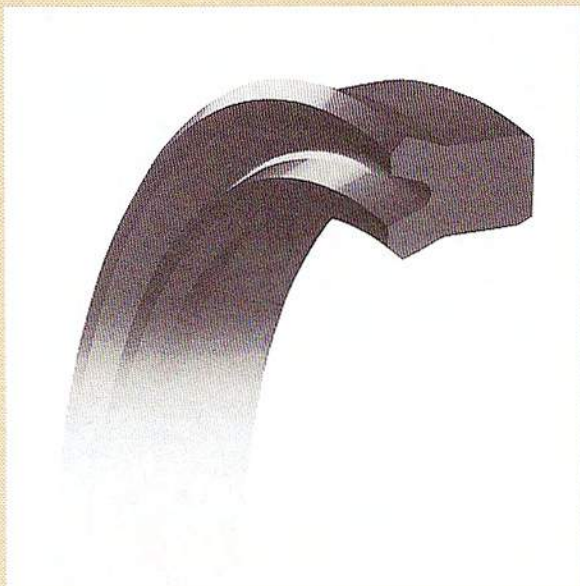


PACKINGS FOR BOTH PISTON AND ROD SEALS NOXLAN (AU)



(Example) • Type Dimensions	UPI	6.3	16.3	8
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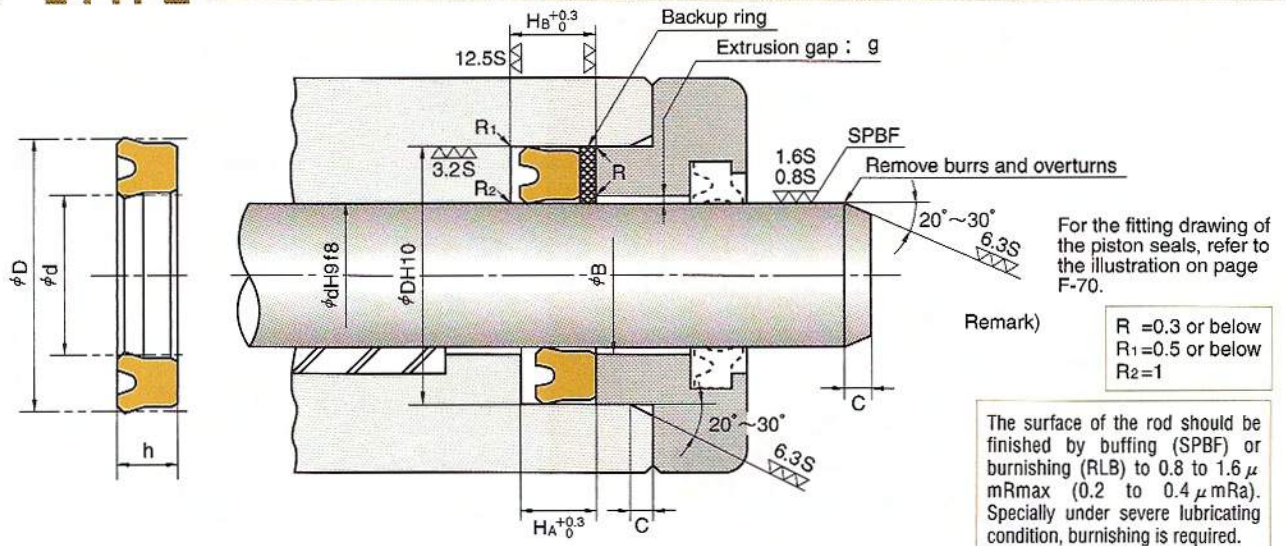
Type Sign

Nominal Size of Packing
described in order of inner diameter(d), outer diameter(D), and height(h)

- Part Number FU0024D0

● Please check the application `D-2 and 3 before selecting the type.

