elastomer	Reference
5	15	6	IE	NBR	722034
	15	6	IEL	NBR	792593
	16	5	IO	NBR	723218
5.5	16	7	IE	FKM	772145
6	12	3.5	IE	NBR	772315
	15	7	IE	NBR	772309
	16	7	IE	NBR	722987
	22	7	IE	NBR	722196
	22	7	IOS	NBR	726167
6.3	19	5	IEW	NBR	772402
	19	6.3	IE	NBR	722416
	19	6.3	IE	FKM	772122
7	16	7	IE	NBR	722290
	19	6	IE	NBR	722399
	22	7	IE	NBR	722721
8	11.5	2.5	OOS	NBR	727093
	14	3	IO	NBR	723227
	14	3	IO	NBR	723250
	14	3	IO	NBR	723279
	15	5	IE	NBR	772233
	16	6.5	IE	NBR	722455
	16	6.5	IO	NBR	723216
	18	5	IE	NBR	722477
	18	5	IE	FKM	722477
	18	5	IEL	NBR	795694
	22	6	IEWL	NBR	725696
	22	7	IE	NBR	772023
	22	7	IEL	NBR	792595
	22	8	IE	NBR	722211
	22	8	IE	FKM	722907
24	7	IE	NBR	772024	
8.4	16	6.5	IE	NBR	722061
9	22	7	IE	NBR	722981
	24	7	IE	NBR	772026
	25	8	IE	NBR	722273
	26	7	IE	NBR	772028
	28	8	IE	NBR	772330
9.2	19	5.3	IE	NBR	722003
9.8	18	5	IOS	NBR	726787

d (mm)	D (mm)	E (mm)	Type	Elastomer	Reference
10	16	5	IE	FKM	722393
	18	5	IE	NBR	722495
	19	7	IE	NBR	722164
	22	7	IE	NBR	722940
	22	7x8	IELS	NBR	725331
	22	8	IE	NBR	722294
	25	8	IE	NBR	722267
	26	7	IE	NBR	722983
	28.5	8	IE	NBR	722783
	35	8	IE	NBR	722784
10.3	22	8	IE	NBR	772311
10.8	22.2	6.3	IE	NBR	722417
11	17	4	IE	NBR	772379
	17	4	IEWL	NBR	725694
	22	7	IE	NBR	772010
	24	8	IEL	NBR	725183
	25	8	IE	NBR	722065
	26	7	IE	NBR	772027
	26.9	8	IE	NBR	722007
12	28.5	8	IE	NBR	722785
	18	4	IOS	NBR	726024
	18.2	4	IOS	NBR	726072
	19	5	IE	NBR	792700
	20	5x6	EELS	NBR	725519
	22	4	IE	NBR	722372
	22	4	IE	NBR	772314
	22	4	IE	NBR	792701
	22	4	IEL	NBR	792596
	22	4.5	IE	NBR	722303
	22	7	IE	NBR	722660
	22	7	IE	FKM	722660/81
	22	7	IEL	NBR	792507
	22	8	IE	NBR	722295
	24	6.5	IE	NBR	722395
24	6.5	IEL	NBR	792597	
24	7	IE	NBR	772204	
24	7	IE	FKM	772204/81	
26	8	IE	NBR	722109	
26	8	IEL	NBR	725352	
26	8x13	IES	NBR	726223	
26	10	IELRS	NBR	725735	
28	7	IE	NBR	722992	
28	7	IE	NBR	772346	
28	8	IE	NBR	722268	

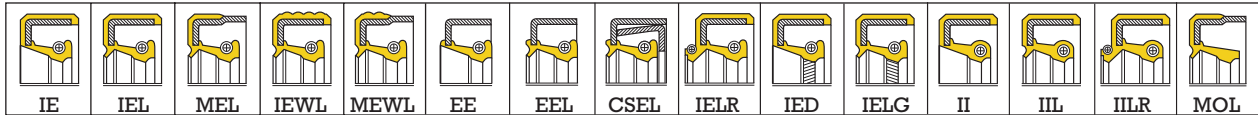
The fluorocarbon seals previously with the suffix 83 now have the suffix 81. Suffix 83 parts may be delivered until stocks are replaced with parts having the suffix 81.

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

**Stainless steel spring.

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





d (mm)	D (mm)	E (mm)	Type	Elastomer	Reference
12	28	8	IEL	NBR	725589
	28.5	8	IE	NBR	722786
	30	7	IE	NBR	772011
	30	8	IE	NBR	722189
	30	8x13	IELS	NBR	725492
	30	8x13	IOS	NBR	726342
	32	8x13	IES	NBR	726594
	32	8	IE	NBR	722320
	32	10	IE	NBR	792702
	32.9	5	EOS	NBR	726407
	35.9	5	EOS	NBR	726397
12.5	22	4.5	IE	NBR	722810
	22	8	IE	NBR	722545
13	24	7	IEL	NBR	725330
	25	8x14	IELS	NBR	725134
	26	6	IE	NBR	792703
	26	9	IEL	NBR	725297
	26	9	IOS	NBR	726075
	30	8	IE	NBR	722013
	35	10	IE	NBR	772345
14	22	4	IE	NBR	722234
	22	4	IE	NBR	772308
	22	4	IEL	NBR	792598
	22	4	IOS	NBR	726385
	22	7	IE	NBR	722453
	24	6	IEL	FKM	725628
	24	7	IE	NBR	722659
	24	7	IE	FKM	722659/81
	26	8	IE	NBR	722177
	26	8x10	IELS	NBR	725342
	28	7	IE	NBR	722986
	30	7	IE	NBR	772029
	30	8	IE	NBR	722451
	30	10	IEL	NBR	725140
	35	7	IE	NBR	772030
	43	10	IELS	NBR	725566
	45.9	10	IELS	NBR	725512
14.5	24	7	IE	NBR	722249
15	21	4	IO	NBR	723412
	21	4.4	EEL	NBR	725333
	23	4	IEWL	NBR	725691
	24	4.5	IE	NBR	772303
	24	4.5x5.5	IELS	NBR	725611
	24	7	IE	NBR	722266
	24	7	IE	FKM	722266/81
	24	7	IE	FKM	772289
	24	7	IEL	FKM	725658
	24	7	IEL	NBR	792599
	25	5	IE	NBR	792704
	25.5	4.6	IE	NBR	722494
	25.5	4.6	IE	NBR	772344
	25.5	4.6	IE	FKM	772344
	26	6	EEL	NBR	725483
	26	7	IE	NBR	722616
	26	7	IE	NBR	722832
	26	7	IE	FKM	722616/81
	26	9	EEL	NBR	725443
	26.5	4.6	IE	FKM	772326/81
	28	4	IE	NBR	722001
	28	4	IEL	NBR	792600
	28	9	IE	NBR	792706
	30	4.5	IE	NBR	722257
	30	6	IE	NBR	722780
	30	7	IE	NBR	722106
	30	7	IE	FKM	722106/81
	30	7	IEL	NBR	792601
	30	8	IE	NBR	722788
	32	7	IE	FKM	772130
	32	7	IEL	NBR	792508
	33	5.5	IE	NBR	722787
	33	7	IE	NBR	722042
	33	8	IE	NBR	722347
	33	10	IEL	NBR	725669
	35	7	IE	NBR	772007
	35	7	IE	FKM	772007/81
	35	7	IEL	NBR	792602

d (mm)	D (mm)	E (mm)	Type	Elastomer	Reference
15	35	8	IE	NBR	722316
	35	10	IE	NBR	722300
	35	10	IEL	NBR	725739
	42	8	IE	NBR	722296
15.2	30	4.6	IOS	NBR	726188
15.6	25	7	IE	NBR	722006
15.7	25.5	4.6	IE	NBR	722021
15.8	28.5	9.5	IE	NBR	722104
	28.5	9.5	IEL	NBR	725045
15.9	28.6	9.5	IE	NBR	722150
	35	8x11.5	IOIS	NBR	723260
16	22	3	IOS	NBR	726280
	22	3	IOS	NBR	726303
	22	4	EE	NBR	720047
	22	4	EEL	NBR	726353
	22.7	4.2	IE	NBR	772278
	24	6	IEL	NBR	725659
	24	7	IE	NBR	722769
	26	7	IEL	NBR	725811
	28	7	IEL	NBR	792603
	28	7	IE	NBR	772012
	28	8	IE	NBR	722613
	28	8	IE	NBR	722742
	28.5	6.3	IE	NBR	722256
	28.7	9.5	IE	NBR	722141
	30	4.5	IE	NBR	722184
	30	7	IE	NBR	772021
	30	7	IE	FKM	772021/81
	30	10	IE	FKM	772291
	32	7	IE	NBR	772031
	32	7	IE	FKM	772031/81
	33	8	IE	NBR	722717
	35	6x6.5	IES	NBR	726339
	35	7	IE	NBR	722043
	35	7	IEL	NBR	792604
	35	10	IEL	NBR	725141
	38	4	IE	NBR	722593
16.8	24	4	IO	NBR	723801
	47	7	IE	NBR	722798
17	26	6	IE	NBR	792707
	27	6	IEL	NBR	725668
	28	6	IE	NBR	772288
	28	6	IEL	NBR	792830
	28	6x6.3	IELV	FKM	704020
	28	7	IE	NBR	722969
	28	7	IE	FKM	722969/81
	28	7	IEL	NBR	725602
	28	7x13	EESD	NBR	702224
	28	8	IELR	FKM	725649
	28	8	IELR	FKM	725661
	29	7x13	EESG	NBR	702225
	30	7	IE	NBR	722726
	30	7	IEL	NBR	792509
	30	7	IE	FKM	722726/81
	32	7	IE	NBR	722123
	32	7	IE	FKM	722123/81
	32	9	IE	NBR	722696
	34	4	IE	NBR	722603
	35	7	IE	NBR	722989
	35	7	IE	NBR	772385
	35	7	IE	FKM	722989/81
	35	7	IEL	NBR	792605
	35	8	IE	NBR	722201
	35	8	IEL	NBR	725351
	35	8	IED	NBR	702003
	35	8x13	IESG	NBR	702012
	35	8x13	IESD	NBR	702066
	40	7	IE	NBR	722735
	40	7	IEL	NBR	792606
	40	8	IE	NBR	722315
	40	10	IE	NBR	722314
	47	8	IE	NBR	722674

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 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.
 **Stainless steel spring.



