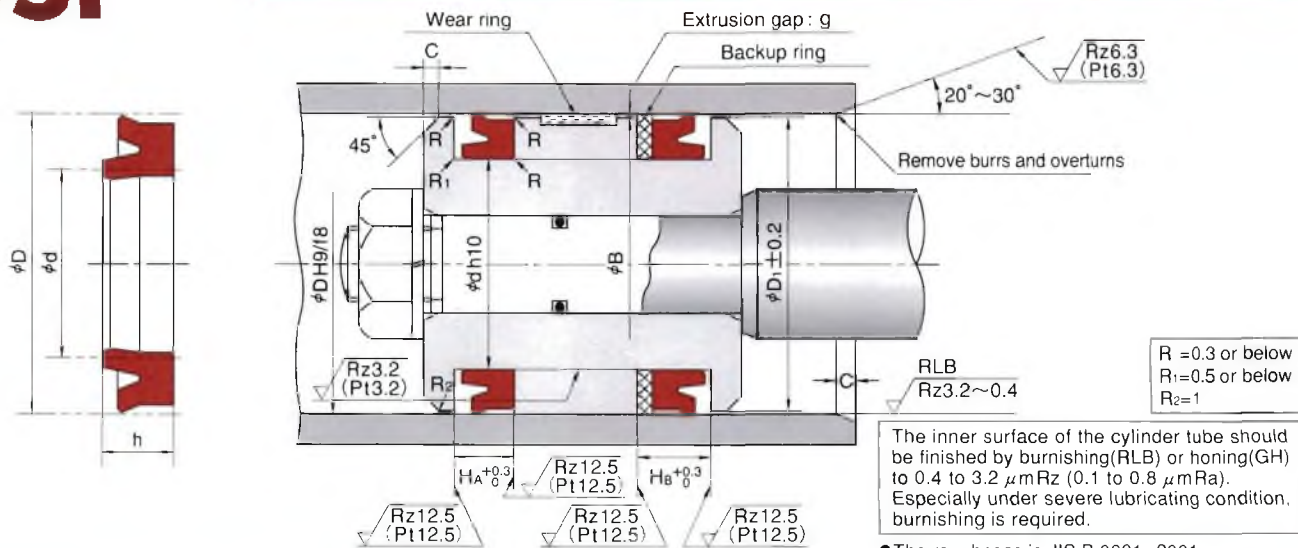


OSI TYPE SPECIAL PACKINGS FOR PISTON SEALS (INSTALLED WITH INTERNAL GROOVE)



● The roughness is JIS B 0601 : 2001.
When regulation length cannot be kept, apply Pt.

Nominal Size of Packing, and Housing dimensions							Packing Part Number	Combination Backup Ring Part Number			
D	d	h	H _A	H _B	φD ₁	C		BRT2(Biascut) 19YF	BRN2(Biascut) 80NP		
35	27	5	5.7	8.7	34	2	FU0420L0	GN5707V0	GN9780O0		
35.5	27.5	5			34.5		FU0450L0	GN5708V0	GN9781O0		
	28	5	7	10	34.5	2.5	FU2141L0	GN4791V0	GN9119O0		
40	30	6			39		FU0490L0	GN4794V0	GN9122O0		
41.5	31.5	6			40.5		FU2142L0	GN4796V0	GN9124O0		
45	35	6			44		FU0563L0	GN4799V0	GN9127O0		
	35.5	6			44		FU2143L0	GN4801V0	GN9129O0		
50	40	6			49		FU0613L0	GN4050V0	GN9131O0		
55	45	6			54		FU0692L0	GN4804V0	GN9133O0		
56	45	7			8		11	55	FU2144L0	GN4805V0	GN9134O0
	46	6	7	10	55	4	FU0720L0	GN5709V0	GN9782O0		
60	50	6			59		FU0742L0	GN4335V0	GN9138O0		
63	53	6			62		FU0784L0	GN4693V0	GN9140O0		
65	55	6			64		FU0807L0	GN4810V0	GN9141O0		
66	56	6			65		FU0825L0	GN4766V0	GN9143O0		
70	60	6			69		FU0846L0	GN4676V0	GN9144O0		
71	60	7			8		11	70	FU2145L0	GN4812V0	GN9145O0
	61	6			7		10	70	4	FU0877L0	GN4629V0
73	63	6	72	FU0889L0		GN4814V0		GN9147O0			
75	65	6	74	FU0897L0		GN4816V0		GN9149O0			
77	67	6	76	FU0922L0		GN4697V0		GN9150O0			
80	70	6	79	FU0936L0		GN4651V0		GN9092O0			
	71	6	79	FU2146L0		GN4818V0		GN9152O0			
85	75	6	84	FU0979L0		GN4692V0		GN9241O0			
90	80	6	89	FU1019L0		GN4820V0		GN9155O0			
100	85	9	10	13	98	4	FU1078L0	GN4687V0	GN9091O0		
105	90	9			103		FU1120L0	GN4698V0	GN9158O0		
110	95	9			108		FU1152L0	GN4822V0	GN9160O0		
112	98	8.5			9.5		12.5	110	FU2147L0	GN4824V0	GN9162O0
115	100	9			10		13	113	FU1193L0	GN4512V0	GN9163O0
120	105	9			9.5		12.5	118	FU1212L0	GN5198V0	GN9589O0
	106	8.5			118		FU2148L0	GN4826V0	GN9166O0		
125	112	9			10		13	123	4	FU1926L0	GN4827V0
130	115	9	128	FU1278L0		GN4593V0		GN9274O0			
140	125	9	138	FU1320L0		GN4481V0		GN9170O0			
145	130	9	143	FU2405L0		GN4628V1		GN9742O1			
150	135	9	148	FU1356L0		GN5025V0		GN9539O0			
	136	8.5	9.5	12.5		148		FU2149L0		GN4830V0	GN9173O0