Material	NOK U801
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Nominal Size of Packing			Housing dimensions					NOK	
d	D	h	φ d	φ D	φ D ₁	H _A	H _B	C	Part Number
6.3	16.3	8	6.3	16.3	15.3	9	11	2.5	FU0024D0
7.1	17.1	8	7.1	17.1	16.1				FU0030D0
8	18	8	8	18	17				FU0043D0
9	19	8	9	19	18				FU0054D0
10	20	8	10	20	19				FU0069D0
11.2	21.2	8	11.2	21.2	20.2				FU0081D0
12	25	8	12	25	24				FU0093D0
12.5	22.5	8	12.5	22.5	21.5				FU0102D0
14	24	8	14	24	23				FU0122D0
15	25	8	15	25	24				FU0135D0
16	26	8	16	26	25	11	13	2.5	FU0157D0
	32	10	16	32	31				FU0161D0
18	28	8	18	28	27	9	11	3.5	FU0182D0
	31	10	18	31	30	11	13		FU0186D0
20	30	8	20	30	29	9	11		FU0215D0
	33	10	20	33	32	11	13		FU0221D0
	35	10	20	35	34				FU0224D0
21.5	31.5	8	21.5	31.5	30.5	9	11		FU0239D0
22	32	8	22	32	31	11	13		FU0246D0
	35	10	22	35	34				FU0249D0
22.4	30	5	22.4	30	29	5.7	7.7		FU0260D0
	32.4	8	22.4	32.4	31.4	9	11		FU0263D0
25	35	8	25	35	34				FU0282D0
	38	8	25	38	37				FU0287D0
	40	10	25	40	39	11	13		FU0292D0
	45	12	25	45	44	13	15		FU0301D0
25.5	35.5	8	25.5	35.5	34.5	9	11	FU0309D1	
28	35.5	5	28	35.5	34.5	5.7	8.7	FU0320D1	
	40	10	28	40	39	11	14	FU0330D0	
	43	10	28	43	42			FU0340D0	
30	45	10	30	45	44			FU0368D0	
	46	10	30	46	45			FU0369D0	
31.5	46.5	10	31.5	46.5	45.5			FU0387D0	
32	46	10	32	46	45	11	14	4	FU0403D0
35	50	10	35	50	49				FU0437D0
35.5	45	6	35.5	45	44	7	10	FU0451D0	
	50.5	10	35.5	50.5	49.5	11	14	FU0456D0	
38	52	10	38	52	51			FU0470D0	
40	55	10	40	55	54			FU0505D0	
	56	10	40	56	55			FU0508D0	
	60	12	40	60	59	13	16	FU0514D0	
41	56	10	41	56	55	11	14	FU0523D0	

HOW TO DETERMINE B DIMENSION

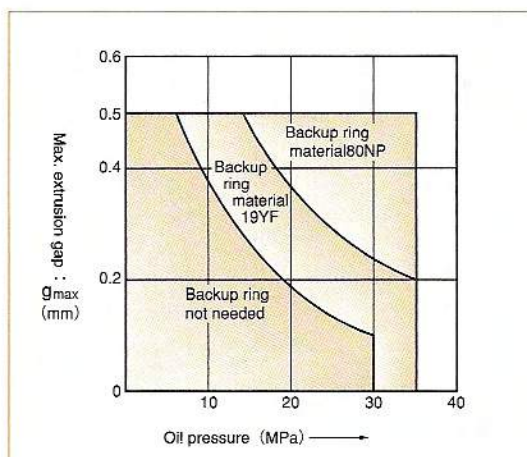
■ When using backup ring

Please determine B dimension according to the table below. If you require smaller B dimension (in case of piston seals) or larger B dimension (in case of rod seals) because of the cylinder configuration, please consult NOK.

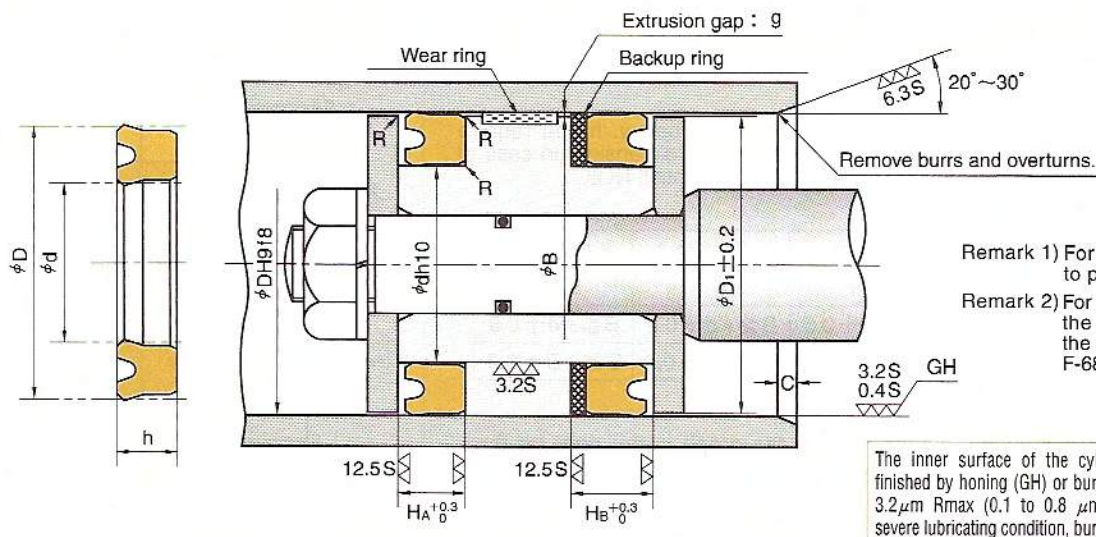
Maximum Service Pressure	14MPa	21MPa	35MPa	35MPa
Material of Backup ring	19YF			80NP
B Dimension	For rod	$B \leq \phi d + 1.0$	$B \leq \phi d + 0.5$	$B \leq \phi d + 0.2$
	For piston	$B \geq \phi D - 1.0$	$B \geq \phi D - 0.5$	$B \geq \phi D - 0.2$

■ When not using backup ring

To determine ϕB dimension, please refer to the graph in the right for the maximum extrusion gap (also refer page 26) considering the eccentricity of operating condition.