SEALS WITH NITRILE AND FLUOROCARBON ELASTOMER

New !
CSEL Seals

d mm	D mm	E mm	Type	Elastomer	Reference	d mm	D mm	E mm	Type	Elastomer	Reference												
17.5	34	8x15	IESD	NBR	702051	20	40	7	IES	NBR	726104												
17.7	30	5	IO	NBR	723264	40	7	EES	NBR	NBR	726139												
17.9	35.5	8.2	IEL	NBR	725652	40	8	IE	NBR	NBR	722226												
18	25	7	IE	NBR	722628	40	8	IEL	NBR	NBR	725682												
						40	10	IE	NBR	NBR	722119												
						40	10	IELS	NBR	NBR	725455												
						42	6	IE	NBR	NBR	722772												
						42	6	IEL	NBR	NBR	792609												
						43	8.5	II	NBR	NBR	721250												
						45	10	IELS	NBR	NBR	725503												
						46	10	EELS	NBR	NBR	725535												
						46.4	10	EELS	NBR	NBR	725541												
						46.4	10	EELS	NBR	NBR	725561												
						46.5	10	IELS	NBR	NBR	725328												
						47	7	IE	NBR	NBR	722671												
						47	7	IE	FKM	FKM	722671/81												
						47	7	IEL	NBR	NBR	792513												
						47	10	IE	NBR	NBR	722083												
						52	10	IE	NBR	NBR	722155												
						52	10	IEL	NBR	NBR	792610												
52	10	IE	FKM	FKM	772432/81																		
57	6.5	EES	NBR	NBR	726963																		
62	6.5	IES	NBR	NBR	726134																		
18.6	30	4.7	IOS	NBR	726461	20.5	35	8x13	IEL	NBR	725286												
19	27	6	IE	NBR	722384	20.8	32	8	IE	NBR	722419												
						21	31	3.5x4.5	IES	FKM	726380	31	3.5x4.5	IES	NBR	726309							
												31	8	IE	NBR	722360							
												35	8	IE	NBR	772121							
												21.9	47	8	EED	FKM	702356	22	32	4.6	IEL	NBR	725614
																		32	4.6	IOS	NBR	726017	
19.3	30	4.7	IOS	NBR	726462	32	7	IE	NBR	722850													
						32	7	IE	NBR	772310													
						32	7	IE	FKM	722850/81													
						32	7	IE	NBR	772123													
						32	7	IE	NBR	792514													
						33	7	IE	NBR	792710													
						35	5	IE	NBR	722732													
						35	5	IEL	NBR	792611													
						35	7	IE	FKM	722727													
						35	7	IEL	NBR	792515													
19.6	31.1	8	IE	NBR	722244	35	7	IEL	NBR	721676													
						35	8	IE	NBR	722675													
						35	8	IEL	NBR	725027													
						35	10	IE	NBR	722285													
						38	8	IE	NBR	792500													
						40	7	IE	FKM	772179													
						40	7	IE	FKM	772338/81													
						40	7	IE	FKM	772366													
						40	7	IEL	NBR	725438													
						40	7	II	NBR	721404													
19.8	38	9.9	IE	NBR	722600	40	8	IE	NBR	722519													
						40	8	IE	FKM	722519/81													
						40	8	IEL	NBR	725421													
						40	8	II	NBR	721165													
						40	8x10	IELS	NBR	725191													
						40	13x15.5	IES	NBR	726142													
						43	8	IE	NBR	722699													
						45	7	IEWLGS	FKM	702623													
						45	8	IOS	NBR	726168													
						47	7	IE	NBR	772033													
47	10	IE	NBR	792711																			
19.9	28	5	IEW	NBR	772408	22.2	38.2	9.7	IE	NBR	722920												
						20	28	4	IE	NBR	792709	23	33	4.8	IOS	NBR	726143						
												28	7	IE	NBR	722133							
												30	3	IO	NBR	723551							
												30	4.5	IES	NBR	726304							
												30	4.6	IOS	NBR	726187							
												30	4.7	IE	NBR	722342							
												30	4.7	IE	NBR	722146							
												30	5	IEL	NBR	725349							
												30	5	IEL	NBR	792608							
30	7	IE	NBR	722258																			
30	7	IE	FKM	722258/81																			
30	7	IEL	NBR	792510																			
30	7	IEL	FKM	725660																			
31	8	IEWLGD	FKM	702416																			
32	7	IE	NBR	722479																			
32	7	IE	FKM	722479/81																			
32	7	IEL	NBR	725280																			
33	8	IE	NBR	722002																			
33	8	IEWLGS	FKM	702415																			
33.2	8	EOS	NBR	726155																			
35	6	IO	NBR	723626																			
35	7	IE	NBR	722952																			
35	7	IE	FKM	722952/81																			
35	7	IEL	NBR	792511																			
35	8	IE	NBR	722506																			
35	8	II	NBR	721220																			
35	10	IE	NBR	722521																			
35	10	II	NBR	721182																			
36.5	8x15	IESPD	NBR	NBR	702254	23.5	29.5	3.3	IO	NBR	723283												
						37	8	IE	NBR	722789													
						38	6	IE	NBR	722773													
						38	8	IE	NBR	722163													
						38	8	IEL	NBR	725476													
						40	6x10	IELS	NBR	725120													
						40	7	IE	NBR	722642													
						40	7	IE	NBR	772185													
						40	7	IE	FKM	722642/81													
						40	7	IEL	NBR	792512													
24	30	4	IOS	NBR	726050																		
30	5.4	IOLS	NBR	726288																			
34.4	5	IES	NBR	726079																			

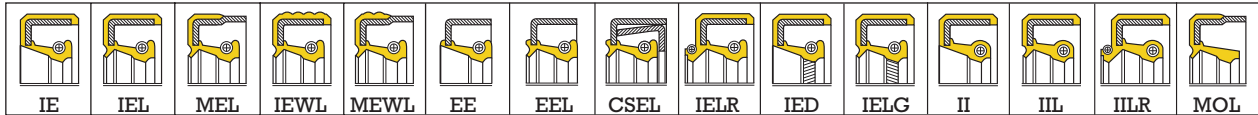
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**Stainless steel spring.

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





d mm	D mm	E mm	Type	Elastomer	Reference
24	34.6	14.3x19.5	EES	NBR	726472
	35	7	IE	NBR	772034
	35	7	IEL	NBR	792612
	36	7	IE	NBR	772328
	36	8x12	IESD	NBR	702028
	37	7	IE	NBR	722909
	37	7	IE	FKM	722909/81
	38.5	7	IIL	NBR	724028
	38.5	10	IE	NBR	722227
	38.5	10	IED	NBR	702005
	40	7	IE	NBR	772035
	40	8	IEL	NBR	725406
	42	8	IE	NBR	792713
	46	10	IE	NBR	722028
	47	7	IE	NBR	722977
	47	7	IE	FKM	772367
	47	10	IE	NBR	722176
	50	10	IE	NBR	792714
	50.5	11	II	NBR	721151
24.5	40	8.4	IEWD	FKM	702565
	42	6	IED	FKM	702598
24.7	35	4.8	IOS	NBR	726313
	40	7	IEL	NBR	725205
	40	7	II	NBR	721009
24.8	42	8	IE	NBR	722584
24.9	40	8	IELD	NBR	702231
25	33	7	IE	NBR	722132
	35	5	IE	NBR	722401
	35	5	IE	FKM	722702
	35	6	IE	NBR	722771
	35	7	IE	NBR	722670
	35	7	IE	FKM	722670/81
	35	7	IEL	NBR	725301
	35	7	IEL	NBR	725638
	35	5	IEL	NBR	792613
	35	7	IELR	NBR	725703
	35	7	IELR	FKM	725705
	35	10	IE	NBR	722161
	35	10.5	IEDP	NBR	702275
	36	7	IE	NBR	792715
	36	8	IOS	NBR	726123
	36	8	OOS	NBR	727034
	36	10	IE	NBR	722588
	37	6	IE	NBR	792716
	38	7	IE	NBR	722259
	38	7	IEL	NBR	792614
	38.3	10	IE	NBR	722147
	40	6	IE	NBR	722761
	40	7	IE	NBR	722799
	40	7	IE	FKM	722799/81
	40	7	IEL	NBR	725767
	40	8	IE	NBR	722508/81
	40	8	IE	FKM	722505/81
	40	8	IEL	NBR	725067
	40	8	II	NBR	721174
	40	10	IE	NBR	792717
	40	5x75	IELS	NBR	725650
	42	7.5	IE	NBR	722439
	42	7	IE	NBR	772201
	42	7	IEL	NBR	792615
	42	7	IEWLD	FKM	702621
	42	8	IE	NBR	722517
	42	8	IE	FKM	722517/81
	42	8	IEL	NBR	725621
	42	8	IED	FKM	702410
	42	10	IEL	NBR	792501
	42	10.3x11	IELS	NBR	725466
	43	7	IE	NBR	722091
	43	8	IE	NBR	722683
	45	7	IE	NBR	722310
	45	11	IE	NBR	722866
	45	11	II	NBR	721898
	46	7	IE	NBR	792718
	46	7.5	II	NBR	721153
	47	7	IE	NBR	722523
	47	7	IE	FKM	772339/81

d mm	D mm	E mm	Type	Elastomer	Reference
25	47	7	IEL	NBR	792517
	47	7	II	NBR	721353
	47	10	IE	NBR	722524
	47	13.5	IELS	NBR	725400
	49	10	IE	NBR	722117
	50	10	IE	NBR	722260
	52	7	IE	NBR	722910
	52	7	IEL	NBR	792518
	52	7	IEL	NBR	792616
	52	7	IE	FKM	722910/81
	52	8	IEL	NBR	725037
	52	10	IE	NBR	792719
	62	10	IE	NBR	792720
25.4	41.2	11	II	NBR	721657
	42.9	5	IE	NBR	772220
	44.4	5	IE	NBR	722094
26	36	7	IE	NBR	792721
	37	7	IE	NBR	722990
	37	7	IE	FKM	722990/81
	42	8	IE	NBR	722411
	42	8	IEL	NBR	725080
	42	8	IEWLD	FKM	702554
	47	7	IE	NBR	772037
	52	8	IE	NBR	792722
26.7	46.5	11.3	IE	NBR	722757
	46.5	11.3	II	NBR	721172
27	37	7	IE	NBR	722171
	42	10	IEL	NBR	725733
	42	10x13	IED	NBR	702014
	45	6	IE	NBR	722790
	47	7	IE	NBR	722797
	47	8	IE	NBR	722509
	47	8	II	NBR	723104
27.5	34	4	IO	NBR	723800
	35	4	IO	NBR	723277
28	36	8	IE	NBR	722031
	36	8	IEL	NBR	792617
	37	7	IEWL	NBR	725685
	38	7	IE	NBR	772164
	38	7	IE	NBR	792723
	38	7	IEWG	FKM	702549
	40	7	IE	NBR	722212
	40	7	IE	NBR	772312
	40	7	IE	FKM	722212/81
	40	7	IEL	NBR	792519
	40	7	IEWD	NBR	702497
	42	8	IE	NBR	722193
	43	8	II	NBR	721456
	43	10	IE	NBR	792724
	43	10	IEL	NBR	725131
	45	8	IE	NBR	722967
	45	8	IE	FKM	722967/81
	45	8	IEL	NBR	792618
	45	11.5	EESF	NBR	726348
	47	7	IE	NBR	722911
	47	7	IED	NBR	702257
	47	7	IEL	NBR	792619
	47	10	IE	NBR	722490
	47	10	IEL	NBR	725606
	47	10	II	NBR	721194
	47	10	IIL	NBR	724229
	50	10	IE	NBR	792725
	52	7	IE	NBR	772038
	52	10	IEL	NBR	79281901
	52	10	II	NBR	721222
	52	10	IOS	NBR	726323
	52	10x11	IELS	NBR	725377
	65	10	IE	NBR	772286
28.5	45	8.5	IE	NBR	725062
28.6	38.1	6.3	IE	NBR	722305
	39.6	4.7	IOS	NBR	726311
28.8	46.5	11.2	IE	NBR	722959

The fluorocarbon seals previously with the suffix 83 now have the suffix 81. Suffix 83 parts may be delivered until stocks are replaced with parts having the suffix 81.

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

**Stainless steel spring.

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



SEALS WITH NITRILE AND FLUOROCARBON ELASTOMER

New ! CSEL Seals

d mm	D mm	E mm	Type	Elastomer	Reference	d mm	D mm	E mm	Type	Elastomer	Reference	
28.8	46.5	11.2	II	NBR	725950	31	47	7	IE	NBR	722672	
	46.5	11.2	II	NBR	721022		55	10	II	NBR	721156	
	46.5	11.2	IE	NBR	724215	31.7	42.9	4.7	IOS	NBR	726463	
29	46	10	IE	NBR	722966		32	42	7	IEW	FKM	702498
	46	10	II	NBR	721183			45	6	IE	NBR	792732
	46.4	12	II	NBR	721148	45		7	IE	NBR	722913	
	50	10	IE	NBR	722066	45		7	IEL	NBR	792528	
29.8	47	9.9	IEL	NBR	725631	45		10	IE	NBR	722409	
	47	9.9	ESWLD	NBR	702686	45		10	IEG	NBR	702240	
29.9	48.4	6.3	IOS	NBR	726566	46		7	IEL	NBR	725208	
						46		7x9.7	IELS	NBR	725563	
30	40	7	IE	NBR	722623	47		7	IE	NBR	772013	
	40	7	IE	FKM	722623/81	47		7	FKM	NBR	772013/81	
	40	7	IEL	NBR	792520	47	7	IEL	NBR	792625		
	40	7	IED	FKM	702409	47	8	IE	NBR	722617		
	40	7	IEWLD	FKM	702622	47	8	IEL	NBR	722626		
	41	4.7	IOS	NBR	726312	47	8	II	NBR	721046		
	42	5.7	IE	NBR	722583	47	12	IELR	NBR	724851		
	42	6	IEWL	NBR	725637	48	8	IE	NBR	792734		
	42	6x6.5	IELV	NBR	704033	50	8	IE	FKM	722518/81		
	42	7	IE	NBR	722737	50	8	IE	NBR	722518		
	42	7	IE	FKM	722737/81	50	8	IEL	NBR	792529		
	42	7	IEL	NBR	792521	50	8	II	NBR	721067		
	42	7	IEW	FKM	772409	50	9	IOS	NBR	726015		
	42	8	IE	NBR	722722	50	10	IE	NBR	722607		
	42	8	IEL	NBR	725143	50	10	II	NBR	721185		
	42	8	IEG	NBR	702107	50	10	IELS	NBR	725408		
	42	8	IELD	NBR	702408	52	7	IE	NBR	772202		
	42	8	IOS	NBR	726236	52	7	IEL	NBR	792628		
	45	8	IE	NBR	722402	52	7	IE	FKM	772202/81		
	45	8	IEL	NBR	792620	52	7.5	IE	NBR	722478		
	45	8	IE	NBR	722684	52	7.5	II	NBR	721154		
	45	8	IE	NBR	722684	52	7.5x13.5	IELR	NBR	725897		
	45	8	IEL	NBR	792621	52	10	IEL	NBR	725565		
	45	10	IE	NBR	722541	52	10	IEL	NBR	792627		
	45	10	II	NBR	721175	52	10	IEG	NBR	702342		
	45	13	IEL	NBR	725085	52	12	IE	NBR	722557		
	47	6	IEWD	FKM	702522	54	8	IE	NBR	722039		
	47	7	IE	NBR	772039	54	8	II	NBR	721068		
	47	7	IE	FKM	772039/81	55	10	IE	NBR	792735		
	47	7	IEL	NBR	792522	55	10	IEL	NBR	79281801		
	47	8	IE	NBR	722204	56	10	II	NBR	721162		
	47	8	IEL	NBR	725293	56	12	IE	NBR	722038		
	47	10	IE	NBR	792726	56	12	II	NBR	721096		
	48	8	IE	NBR	722500	62	10	IE	NBR	792736		
	48	8	IE	NBR	72250001	33	45	7	IE	NBR	792737	
	48	8	IE	NBR	722901		48	8	IE	NBR	722971	
	48	8	IE	FKM	722500/81		48	8	II	NBR	721145	
	48	8	IEL	NBR	792523	33.5	47	4	IO	NBR	723252	
	48	10	IE	NBR	792727		34	46	8	IE	NBR	792738
	50	7	IEW	FKM	772410	50		10	IE	NBR	792739	
50	7	MEWLD	FKM	702540	52	7		IE	NBR	792814		
50	10	IE	NBR	722836	52	7.5		II	NBR	721279		
50	10	IEL	NBR	792524	54	9		IE	NBR	722092		
50	10	II	NBR	721184	54	10		IE	NBR	722685		
50	11	II	NBR	721149	34.8	50		7	IE	FKM	772400	
52	7	IE	NBR	722912		34.9	54	11	IE	NBR	722023	
52	7	IE	FKM	722912/81			55.8	9.3	IELG	NBR	702299	
52	7	IEL	NBR	792525			57.2	12.7	IE	NBR	722985	
52	10	IE	NBR	792728			57.2	12.7	II	NBR	721468	
52	10	IEL	NBR	792622			58	9.8	IE	NBR	772276	
55	7	IE	NBR	772342			63.5	12.5	IELG	NBR	702183	
55	10	IE	NBR	722892			35	45	6	IE	NBR	722400
55	10	IEL	NBR	792526				45	6	IE	FKM	722400/81
55	10	II	NBR	721102				45	7	IEL	NBR	792629
56	10	IEL	NBR	792623	47			6	IEWLD	FKM	702535	
60	10	IE	NBR	792729	47	7		IE	NBR	722915		
62	7	IE	NBR	772040	47	7		IE	FKM	722915/81		
62	7	IE	FKM	772040/81	47	7		IEL	NBR	725411		
62	7	IEL	NBR	792527	47	8		IE	NBR	722554		
62	8	IES	NBR	726113	50	5		IE	NBR	722266		
62	10	IE	NBR	792730	50	5.8		IE	NBR	722484		
62	10	IEL	NBR	792624	50	7	IE	NBR	722022			
72	10	IE	NBR	792731								
30.1	50.7	11	II	NBR	721329							
31	42	8	IE	NBR	722691							

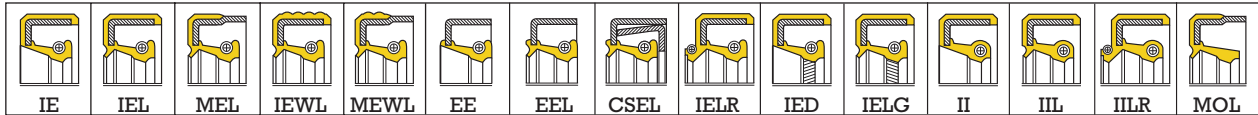
The fluorocarbon seals previously with the suffix 83 now have the suffix 81. Suffix 83 parts may be delivered until stocks are replaced with parts having the suffix 81.

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**Stainless steel spring.

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





d mm	D mm	E mm	Type	Elastomer	Reference
35	50	7	IE	FKM	722022/81
	50	7	IEL	NBR	792530
	50	7	MEWD	FKM	702371
	50	8	IE	NBR	722389
	50	8	IEL	NBR	725489
	50	8	IED	NBR	702239
	50	10	IIL	NBR	724001
	50	10	IEL	NBR	792630
	50	12	IE	NBR	722525
	50	12	II	NBR	721069
	52	7	IE	NBR	722014
	52	7	IE	FKM	722014/81
	52	7	IEL	NBR	792531
	52	8	IE	NBR	722778
	52	8	IEL	NBR	792532
	52	8	IES	NBR	726705
	52	10	IE	NBR	722526
	52	10	IEL	NBR	725026
	52	10	IEL	NBR	725747
	52	10	IELR	NBR	792504
	52	10	II	NBR	721008
	52	10	IIL	NBR	724198
	52	10.5	IIS	NBR	726640
	54	10	IE	NBR	722893
	54	10	II	NBR	721195
	55	8	IE	NBR	792740
	55	10	IE	NBR	722192
	55	10	IE	NBR	792741
	55	10	IEL	NBR	792631
	56	10	IE	NBR	722499
	56	10	II	NBR	721192
	56	10	IEWLG	FKM	702496
	59	12x14	IES	NBR	726718
	60.3	12.5	II	NBR	721206
	62	7	IE	NBR	722918
	62	7	IEL	NBR	792934
	62	7	IE	FKM	722918/81
	62	10	IE	NBR	792742
	62	10	IEL	NBR	792632
	62	12	IE	NBR	722493
	62	12	IEL	NBR	792633
	64	7	IEWLD	FKM	702531
	65	10	IE	NBR	722288
	68	6	IE	NBR	722815
	68	6	IE	NBR	792634
	68	10	IE	FKM	772244
	68	10x12	IEL	NBR	725608
	72	7	IE	NBR	722245
	72	7	IE	NBR	792635
	72	10	IE	NBR	722170
	72	10	IEL	NBR	792636
	72	10	IEL	NBR	79263601
	72	12	IE	NBR	792743
	72	12	IEL	NBR	792637
35.1	58	11.5	IE	NBR	722560
	58	11.5	II	NBR	721457
36	47	7	IE	NBR	722950
	48	10	IE	NBR	722084
	50	7	IE	NBR	722041
	50	7	IEWLD	FKM	702659
	52	4	IOX	NBR	726394
	52	7	IE	NBR	722991
	52	7	IE	FKM	722991/81
	52	7	IEL	NBR	792638
	52	10	II	NBR	721309
	54	7.5	IE	NBR	722496
	54	7.5	IE	NBR	722895
	54	7.5	II	NBR	721278
	54	11	EESF	NBR	726349
	58	15	IEL	NBR	725494
	62	7	IE	NBR	722404
	62	12	II	NBR	721117
	62	12.5	II	NBR	721076
	68	10	IEL	NBR	792639
	83	12	II	NBR	721129
37	50	10	IE	NBR	792744
	58	13	IE	NBR	792745
	58	13	IEL	NBR	725568