Nominal Size of Packing			Housing dimensions					C	NOK
d	D	h	φd	φD	φD ₁	H _A	H _B		Part Number
45	56	7	45	56	55	8	11	4	FU0572D1
	60	10	45	60	59	11	14		FU0577D0
	61	10	45	61	60				FU0579D0
46	60	10	46	60	59				FU0588D0
48	63	10	48	63	62				FU0601D0
50	65	10	50	65	64	13	16		FU0631D0
	66	12	50	66	65				FU0635D0
	70	12	50	70	69				FU0639D0
51	71	12	51	71	70				FU0669D0
53	73	12	53	73	72				FU0683D0
55	71	12	55	71	70	16	19		FU0704D0
	75	12	55	75	74				FU0708D0
	80	15	55	80	79				FU0712D0
56	72	12	56	72	71	13	16	FU0727D0	
	76	12	56	76	75			FU0728D0	
58	78	12	58	78	77			FU0736D0	
60	71	7	60	71	70	8	11	FU0750D0	
	80	12	60	80	79	13	16	FU0761D0	
62	82	12	62	82	81			FU0777D0	
63	83	12	63	83	82			FU0793D0	
65	85	12	65	85	84			FU0819D0	
67	87	12	67	87	86			FU0831D0	
70	90	12	70	90	89	7	10	FU0862D0	
71	80	6	71	80	79			FU0879D1	
	91	12	71	91	90	13	16	FU0884D0	
75	95	12	75	95	94			FU0910D0	
80	100	12	80	100	98			16	19
	100	15	80	100	98	10	13	FU0949D0	
85	100	9	85	100	98	13	16	FU0984D1	
	105	12	85	105	103			FU0989D0	
90	110	12	90	110	108			FU1030D0	
92	112	12	92	112	110			FU1042D0	
95	115	12	95	115	113			16	19
	120	15	95	120	118	FU1061D0			
98	112	9	98	112	110	10	13	FU1068D0	
	120	12	100	120	118	13	16	FU1089D0	
100	125	15	100	125	123	17	20	FU1096D0	
105	125	15	105	125	123			FU1129D0	
106	120	8.5	106	120	118	9.5	12.5	FU1135D1	
	126	15	106	126	124			FU1138D0	
110	130	15	110	130	128	17	20	FU1165D0	
112	132	15	112	132	130			FU1182D0	



Nominal Size of Packing			Housing dimensions						NOK	
d	D	h	φd	φD	φD ₁	H _A	H _B	C	Part Number	
115	135	15	115	135	133	17	20	5	FU1198D0	
118	132	9	118	132	130	10	13		FU1932D0	
	138	15	118	138	136	17	20		FU1207D0	
120	140	15	120	140	138				FU1224D0	
125	145	15	125	145	143				FU1257D0	
130	150	15	130	150	148			FU1284D0		
132	152	15	132	152	150			FU1292D0		
135	155	15	135	155	153	10	13	FU1305D0		
136	150	9	136	150	148			FU1933D0		
140	160	15	140	160	158			17	20	FU1327D0
	165	15	140	165	163					FU1330D0
145	165	15	145	165	163					FU1344D0
150	170	15	150	170	168	FU1363D0				
	175	15	150	175	173	FU1365D0				
155	180	15	155	180	178	17	21	FU1391D0		
160	185	15	160	185	183			FU1413D0		
165	190	15	165	190	188			FU1431D0		
170	195	15	170	195	193			FU1448D0		
175	200	15	175	200	198			FU1461D0		
180	205	15	180	205	203			FU1490D0		
185	210	15	185	210	208			FU1504D0		
190	215	15	190	215	213			FU1519D0		
199	224	15	199	224	222			FU1532D0		
200	225	15	200	225	223			FU1547D0		
	225	18	200	225	223			FU1549D0		
205	235	18	205	235	233	20	24	FU1565D0		
210	235	18	210	235	233			FU1579D0		
212	237	18	212	237	235			FU1584D0		
220	245	18	220	245	243			FU1599D0		
224	249	18	224	249	247			FU1612D0		
225	250	18	225	250	248			FU1625D0		
230	254	18	230	254	252			FU1639D0		
	255	18	230	255	253			FU1641D0		
236	261	18	236	261	259			FU1648D0		
240	265	18	240	265	263			FU1662D0		
250	275	18	250	275	273			FU1682D0		
260	290	18	260	290	288			8	FU1706D0	
265	295	18	265	295	293				FU1713D0	
270	300	18	270	300	298				FU1722D0	
280	310	18	280	310	308				FU1735D0	
290	320	18	290	320	318				FU1750D0	
300	330	18	300	330	328				FU1764D0	

UPI TYPE PACKINGS FOR BOTH PISTON AND ROD SEALS Large size dimension table

■ When using packings on this large size dimension table, please consult NOK.