d mm	D mm	E mm	Type	Elastomer	Reference
37	58	13	II	NBR	721444
	70	13	IE	NBR	722804
	70	13	IE	FKM	722904
38	50	7	IE	NBR	792746
	52	7	IE	NBR	722338
	52	7	IE	FKM	722338/81
	52	7	IEL	NBR	792640
	52	8	IE	NBR	722791
	54	5	IE	NBR	722293
	54	10	II	NBR	721212
	55	7	IE	NBR	721103
	55	10	IE	NBR	722641
	55	10	IE	FKM	722641/81
	55	10	IEL	NBR	725486
	55	10	II	NBR	721029
	55	12	IE	NBR	722226
	56	10	IE	NBR	792747
	56	10	II	NBR	721142
	60	10	IEL	NBR	792641
	61	12	IE	NBR	722606
	62	7	IE	NBR	722042
	62	7	IE	FKM	722042/81
	62	10	IE	NBR	722556
	62	10	IEL	NBR	792642
	65	8	IE	NBR	722368
38.1	52.5	11.1	IE	NBR	722921
	60.3	19	IEL	NBR	725212
	63.5	12.7	IE	NBR	722251
	73	11	IE	NBR	722558
	78	11	IE	NBR	722667
38.7	50.8	6.4	IES	NBR	726073
39	55	8	IE	NBR	722665
	61	12	II	NBR	721134
39.3	63.7	12.8	II	NBR	721140
39.7	63.6	12.7	IE	NBR	722151
39.8	65	8	IEW	FKM	722406
	65	8	IEWD	FKM	702504
40	46	4	IOS	NBR	726098
	48	4	EO	NBR	727124
	52	7	IE	NBR	722325
	52	7	IE	FKM	722325/81
	52	7	IEL	NBR	792505
	52	7	IEL	NBR	725363
	52	7	IED	FKM	702546
	52	7	IEWLD	FKM	702511
	52	9	IEWLG	FKM	702532
	55	6.5	IE	NBR	722746
	55	7	IE	NBR	722919
	55	7	IE	FKM	722919/81
	55	7	IEL	NBR	792535
	55	8	IE	NBR	722792
	55	8	IEL	NBR	725355
	55	10	IE	NBR	722166
	55	10	IE	NBR	722364
	55	10	II	NBR	721070
	55	10	IEWG	NBR	702298
	56	8	IE	NBR	792748
	56	8	IEL	NBR	792644
	56	10	IE	NBR	722152
	56	10	IEL	NBR	792643
	58	10	IE	NBR	72250101
	58	10	IE	NBR	722501
	58	10	IE	FKM	722501/81
	58	10	IEL	NBR	725123
	58	10	IELV	NBR	704031
	58	10	IELWG	FKM	702476
	58	10x14	IESPD	NBR	702222
	58	15	IELR	NBR	725745
	58	15	IILR	NBR	724087
	60	7	IE	NBR	792749
	60	7	IEWLG	FKM	702536
	60	10	IE	NBR	792750
	60	10	IEL	NBR	792645

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SEALS WITH NITRILE AND FLUOROCARBON ELASTOMER

New !
CSEL Seals

d mm	D mm	E mm	Type	Elastomer	Reference	d mm	D mm	E mm	Type	Elastomer	Reference					
40	60	12	II	NBR	721301	42	67	10	IEL		725435					
	61	12	IE	NBR	722498		71.5	13	II	NBR	721143					
	61	12	II	NBR	721100		72	8	IE	NBR	772046					
	62	7	IE	NBR	772043		72	8	IEL	NBR	792541					
	62	7	IE	FKM	772043/81		42.1	63.6	14.4	II	NBR	721018				
	62	7	IEL	NBR	792536											
	62	8	IE	NBR	722454		42.8	69.9	12.7	II	NBR	721469				
	62	10	IE	NBR	722505											
	62	10	IE	FKM	722505/81		43	58	7	MEWWD	FKM	702370				
	62	10	IE	FKM	722828											
	62	10	IEL	NBR	725802											
	62	10	IELR	NBR	792503											
	62	10	II	NBR	721031											
	62	10	MEWLG	NBR	702369											
	62	10x11	IELS	NBR	725467											
	62	12	IE	NBR	722972											
	62	12	II	NBR	721168											
	62	11x13.5	IELS	NBR	725401											
	62	10.25x13	IELS	NBR	725600											
	65	12	II	NBR	721123		44	59.2	12	IEL	NBR	725642				
	68	7	IEL	NBR	792537											
	68	8	IE	NBR	722174											
	68	10	IE	NBR	792751											
	70	12	IE	NBR	722203											
	70	12	II	NBR	721251											
	71.5	12	II	NBR	721144											
	72	7	IE	NBR	772044		44.4	54	4.8	IE	NBR	722036				
	72	7	IEL	NBR	792538											
	72	7	IE	FKM	772044/81											
	72	8	IE	NBR	722169		44.5	62	8	IEL	NBR	725442				
	72	10	IEL	NBR	792646											
	72	12	II	NBR	721467		81	10	IE	NBR	722210					
	80	10	IE	NBR	792752											
	80	10	IEL	NBR	792647		81	11.1	IE	NBR	722022					
	80	10	IEL	NBR	792647											
	85	13	IEL	NBR	725376		44.7	54	6x7.9	EOLS	NBR	727111				
90	8	IEL	NBR	792648												
41	54	12	EEL	NBR	725615	54	6x8.5	IOLS	NBR	723258						
	63.4	6	IE	NBR	722550											
	63.6	14	II	NBR	721108	44.8	61.4	11.7	II	NBR	721201					
	70	13	IE	NBR	722647											
	41.2	60.3	9.5	IEL	NBR	725204	45	57	7	IEWLD	FKM	702567				
63.5		12.7	IE	NBR	772317											
41.3	62.1	19	IE	NBR	725042	58							7	IEWD	FKM	702775
57.1	12.2	IES	NBR	726744												
					62											
60	6.5x8.1	IOB	NBR	729009												
					60											
60	8	IE	NBR	772115												
					60											
60	8	IEL	NBR	792542												
					60		10	IE	NBR	722516						
60	10	IE	FKM	722516/81												
					60	10	IE	FKM	722988							
60	10	IEL	NBR	792543												
					60	10	IEWLD	FKM	702614							
60	12	II	NBR	721071												
					62	7	IEL	NBR	725459							
62	7	EEL	NBR	725547												
					62	8	IE	NBR	772018							
62	8	IE	FKM	772018/81												
					62	8	IEL	NBR	725407							
62	8	EEL	NBR	725549												
					62	8	IEWLD	FKM	702465							
62	10	IE	NBR	722621												
					62	10	IEL	NBR	725748							
62	10	IEL	FKM	725315												
					62	10	IEL	NBR	72574801							
62	10	IIL	NBR	724011												
					62	12	IE	NBR	722504							
62	12	IEL	NBR	792544												
					62	12	II	NBR	721020							
65	8	IE	NBR	772019												
					65	8	IE	FKM	772019/81							
65	8	IEL	NBR	792652												
					65	8	II	NBR	721101							
65	8	IEX	NBR	726157												
					65	9	IEWLD	FKM	702508							
65	10	IE	NBR	722764												
					65	10	EELD	FKM	702251							
65	12	IE	NBR	722858												
					65	12	II	NBR	721217							
65	15	IIL	NBR	724449												
					66	6	IE	NBR	792757							
66	9	IEWL	FKM	702478												

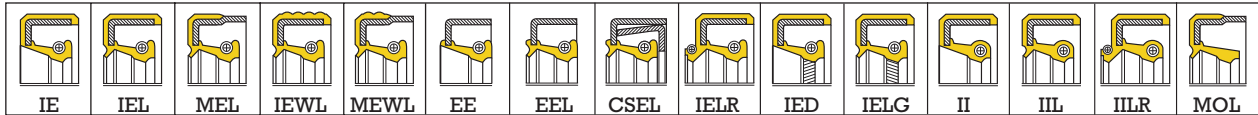
The fluorocarbon seals previously with the suffix 83 now have the suffix 81. Suffix 83 parts may be delivered until stocks are replaced with parts having the suffix 81.

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

**Stainless steel spring.

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





d mm	D mm	E mm	Type	Elastomer	Reference
45	67	8	IEWLD	FKM	702467
	68	10	IE	NBR	792758
	70	12	IE	NBR	792760
	70	12.5	II	NBR	721341
	70	12.5	IEL	NBR	79282801
	70	12.5	IELS	NBR	725794
	72	8	IE	NBR	772104
	72	8	IEL	NBR	792653
	72	8	IE	FKM	772104/81
	72	8.3x9	IELS	NBR	725468
	72	10	IE	NBR	792761
	75	9	IEWLD	FKM	702515
	75	10	IE	NBR	792762
	75	10	IELD	NBR	702126
	75	10	EELD	FKM	702250
	80	10	IE	NBR	792763
	80	10	IEL	NBR	792654
	85	8	IEL	NBR	792655
	100	8	IEL	NBR	792656
46	60	10X16	IES	NBR	726378
	64	8	IE	NBR	792764
	65	10	IE	NBR	722793
	65	10	IEL	NBR	792657
	65.5	9x13.5	IELS	NBR	725306
	78	9	IELS	FKM	725590
46.9	62	8	IE	NBR	722271
47	62	6	IE	NBR	792765
47.2	60.3	6.3	IE	NBR	772120
47.5	60.5	10	IEL	NBR	725220
47.6	58.8	9.6	IE	NBR	722292
	66.7	9.3	IED	NBR	702245
	69.8	16.7	IEL	NBR	725006
	69.8	19	IIL	NBR	724003
	69.8	19	IIL	NBR	724428
	70	8	IEWLD	FKM	702544
	70.2	15	II	NBR	721082
	71.5	9.5	IE	NBR	772316
	73.5	16.7	IEL	NBR	725100
48	58	4	IOS	NBR	726046
	62	7	IE	NBR	772322
	62	8	IE	NBR	722899
	62	8	IE	FKM	722899/81
	62	8	IEL	NBR	725263
	62	8	IEWG	FKM	702587
	63.5	12	II	NBR	721072
	65	10	IE	NBR	722513
	65	10	IEL	NBR	792545
	65	10	IELS	NBR	725118
	65	10	IOS	NBR	726010
	65.1	10	IOS	NBR	726286
	68	8	IEL	NBR	792658
	68	12	IE	NBR	722873
	68	12	II	NBR	721166
	68	12x15	IELS	NBR	725092
	68	14	IEL	NBR	725890
	70	10	IE	NBR	792767
	72	7	IE	NBR	722272
	72	8	IE	NBR	722200
	72	8	IEL	NBR	792659
	72	10	IE	NBR	722209
	72	10	IED	FKM	702364
	72.2	12.5	IE	NBR	722656
	72.2	12.5	II	NBR	721146
	72.5	10	IEL	NBR	725369
	75	8	EED	FKM	702334
	80	10	IE	NBR	792768
49	65	10	IE	NBR	792769
49.7	65	10	IE	NBR	722960
	65	10	IE	FKM	722725
50	62	10	IE	NBR	792770
	65	8	IE	NBR	722710

d mm	D mm	E mm	Type	Elastomer	Reference
50	65	8	IE	FKM	722710/81
	65	8	IEL	NBR	792546
	65	10	IE	NBR	722887
	65	10	IEL	NBR	792547
	65	10	II	NBR	721073
	65	10	IEEX	NBR	726357
	67.5	13.5	EEL	NBR	725572
	68	8	IE	NBR	772047
	68	8	IE	FKM	772047/81
	68	8	IEL	NBR	792548
	68	8	IEWLD	FKM	702620
	68	10	IE	NBR	792771
	68	10	IEL	NBR	792660
	70	10	IE	NBR	722219
	70	10	IE	NBR	792772
	70	10	IEL	NBR	792661
	70	10	IEL	NBR	79266101
	70	12	IEL	NBR	79282001
	70	13.5	EEL	NBR	725473
	72	6	IE	NBR	722287
	72	8	IE	NBR	772199
	72	8	IE	FKM	772199/81
	72	8	IEL	NBR	792549
	72	10	IE	NBR	722756
	72	10	IEL	NBR	792662
	72	12	IE	NBR	722503
	72	12	IE	FKM	722503/81
	72	12	IEL	NBR	792551
	72	12	EELD	FKM	702387
	72	15	IELR	NBR	725003
	72	15	II	NBR	721322
	72	15	IILR	NBR	724088
	74	10	IE	NBR	722906
	75	8	IEWLG	FKM	702521
	75	10	IE	NBR	772337
	75	10	IE	FKM	772337/81
	76.2	12.2	IE	NBR	722650
	78	10	IE	NBR	792773
	80	8	IE	NBR	772048
	80	8	IEL	NBR	792552
	80	8	IE	FKM	772048/81
	80	9	IEWLD	FKM	702530
	80	9	MEWLD	FKM	702624
	80	10	IE	NBR	792774
	80	10	IEL	NBR	792663
	80	13	IE	NBR	722512
	80	13	IEL	NBR	725779
	80	13	EELD	FKM	702263
	80	13	IEWLD	FKM	702477
	80	16	IELR	NBR	725612
	80	16	IIL	NBR	724089
	87	10	IE	NBR	722447
	90	8	IEL	NBR	792664
	90	10	IE	NBR	722888
	90	10	IEL	NBR	792665
	90	10x14	IES	FKM	726460
50.7	69.8	9.5	IE	NBR	722596
	76.1	17.5	II	NBR	721209
50.8	69.8	12.7	IE	NBR	722035
	70	12.7	IE	NBR	722206
	73.4	17	IIL	NBR	724308
	81	11.9	II	NBR	721355
50.9	101.8	11.5	II	NBR	721171
51	65	6.5	IEWD	FKM	702491
	76	19	II	NBR	721208
51.4	69	10	IEL	NBR	725373
52	68	7	IEL	NBR	725412
	68	8	IE	NBR	722236
	68	8	IE	FKM	722236/81
	68	8	IEL	NBR	792553
	68	8	II	NBR	721047
	68	8	IEWLG	FKM	702552
	69	10	IEL	NBR	725064
	69	10	IEL	FKM	725064
	69	10	IELS	NBR	725119

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 **Stainless steel spring.



SEALS WITH NITRILE AND FLUOROCARBON ELASTOMER

New !
CSEL Seals

d mm	D mm	E mm	Type	Elastomer	Reference	d mm	D mm	E mm	Type	Elastomer	Reference	
52	69	10	IOS	NBR	726009	55	75.4	12	II	NBR	721253	
	69	10	IOS	NBR	726269		76	6.5x8.1	IOB	NBR	729008	
	72	8	IE	NBR	722049		76	8	IEWLD	FKM	702534	
	72	8	IEWD	FKM	702588		76	11	IE	NBR	722649	
	72	10	IE	NBR	722281		76	12	IE	NBR	722712	
	72	12	IE	NBR	722611		76	12	IELS	NBR	725713	
	72	12	IE	FKM	772137		76	12	IELS	FKM	725713/81	
	72	12	IEL	NBR	792666		78	10	IE	FKM	722392/81	
	72	12	II	NBR	721199		80	8	IE	NBR	722008	
	75	12	IE	NBR	722502		80	8	IE	FKM	722008/81	
	75	12	IE	FKM	772345		80	8	IEL	NBR	792557	
	75	12	II	NBR	721015		80	8	II	NBR	721013	
	75	15	IEL	NBR	725673		80	10	IE	NBR	792778	
	75	16	III	NBR	724562		80	10	IEL	NBR	792668	
	78	15	IELR	NBR	725610		80	12	IE	NBR	726711	
	78	15	III	NBR	724261		82	12	IE	NBR	722655	
	80	8	IE	NBR	792506		85	8	IE	NBR	772050	
	80	10	IE	NBR	722824		85	10	IE	NBR	792779	
	80	10	II	NBR	721048		85	12	IE	NBR	722222	
	80	13	IE	NBR	722514		90	10	IE	NBR	792780	
80	13	II	NBR	721176	90	10	IEL	NBR	792669			
85	10	IE	NBR	792775	90	13	IEL	NBR	725061			
52.5	72.7	8.5	II	NBR	721019	90	13	II	NBR	721318		
	80	11	IE	NBR	722652	90	13	IEL	NBR	79282201		
53	60	4	IEL	NBR	725679	56	66	8.5	EOLS	NBR	727120	
	68	10.5	IE	NBR	722605		69	10	IOS	NBR	726255	
	68	10.5	II	NBR	721128		70	8	IE	NBR	772051	
	68	13	IEL	NBR	725048		72	7	IEL	NBR	725338	
	68	13	III	NBR	724284		72	8	IE	NBR	772052	
	97	10	IE	NBR	772281		72	8	IE	FKM	772052/81	
53.6	73.1	19	IEL	NBR	725043		80	12	IE	NBR	722615	
	77.8	13	IEL	NBR	725108		85	8	IE	NBR	772054	
54	68	10.5	IE	NBR	722167		57	73	8	IEWL	FKM	702561
	70	10	IE	NBR	792776			75.6	12	II	NBR	721247
	70	12	IE	NBR	722874			80	12	IE	NBR	722067
	72	5	IE	NBR	722738			85	15	IELR	NBR	725625
	72	5x12.5	IES	NBR	726643	85		15	III	NBR	724306	
	72	10	IE	NBR	722448	90		13	IE	NBR	722728	
	72	10	IEL	NBR	725202	90		13	IEL	NBR	725760	
	72	10	IED	FKM	702363	57.1	73	12.7	II	NBR	721259	
	72.5	9	IEL	NBR	725499		76.2	12.7	IEL	NBR	725127	
	72.5	9	EELS	NBR	725509	58	72	8	IE	NBR	722359	
	72.5	9	EELS	NBR	725592		72	8	IE	FKM	722359/81	
	72.5	9	EELS	NBR	725604		72	8	IEL	NBR	792558	
	75	7	IEL	NBR	725559		75	5	IE	NBR	722622	
	76.2	12.5	II	NBR	721307		75	10	IE	NBR	792783	
	77.7	12.7	IE	NBR	722025		80	5	IE	NBR	722707	
	81	10	IEL	NBR	725651		80	8	IE	NBR	722939	
85	10	IEL	NBR	725501	80		8	IEL	NBR	792559		
54.2	73.1	6	IE	NBR	726158		80	10	IE	NBR	722200	
	55	68	4	IOS	NBR		726285	80	10	IE	NBR	792784
68		8	IE	NBR	792777		80	10	II	NBR	721437	
68		8	IEL	NBR	792667		80	10	IEL	NBR	79282501	
70		7	IEWV	FKM	704039		80	12	IE	NBR	722005	
70		8	IE	NBR	722938		80	12	IE	FKM	722005/81	
70		8	IE	FKM	722938/81	80	12	IEL	NBR	792670		
70		8	IEL	NBR	792554	80	12	II	NBR	721059		
70		8x14	IELR	NBR	725896	81	5	IE	NBR	722254		
70		10	IE	NBR	722528	83.2	17	II	NBR	721210		
70		10	EEL	FKM	702381	85	10	IE	NBR	722559		
71.5		10	II	NBR	721349	85	10	II	NBR	721135		
72		8	IE	NBR	772015	85	12	II	NBR	721124		
72		8	IE	FKM	772015/81	90	10	IEL	NBR	792672		
72		8	IEL	NBR	792555	102	10	IE	NBR	772282		
72		8	EEL	NBR	725550	59	72	12	MEWL	NBR	725588	
72		10	IE	NBR	722808		72	7	EELS	NBR	725358	
72		10	IEL	NBR	792556		80	12x13	IE	NBR	792785	
72		10	IEWLD	FKM	702615	59.5	75	8	IE	NBR	722587	
72		13	II	NBR	721138		60	71.5	8	IE	NBR	772365
75		10	IEL	NBR	725102	75		8	IE	NBR	722997	
75	12	IE	NBR	722749	75	8		IE	NBR	72299701		
75	12	IE	FKM	722749/81	75	8		IE	NBR	72299701		
75	12	IEL	NBR	725072	75	8		IE	FKM	722997/81		
75	12	II	NBR	721081								
75	16	III	NBR	724448								

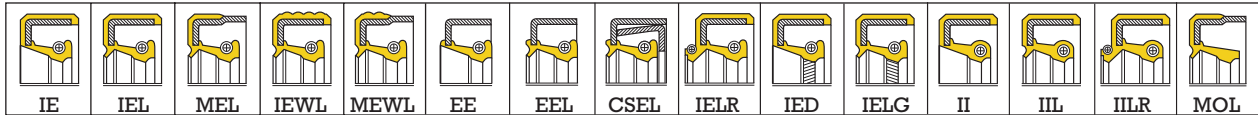
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**Stainless steel spring.

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d mm	D mm	E mm	Type	Elastomer	Reference
60	75	8	IEL	NBR	792560
	75	10	II	NBR	721221
	78	8.8	EEL	NBR	725307
	78	10	IE	NBR	792786
	78	10	IEWLG	FKM	702502
	80	8	IE	NBR	772016
	80	8	IE	FKM	772016/81
	80	8	IEL	NBR	725361
	80	8	IEWLG	FKM	702564
	80	10	EEL	NBR	725545
	80	10	IE	NBR	722213
	80	10	IEL	NBR	725163
	80	10	IEL	FKM	725163/81
	80	12	IE	NBR	722459
	80	12	IE	FKM	722459/81
	80	12	IEL	NBR	792671
	80	12	III	NBR	724540
	80	12	IE	NBR	726262
	80	13	IE	NBR	722686
	80	13	II	NBR	721275
	82	12	IE	NBR	726498
	85	8	IE	NBR	772055
	85	8	IEL	NBR	792561
	85	8	IEWLD	FKM	702555
	85	12	II	NBR	721244
	85	12	IEL	NBR	725107
	86	13	IEL	NBR	79282101
	90	8	IE	NBR	772056
	90	8	IEL	NBR	792562
	90	8	IE	FKM	772056/81
	90	13	IE	NBR	722876
	90	13	II	NBR	721238
	95	8	IE	FKM	772259
	95	10	IE	NBR	792787
	95	10	IEL	NBR	792673
	96	13	IEL	NBR	725106
	100	10	IE	NBR	792788
	110	13	IEL	NBR	792674
60.3	88.5	12.7	II	NBR	721480
60.4	97	12	IE	NBR	722175
61	74	6	IOS	NBR	726743
62	80	10	IE	NBR	792789
	81	6	IE	NBR	722540
	85	10	IE	NBR	722144
	85	10	IE	FKM	722144/81
	85	12	IE	NBR	722750
	85	12	IEL	NBR	725762
	85	12	II	NBR	721033
	85	12	III	NBR	724543
	90	10	IE	NBR	722941
	90	13	II	NBR	721034
	100	12	IE	NBR	722877
	110	13	II	NBR	721115
63	83	12	IE	NBR	772375
	85	10	IE	NBR	772057
	85	10	IE	FKM	772057/81
	90	10	IE	NBR	772105
	90	12	IE	NBR	722648
63.5	80	5.5	IOS	NBR	726816
	90	11.5	II	NBR	721207
64	80	13	IE	NBR	722984
	80	13	II	NBR	721097
	85	16	IEL	NBR	725891
	85	16	III	NBR	724090
	90	12	II	NBR	721125
64	90	13	IE	NBR	792791
65	73.5	4	IOS	NBR	726049
	80	8	IE	NBR	722507
	80	8	IE	FKM	722507/81
	80	8	IE	FKM	772119
	80	8	IEL	NBR	792675
	80	8	II	NBR	721049
	80	10	IEL	NBR	725434