Nominal Size of Packing			Housing dimensions					C	NOK
d	D	h	φd	φD	φD ₁	H _A	H _B		Part Number
310	340	22	310	340	338	24	28	10	FU1773D0
315	345	22	315	345	343	24	28		FU1775D0
320	350	15	320	350	348	17	21		FU1778D0
	350	18	320	350	348	20	24		FU1779D0
	350	22	320	350	348	24	28		FU1780D0
	360	25	320	360	358	27	31		FU1781D0
323	355	24	323	355	353	26	30		FU1784D0
330	360	20	330	360	358	22	26		FU1788D0
	360	22	330	360	358	24	28		FU1789D0
	370	28	330	370	368	30	34		FU1791D0
	340	370	22	340	370	368	24		28
350	380	22	350	380	378	28			FU1799D0
	390	28	350	390	388	30	34		FU2016D0
355	385	22	355	385	383	24	28		FU1801D0
370	400	22	370	400	398				FU1809D0
375	405	22	375	405	403				FU1812D0
380	410	22	380	410	408				FU1816D0
385	415	22	385	415	413				FU1993D0
390	420	22	390	420	418				FU1818D0
400	425	22	400	425	423				FU1822D0
	430	22	400	430	428				FU1823D0
405	440	25	405	440	438	27	32	FU1827D0	
410	445	25	410	445	443			32	FU1829D0
	460	35	410	460	458	37	42	FU1830D0	
415	450	25	415	450	448	27	32	FU1831D0	
420	455	25	420	455	453			FU1833D0	
425	460	25	425	460	458			FU2223D0	
430	460	22	430	460	458			24	29
	465	25	430	465	463	27	32	FU2013D0	
431	457.2	18	431	457.2	455	20	25	FU1839D1	
435	470	25	435	470	468	27	32	FU1841D0	
440	470	19	440	470	468	21	26	FU1842D0	
440	475	28	440	475	473	30	35	FU1976D0	
445	480	25	445	480	478	27	32	FU2428D0	
450	485	25	450	485	483	27	32	FU1845D0	

F

UPI TYPE

PACKINGS FOR BOTH PISTON AND ROD SEALS

Large size dimension table

■ When using packings on this large size dimension table, please consult NOK.

Nominal Size of Packing			Housing dimensions					C	NOK
d	D	h	φd	φD	φD ₁	H _A	H _B		Part Number
456	490	30	456	490	488	32	37	15	FU1847D1
460	495	25	460	495	493	27	32		FU1849D0
465	500	26.5	465	500	498	28.5	33.5		FU2648D0
470	505	25	470	505	503	27	32		FU1851D0
475	510	25	475	510	508				FU1854D0
480	515	25	480	515	513				FU2025D0
490	530	25	490	530	528				FU1855D0
500	535	25	500	535	533				FU1856D0
	540	25	500	540	538	FU1857D0			
507	547	28	507	547	545	30	35	FU1858D0	
525	565	28	525	565	563			FU2743D0	
530	570	25	530	570	568	27	32	FU2718D0	
540	575	23	540	575	573	25	30	FU2376D0	
560	600	28	560	600	598	30	35	FU1865D0	
595	640	28	595	640	638			FU1986D0	
600	650	32	600	650	648	34	39	FU2017D0	
650	690	25	650	690	688	27	32	FU2003D0	
660	700	32	660	700	698	34	39	FU1870D0	
680	720	32	680	720	718			FU1871D0	
695	745	32	695	745	743			FU2398D0	
700	750	35	700	750	748	37	42	FU1874D0	
730	750	30	730	750	748	32	37	FU2078D0	
755	800	32	755	800	798	34	39	FU1876D0	
800	830	20	800	830	828	22	27	FU1978D0	
	850	35	800	850	848	37	42	FU1881D0	
850	900	35	850	900	898			FU2219D0	
870	900	20	870	900	898	22	27	FU1979D0	
920	970	35	920	970	968	37	42	FU1888D1	
1050	1100	30	1050	1100	1098	32	37	FU2391D0	
1096	1146	30	1096	1146	1144			FU2558D0	
1150	1200	30	1150	1200	1198			FU2229D0	
1380	1430	30	1380	1430	1428			FU2392D0	