d mm	D mm	E mm	Type	Elastomer	Reference
65	80	12	IE	NBR	722093
	82	10	II	NBR	721319
	85	10	IE	NBR	722591
	85	10	IE	FKM	722591/81
	85	10	IEL	NBR	725575
	85	12	IE	NBR	722770
	85	12	IE	FKM	722770/81
	85	12	IEL	NBR	725709
	85	12	II	NBR	721064
	85	13	IEL	NBR	792676
	85	16	IEL	NBR	725598
	85	16	III	NBR	724561
	85.2	8	IEL	NBR	725513
	90	10	IE	NBR	772017
	90	10	IEL	NBR	792563
	90	10	IE	FKM	772017/81
	90	12	IE	NBR	722859
	90	12	II	NBR	721126
	95	10	IE	NBR	792792
	100	10	IE	NBR	722794
	100	10	IEL	NBR	792564
	100	10	IE	FKM	722794/81
	100	12	II	NBR	721483
66	88.5	12.5	II	NBR	721202
66.5	102	11	IE	NBR	722651
66.7	92	11.9	IE	NBR	722027
67	85	8	IEWLD	FKM	702529
68	90	10	IE	NBR	722751
	90	10	IE	FKM	722751/81
	90	10	IEL	NBR	792565
	90	10	II	NBR	721050
	90	13	IELD	FKM	702211
	100	10	IE	NBR	772059
	100	10	IEL	NBR	792777
	117	10	IE	NBR	772283
68.3	80	4.8x8.4	EOLS	NBR	723271
69	85	8	IE	NBR	722900
69.8	100	13	II	NBR	721274
70	85	8	IE	FKM	722317/81
	90	10	IE	NBR	722458
	90	10	IE	FKM	722458/81
	90	10	IEL	NBR	792566
	90	12	IE	NBR	722639
	90	12	IEL	NBR	725758
	90	12	IELR	NBR	725634
	90	12	II	NBR	721051
	90	12	III	NBR	724544
	95	10	IE	NBR	792794
	95	13	IE	NBR	792795
	100	10	IE	NBR	722497
	100	10	IEL	NBR	792678
	100	10	II	NBR	721158
	100	10	IE	FKM	722497/81
	100	13	IEL	NBR	792679
	100	13	II	NBR	721079
	110	12	IE	NBR	792796
	110	13	IE	NBR	792797
70.5	85	10	IELS	NBR	725335
72	86	7	IEL	NBR	725367
	88	7	IEL	NBR	725337
	95	10	IE	NBR	722942
	95	10	IE	FKM	722942/81
	95	10	IEL	NBR	725444
	95	13	IE	NBR	722004
	95	13	II	NBR	721181
	100	10	IE	NBR	722944
	100	12	IE	NBR	722861
	100	12	IEL	NBR	725653
	100	12	II	NBR	721104
	100	12	III	NBR	724485

The fluorocarbon seals previously with the suffix 83 now have the suffix 81. Suffix 83 parts may be delivered until stocks are replaced with parts having the suffix 81.
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SEALS WITH NITRILE AND FLUOROCARBON ELASTOMER

New !
CSEL Seals

d mm	D mm	E mm	Type	Elastomer	Reference
72	101.6	12.5	IE	NBR	722298
72.5	100.5	14	IE	NBR	722604
74	90	13	IE	NBR	722618
	90	13	II	NBR	721074
	90	15	IEL	NBR	725251
	90	15	ILR	NBR	724453
74.6	101.8	13	II	NBR	721150
75	90	8	IE	NBR	722053
	90	8	IEL	NBR	792680
	90	8	II	NBR	721393
	90	10	IED	FKM	702365
	95	8	IE	NBR	722902
	95	10	IE	NBR	722379
	95	10	IE	FKM	722379/81
	95	10	IEL	NBR	792567
	95	12	IE	NBR	722333
	95	12	IE	FKM	722333/81
	95	12	IE	FKM	722470
	95	12	II	NBR	721219
	100	10	IE	NBR	722943
	100	10	IE	FKM	722943/81
	100	10	IEL	NBR	792568
	100	12	IE	NBR	722585
	100	13	IE	NBR	722687
	100	13	IE	FKM	722687/81
	100	13	IEL	NBR	792569
	100	13	II	NBR	721190
	100	16	III	NBR	724446
	102	15	IE	NBR	722698
	110	13	IE	NBR	722752
	110	13	IEL	NBR	792681
	110	13	II	NBR	721152
	115	10	IEL	NBR	792682
	120	15	IE	NBR	722221
	120	15	IE	NBR	792798
76	100	16	III	NBR	724245
76.2	101.6	17.4	III	NBR	724291
78	100	10	IE	NBR	772060
	100	10	IEL	NBR	725445
	100	13	IE	NBR	772020
	100	13	IE	NBR	772313
80	95	6.5	IOS	NBR	726125
	95	8	IE	NBR	722776
	95	8	IEL	NBR	792683
	95	8	II	NBR	721012
	98	10	MEWLG	FKM	702569
	100	10	CSEL	NBR	793100
	100	10	IE	NBR	722186
	100	10	IE	FKM	722847/81
	100	10	IEL	NBR	792570
	100	10	IEL	FKM	725662
	100	13	IE	NBR	722819
	100	13	IE	FKM	722819/81
	100	13	IE	FKM	772304
	100	13	IEL	NBR	725021
	100	14	III	NBR	724466
	100	14	IEL	NBR	79282901
	105	13	IE	NBR	792799
	110	13	CSEL	NBR	793101
	110	10	IE	NBR	772061
	110	10	IEL	NBR	792571
	110	10	IE	FKM	772061/81
	110	13	IELR	NBR	725704
	115	10	IE	NBR	792800
	125	12	IE	NBR	792802
	125	13	IE	NBR	792803
82	102	13	IE	NBR	722195
	102	13	II	NBR	721036
	105	13	IE	NBR	722862
	105	13	II	NBR	721359
84	100	13	IE	NBR	722680

d mm	D mm	E mm	Type	Elastomer	Reference
84	110	16	IE	NBR	722565
	110	16	IEL	NBR	725597
	112	14	IELX	NBR	725281
85	100	9	IE	NBR	722973
	100	13	IE	NBR	722102
	102	13	IE	NBR	722552
	102	13	II	NBR	721591
	102	13	IEL	NBR	79282601
	105	8	IEWLG	FKM	702619
	105	10	EE	FKM	720037
	105	10	EEG	FKM	702333
	105	12	IEWLG	FKM	702596
	105	13	IE	NBR	792804
	110	13	CSEL	NBR	793102
	110	12	IE	NBR	722413
	110	12	IE	FKM	722413/81
	110	12	IEL	NBR	792572
	110	12	IE	FKM	722413/81
	110	12x6	IIS	NBR	726637
	110	13	IE	NBR	722510
	110	13	IE	FKM	722510/81
	110	13	IEL	NBR	725884
	110	13	II	NBR	721037
	110	13	IELG	FKM	702404
	110	13	IEX	NBR	726076
	120	13	CSEL	NBR	793103
	120	12	IE	NBR	772062
	130	17	EELD	FKM	702379
	130	13	IEL	NBR	792684
88.9	114.3	15.9	IE	NBR	722631
89.7	105	6	IE	NBR	722807
90	105	10	IE	NBR	792805
	105	10	II	NBR	721410
	105	10	IEL	NBR	79282301
	105	13	IE	NBR	722720
	110	13	CSEL	NBR	793104
	110	10	IEWLG	FKM	702389
	110	11	IEWG	FKM	702486
	110	12	IE	NBR	772063
	110	12	IE	FKM	772063/81
	110	12	IEL	NBR	792573
	110	13	IE	NBR	722719
	110	13	IE	FKM	722719/81
	110	13	IEL	NBR	792574
	110	13	II	NBR	721236
	110	13	IEX	NBR	726500
	110	15	IELG	FKM	702317
	110	16	ILR	NBR	724091
	115	9	IE	NBR	722975
	115	9	IE	NBR	772302
	115	13	IE	NBR	722703
	115	13	IEL	NBR	725695
	115	13	II	NBR	721127
	115	13	IEL	NBR	72569501
	120	13	CSEL	NBR	793105
	120	12	IE	NBR	772064
	120	12	IE	FKM	772064
	120	12	IEL	NBR	792575
	140	13	CSEL	NBR	793106
	140	13	IEL	NBR	792685
	150	12	IE	NBR	772343
92	107	12	IE	NBR	722970
	110	7	IEWLG	FKM	702644
	110	10	MEWLG	FKM	702518
	112	10	IE	NBR	722654
	120	13	IEL	NBR	725044
	120.6	16	II	NBR	721203
	139	12x30	IES	NBR	726173
	140	14x25	IELS	NBR	725225
93	114	13	IEWLG	FKM	702350
95	109.2	7	IOLS	NBR	723263
	109.5	7	IEW	NBR	772390
	115	13	IE	NBR	792815

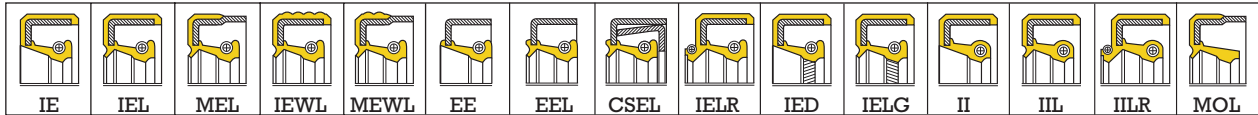
The fluorocarbon seals previously with the suffix 83 now have the suffix 81. Suffix 83 parts may be delivered until stocks are replaced with parts having the suffix 81.

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

**Stainless steel spring.

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





d mm	D mm	E mm	Type	Elastomer	Reference
95	120	13	CSEL	NBR	793107
	120	11.3	IELG	NBR	702355
	120	12	IE	NBR	772065
	120	12	IE	FKM	772065/81
	120	12	IEL	NBR	792576
	120	13	IE	NBR	722088
	120	13	IE	FKM	722088/81
	120	13	IEL	NBR	725410
	120	13	IEL	FKM	725410
	120	13	IELR	NBR	725697
	125	12	IE	NBR	772066
	125	12	IEL	NBR	792686
	130	13	IE	NBR	792808
	130	13	II	NBR	721213
	140	10x18	IIS	NBR	726452
95.2	127.1	11.9	IE	NBR	722924
96	112	10	IE	NBR	722633
	112	10	II	NBR	721320
98	110	7	IEWLG	FKM	702533
100	114	8	IEWLG	FKM	702578
	120	13	CSEL	NBR	793108
	120	10	IE	NBR	792809
	120	10	IE	FKM	722704
	120	12	IE	NBR	722993
	120	12	IE	FKM	722993/81
	120	12	IEL	NBR	792577
	120	12	IEEX	NBR	726258
	120	13	IE	NBR	722957
	120	13	IE	FKM	722957/81
	120	13	IE	FKM	772148
	120	13	IELG	FKM	702338
	120	14	IELR	NBR	725231
	120	17	IEL	NBR	725599
	125	13	CSEL	NBR	793109
	125	12	IE	NBR	772067
	125	12	IEL	NBR	792578
	125	13	IE	NBR	722949
	125	13	IEL	NBR	792579
	125	13	II	NBR	721080
	130	13	CSEL	NBR	793110
	130	12	IE	NBR	772068
	130	12	IE	FKM	772068/81
	130	12	IEL	NBR	792580
	130	14	IE	NBR	722464
	130	14	II	NBR	721241
	150	12	IE	NBR	792810
	150	13	IEL	NBR	792687
101.6	130.2	14.3	IE	NBR	722168
102	120	12	IE	NBR	722546
	122	14	IELD	FKM	702136
	130	13	CSEL	NBR	793111
	135	14	II	NBR	721130
104	120	13	IE	NBR	722688
105	122	13	IE	NBR	772150
	122	13	II	NBR	721321
	125	13	IEEX	NBR	726274
	130	13	CSEL	NBR	793112
	130	12	IE	NBR	772069
	130	12	IE	FKM	772069/81
	130	12	IEL	NBR	725617
	130	12	IELR	NBR	792502
	130	13	IE	NBR	722689
	130	13	IE	NBR	72268901
	130	13	IE	FKM	722689/81
	130	13	IEL	NBR	725103
	130	13	IELD	FKM	702174
	132	13	II	NBR	721458
	140	13	CSEL	NBR	793113
	140	12	IE	NBR	772070
107.9	152.6	17.3	IEL	NBR	725478
109	122	7	IEW	NBR	772391

d mm	D mm	E mm	Type	Elastomer	Reference
109	122.2	7	IOLS	NBR	723262
110	130	12	IE	NBR	772071
	130	13	CSEL	NBR	793114
	130	12	IE	FKM	772071/81
	130	12	IEL	NBR	792581
	130	13	IE	NBR	722465
	130	13	IEL	NBR	725114
	140	13	CSEL	NBR	793115
	140	10.2	IE	NBR	772357
	140	12	IE	NBR	772072
	140	12	IE	FKM	772072/81
	140	12	IEL	NBR	792688
	140	13	IE	NBR	722708
	140	13	IEL	NBR	792582
112	130	13	IE	NBR	722553
	130	13	II	NBR	721592
	130	13	IEL	NBR	79282701
	140	13	CSEL	NBR	793116
	140	13	IE	NBR	722820
	140	13	IEL	NBR	725353
113	160	12	II	NBR	721098
	160	13	IE	NBR	722730
114	140	13	IE	NBR	722753
115	140	13	CSEL	NBR	793117
	140	12	IE	NBR	772073
	140	12	IE	FKM	772073/81
	140	12	IEL	NBR	792689
	140	13	IE	NBR	722374
	140	13	IEL	NBR	725101
	140	13	IELG	FKM	702176
	140	13	IEEX	NBR	726260
	140	14	II	NBR	721232
	140	15	IEL	NBR	725054
	140	15	IELRG	FKM	702260
	150	13	CSEL	NBR	793118
	150	12	IE	NBR	772074
	150	13	II	NBR	721053
	150	13x24	IELS	NBR	725063
116	150	13	II	NBR	721237
119.1	152.7	11	II	NBR	721214
120	140	13	CSEL	NBR	793119
	140	13	IE	NBR	722690
	140	13	IE	FKM	722690/81
	140	13	IE	FKM	772133
	140	13x14.3	IEL	NBR	725644
	140	16	IELR	NBR	725706
	150	13	CSEL	NBR	793120
	150	12	IE	NBR	772075
	150	12	IE	FKM	772075/81
	150	12	IEL	NBR	792583
	150	13	IE	NBR	722573
	150	13	IEL	NBR	792584
	150	13	IEEX	NBR	726627
	160	13	CSEL	NBR	793121
	160	12	IE	NBR	772076
	160	15	IEL	FKM	725654
120.6	158.9	15	II	NBR	721482
122	150	13	CSEL	NBR	793122
	150	12	IILR	NBR	724454
	150	13	II	NBR	721063
122.2	152.4	6	IE	NBR	722548
122.3	152.4	6	II	NBR	721298
125	145	13	IEEX	NBR	726257
	150	13	CSEL	NBR	793123
	150	12	IE	NBR	772077
126	150	12	IE	FKM	772077/81
	150	12	IEL	NBR	792585

The fluorocarbon seals previously with the suffix 83 now have the suffix 81. Suffix 83 parts may be delivered until stocks are replaced with parts having the suffix 81.
 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.
 **Stainless steel spring.



SEALS WITH NITRILE AND FLUOROCARBON ELASTOMER

New !
CSEL Seals

d mm	D mm	E mm	Type	Elastomer	Reference
126	150	12	IELG	FKM	702064
	150	14	II	NBR	721252
	160	13	CSEL	NBR	793124
	160	12	IE	NBR	772078
	160	12	IE	FKM	772078/81
	160	13	II	NBR	721133
	160	15	IE	NBR	722279
	160	15	IEL	NBR	792690
127	158.7	14.3	II	NBR	721358
	158.7	18.5	IELS	NBR	725005
	158.9	15.9	IE	NBR	722232
130	145	7	IE	NBR	772270
	150	12	IEEX	NBR	726259
	160	13	CSEL	NBR	793125
	160	12	IE	NBR	772079
	160	12	IE	FKM	772079/81
	160	15	IE	NBR	722881
	160	15	IE	FKM	722881/81
	160	15	IEL	NBR	725115
	160	15	IEEX	NBR	726077
	170	13	CSEL	NBR	793126
	170	12	IE	NBR	772080
132	150	13	IE	NBR	722134
	150	13	II	NBR	721328
135	160	13	CSEL	NBR	793127
	160	14	IE	NBR	722270
	165	15	IE	NBR	722261
	165	15	IEEX	NBR	726320
	170	12	IE	NBR	772081
	170	12	IE	FKM	772081/81
	170	15	IE	NBR	722280
	170	15	IE	FKM	722280/81
	170	16	IEL	NBR	725055
139.7	171.4	21	IELR	NBR	725542
	171.6	15.9	IE	NBR	722914
140	160	13	IE	NBR	772252
	170	13	CSEL	NBR	793128
	170	15	IE	NBR	722700
	170	15	IE	FKM	722700/81
	170	15	IEL	NBR	725716
	170	15	IEL	NBR	724766
	170	15	IEL	NBR	72571601
	175	15	IE	NBR	772082
	180	14	IE	NBR	722662
144	160	12	IE	NBR	722113
	180	12	II	NBR	721116
145	170	15 x 20	EELS	NBR	725596
	175	13	CSEL	NBR	793129
	175	14	EEL	NBR	725593
	175	15	IE	NBR	772114
	180	13	CSEL	NBR	793130
	180	14	IE	NBR	722956
	180	14	IE	NBR	721054
146	177.9	15.9	IE	NBR	722563
148	170	14.5	IELR	NBR	725630
	170	14.5	IEL	NBR	724260
	170	14.5	IELG	NBR	702099
150	168	12	II	NBR	721187
	170	15	CSEL	NBR	793131
	172	14	EELSG	FKM	702301
	175	16	IEEX	NBR	726261
	180	15	CSEL	NBR	793132
	180	15	IE	NBR	722731
	180	15	IE	FKM	722731/81
	180	15	IEL	NBR	792586
	180	15	II	NBR	721230
152	190	15	IE	FKM	772195
155	180	15	CSEL	NBR	793133

d mm	D mm	E mm	Type	Elastomer	Reference
155	180	15	IE	NBR	722754
	180	15	IEL	NBR	792587
	180	15	II	NBR	721415
	180	15	MEWLG	NBR	702457
	190	15	CSEL	NBR	793134
	190	15	IE	NBR	772083
	190	15	IEL	NBR	792691
157.1	190.5	6	IE	NBR	722547
	190.5	6	II	NBR	721299
158	180	16	IEL	NBR	725232
160	190	15	CSEL	NBR	793135
	190	15	IE	NBR	722313
	190	15	IEL	NBR	725715
	190	15	IEL	NBR	724765
	190	15	IE	FKM	722313/81
165	190	13	CSEL	NBR	793136
	190	15	IE	NBR	772321
	190	15	IE	NBR	792811
	200	15	CSEL	NBR	793137
	200	15	IE	NBR	772084
170	200	15	CSEL	NBR	793138
	200	15	IE	NBR	722377
	200	15	IE	FKM	722377/81
	200	15	IE	NBR	792588
175	200	13	IE	NBR	722979
	200	13	II	NBR	721122
	200	15	IEL	NBR	792692
	210	15	IE	NBR	722085
	210	15	IEL	NBR	792693
	230	10	IIS	NBR	726200
177.8	209.5	16	IEL	NBR	725018
180	210	15	CSEL	NBR	793139
	210	15	IE	NBR	772086/81
	210	15	IEL	NBR	792589
	210	15	IEL	FKM	725655
	215	15	CSEL	NBR	793140
	215	16	IE	NBR	722661
185	215	15	CSEL	NBR	793141
	215	16	IE	NBR	722863
	215	16	II	NBR	721280
190	220	15	CSEL	NBR	793142
	220	15	IE	NBR	772088/81
	220	15	IE	FKM	772088
	220	15	IEL	NBR	792694
	230	16	CSEL	NBR	793143
	230	17	IE	NBR	722860
	230	17	II	NBR	721235
190.5	228.6	16	IEL	NBR	725017
195	230	15	CSEL	NBR	793144
	230	15	IE	NBR	772089
	230	17	IE	NBR	722759
	230	17	II	NBR	721362
196.8	228.6	16	IEL	NBR	725019
200	230	15	CSEL	NBR	793145
	230	15	IE	NBR	772090
	230	15	IE	FKM	772090/81
	230	15	IEL	NBR	792695
205	230	16	IEL	NBR	79282401
210	240	15	CSEL	NBR	793146
	240	15	IE	NBR	772091
	240	15	IE	FKM	772091/81
220	250	15	CSEL	NBR	793147
	250	15	IE	NBR	772092
	250	15	IE	FKM	772092/81
	250	15	IEL	NBR	792696

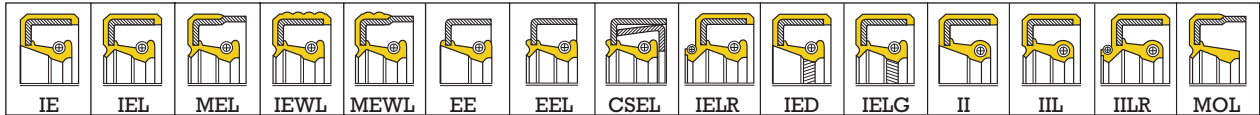
The fluorocarbon seals previously with the suffix 83 now have the suffix 81. Suffix 83 parts may be delivered until stocks are replaced with parts having the suffix 81.

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

**Stainless steel spring.

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



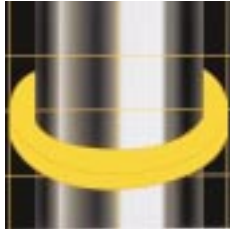


d mm	D mm	E mm	Type	Elastomer	Reference
230	260	15	IE	NBR	772093
240	270	15	IE	NBR	772094
	270	15	IE	FKM	772094/81
250	280	15	IE	NBR	772095
260	300	20	IE	NBR	772096
260.3	298.4	22	IEL	NBR	725009
265	290	16	IE	NBR	722782
280	320	20	IE	NBR	772097
300	340	20	IE	NBR	772098

d mm	D mm	E mm	Type	Elastomer	Reference
320	360	20	IE	NBR	772099
340	380	20	IE	NBR	772100
380	420	20	IE	NBR	772203
400	440	20	IE	NBR	772108
420	460	20	IE	NBR	772109
440	480	20	IE	NBR	772110
460	500	20	IE	NBR	772111
480	520	20	IE	NBR	772112

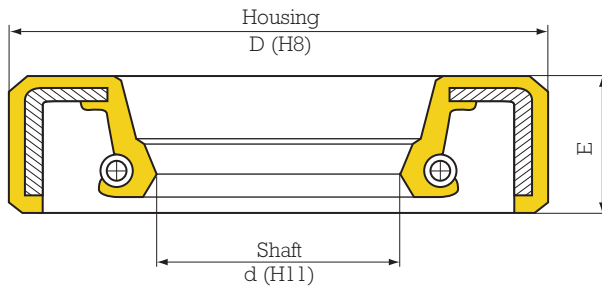
The fluorocarbon seals previously with the suffix 83 now have the suffix 81. Suffix 83 parts may be delivered until stocks are replaced with parts having the suffix 81.
 The part numbers indicated in bold type are kept in stock. Abbreviations: NBR = Nitrile; FKM = Fluorocarbon; SIL = Silicone; POL = Polyacrylate; EPD = EPDM; S (in "Type" column) = special shape.
 **Stainless steel spring.





SEALS FOR ROTATING SHAFTS

SEALS WITH OTHER ELASTOMERS



- The part numbers indicated in bold type are normally kept in stock.
- Special elastomers are available on request.

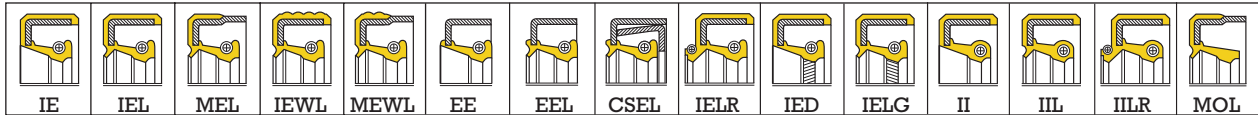
d (mm)	D (mm)	E (mm)	Type	Elastomer	Reference
4.5	11.3	3.5	IO	SIL	723298
7.9	16	6	IEWLD	POL	702493
8	14	3	IO	SIL	723268
	16	6.5	IE	POL	772178
8.4	16	4x13	IES	POL	726325
	16	6	IE	POL	772293
8.5	16	6.5	IED	POL	702347
	16	6.5	IES	POL	726421
9	17	5	IEWL	POL	725683
11	17	4	IE	SIL	772381
11.8	26	7.5	IEWG	SIL	702553
12	25	8	IE	POL	772181
13	21	5	IEL	POL	725671
14	30	8	IE	EPD	772377
15	21	6	IO	POL	723305
	30	6.8	EEL	POL	725487
	35	7	MEW	POL	772405
16	24	6	IED	POL	702419
	28	8	IE	POL	772307
17	28	6	IED	POL	702274
	28	4x13	IESD	POL	702009
	29	4x13	IESG	POL	702065
	34	4	IE	POL	772221
	40	7	EED	POL	702243
18	24	3	EED	POL	702105
	28	6	IEWL	POL	725670
	28	7	IED	POL	702403
19	34	7	IELD	POL	702399

d (mm)	D (mm)	E (mm)	Type	Elastomer	Reference
20	30	6x10	IESD	POL	702139
	30	8	EED	POL	702232
	32	7	IE	POL	772176
	32	8	IED	POL	702253
	47	7	IEG	POL	702235
21.9	47	8	IED	POL	702234
22	35	6.5	IED	POL	702426
	35	7	IE	POL	772290
	38	8	IED	POL	702228
	40	7	IELD	POL	702400
24	37	7	IELD	POL	702407
	38.5	10x12	IESD	POL	702007
	47	10	EED	SIL	720067
24.5	38	5x6.5	IED	POL	702392
	38.7	6x7	IED	POL	702392
	43.1	6.5	IED	POL	702382
24.7	40	8.5	IED	POL	702277
25	35	10.5	IESPD	POL	702275
	35	10.5	IEDP	POL	702383
	36	7	IEG	SIL	702313
	38.1	9.9	EED	SIL	720068
	40	8	IEWD	POL	702341
	41	8	MEWD	POL	702520
	42	8	IELG	POL	702414
	47	7	EESD	POL	702087
	55	7	IE	SIL	772331
	26	38	6	IE	POL
47		7	IEWD	POL	702519
26.5	45	7	IEWD	POL	702500
27	37	7	IEL	POL	725497
	42	10	IEL	POL	725498
27.9	70	10	IEWLD	POL	702431

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d mm	D mm	E mm	Type	Elastomer	Reference
28	40	8	IEWLD	POL	702494
	42	10	IED	POL	702376
	47	7	IED	POL	702192
	52	12	IE	POL	772229
	56	10	IED	POL	702420
	56	10	IELV	POL	704016
	70	10	IELD	POL	702431
29	46	10	IEG	POL	702270
	46	10	IED	POL	702375
	50	10	EEL	SIL	725640
	50	10	MEWLG	POL	702455
30	40	7	IED	POL	702158
	42	7	IED	POL	702203
	42	7	IEWD	SIL	702443
	42	8	IEV	POL	704000
	45	7	IED	POL	702124
	48	10	IED	POL	702201
	52	8	IEWLG	POL	702445
31.7	76.1	12.7x15.7	EELSD	POL	702199
32	47	9.5	EES	POL	726465
	47	10	IEWD	POL	702241
	50	10	IED	POL	702212
	52	7	IEG	POL	702300
	52	7	IEG	SIL	702294
34	54	9	IE	POL	772325
34.7	50	7	IEW	POL	772394
35	47	7	IED	SIL	702217
	47	7	IELD	SIL	702282
	47	7	IELD	SIL	702487
	47	8	IEWG	POL	702608
	50	8	IE	SIL	722456
	50	8	IEV	POL	704027
	50	10	IE	POL	772129
	52	10	IEWL	POL	725675
	54	9.5x15	EES	POL	720055
	55	12	IEWD	POL	702205
	58	8	IED	POL	702412
	62	10	IELG	POL	702464
	65	10	IEWLV	POL	704030
36	46	7	IEWLG	POL	702641
	50	8	IED	POL	702405
	54	7.5	IELV	POL	704025
	58	10	IEWLR	POL	725711
37	47	5.5	IOB	POL	729005
38	50	7	IED	POL	702278
	50	7.5	IEWLG	POL	702444
38.1	60.3	12	IED	POL	702332
38.2	60.3	7	IEWLG	POL	702589
40	49.6	5.5	IOB	SIL	729006
	52	7	IED	SIL	702293
	55	8	IELG	POL	702204
	55	8	IEWG	POL	702386
	55	8	MEWLG	POL	702542
	55	10	EWG	POL	702290
	58	8	IED	POL	702181
	58	10	IE	POL	772207
	58	10	IEL	SIL	725502
	58	10	IED	POL	702328
	60	8	IEWLG	POL	702523
	60	8	IEWLD	POL	702480
	60	8	IEWLV	POL	704044
	62	8	IEWLD	POL	702524
	62	10	IE	POL	772243
	65	10	IE	POL	772236

d mm	D mm	E mm	Type	Elastomer	Reference
42	54	8	IED	POL	702418
	55	7	IEWLD	POL	702492
	58	10x13	IESF	POL	726396
	60	10	IE	POL	772336
	60	10	IEL	SIL	725500
	61.9	10	IED	SIL	702357
	62	8	IELD	POL	702402
	62	10	IED	POL	702085
	62	10	IED	SIL	702396
	62	12	IELD	POL	702227
	66	8	IEWD	POL	702432
	66	23	EES	POL	726484
44	67	10	IEWL	POL	725664
	67	10	MEWLV	POL	704040
45	50	7	IED	SIL	702413
	60	7	IEG	POL	702036
	60	10	IED	POL	702132
	60.2	8	IEWLV	POL	704019
	62	7	IED	POL	702424
	62	8	IEWLG	POL	702438
	62	10	IEL	SIL	725491
	62	12	IE	SIL	722811
	64	8	IEWLG	POL	702547
	64	8	IEWLD	POL	702439
46	73	9	IEWLD	POL	702437
47.5	65	10	IELR	POL	792591
48	58	4	IOS	POL	726433
	66.6	8	IELD	SIL	702302
	68	12	IED	POL	702137
	68	12	IED	SIL	702037
48.8	58	6.1x8.5	IOLS	POL	723265
	58	6.1x8.5	EOLS	POL	727110
50	65	10	IEWL	POL	725657
	65	10	IEWLV	POL	704041
	76	10	IEWLV	POL	704046
	76	12	IEL	POL	725493
50.8	73.4	17	IELR	SIL	725177
52	68	10	IED	SIL	702218
	68	10	IELD	SIL	702283
	68	10	IELD	SIL	702488
53	68	13	IELR	POL	792590
55	75	9	IE	SIL	772118
	75	12	IE	SIL	772353
57.5	70	10	IEG	SIL	702295
	120	10	IE	POL	772139
58	72	9	IE	SIL	722531
	80	12	IE	SIL	722843
60	80	12	IEG	POL	702143
60.4	97	12	IELD	POL	702160
60.5	78	9	ie	SIL	722602
	78	9	ied	SIL	702002
62	80	8	IEWLD	POL	702525
	100	12x13	IELD	POL	702144
63.5	89	12.7	IEL	POL	725562
	89	19	EEL	POL	725569
69.8	98.5	19	EEL	POL	725570
70	90	10	IEG	POL	702318
	90	10	IEG	POL	702130

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SEALS WITH OTHER ELASTOMERS

d (mm)	D (mm)	E (mm)	Type	Elastomer	Reference
70	90	10	IEG	SIL	722127
	90	12	IELD	POL	702029
72	95	12	IE	SIL	772107
75	95	12	IE	POL	772318
	95	12	IE	SIL	722632
	112	12	IELG	SIL	702197
	120	14x15	IELD	POL	702094
78.7	96.4	9	IEG	POL	702303
80	100	10	IEG	SIL	702189
	100	13	IE	SIL	722476
	100	13	IEG	SIL	702030
82	105	12	IEG	SIL	702141
85	110	13	IE	SIL	722837
	110	13	IED	SIL	702207

d (mm)	D (mm)	E (mm)	Type	Elastomer	Reference
90	105	10	IEG	SIL	702374
	110	10	IEWLG	POL	702389
	110	12	IEG	SIL	702031
	110	13	IE	SIL	722814
	110	13	IED	SIL	702092
	110	15	IEWLG	SIL	702125
92	110	10	IEG	SIL	702219
	110	10	IELG	SIL	702284
95	120	13	IELG	POL	702115
110	130	13	IE	SIL	722536
115	140	13	IE	SIL	722844
155	174	15	IEL	SIL	725609
158	180	14x15	IELG	SIL	702140
165	190	13	IE	POL	772330

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