HOW TO DETERMINE B DIMENSION

■ When using backup ring

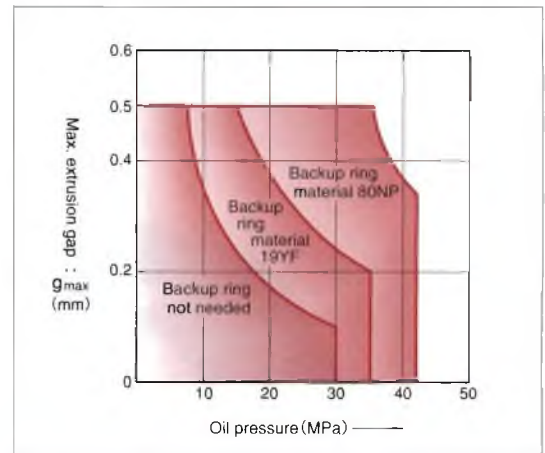
Please determine B dimension according to the table below. If you require smaller B dimension because of the cylinder configuration, please consult NOK.

Maximum Service Pressure	14MPa	21MPa	35MPa
Material of Backup ring	19YF		
B Dimension	$B \geq \phi D - 1.0$	$B \geq \phi D - 0.5$	$B \geq \phi D - 0.2$

Maximum Service Pressure	35MPa	42MPa
Material of Backup ring	80NP	
B Dimension	$B \geq \phi D - 0.8$	$B \geq \phi D - 0.4$

■ When not using backup ring

To determine B dimension, please refer to the graph in the right for the maximum extrusion gap (one side) considering the eccentricity of operating condition of the piston.



Nominal Size of Packing, and Housing dimensions							Packing Part Number	Combination Backup Ring Part Number			
D	d	h	H _A	H _B	φD _i	C		BRT2(Biascut) 19YF	BRN2(Biascut) 80NP		
155	140	9	10	13	153	4	FU1386L0	GN4526V0	GN941000		
160	145	9			158		FU1404L0	GN4551V0	GN917500		
170	155	9			168		FU1441L0	GN4834V0	GN917800		
175	160	9		14	173		FU1458L0	GN4835V0	GN918000		
180	165	9			178		FU1481L0	GN4836V0	GN918200		
190	175	9			188		FU1511L0	GN4839V0	GN918500		
200	180	12	13	17	198	5	FU1539L0	GN4470V0	GN918700		
210	190	12			208		FU1572L0	GN4841V0	GN919000		
220	200	12			218		FU1594L0	GN4385V0	GN919100		
224	204	12			222		FU1606L0	GN4842V0	GN919300		
225	205	12			223		FU1618L0	GN5710V0	GN978400		
230	210	12			228		FU1635L0	GN4627V0	GN919500		
240	220	12		238	FU1655L0		GN4444V0	GN919600			
250	230	12		248	FU1675L0		GN4635V0	GN904700			
260	240	12		258	FU1700L0		GN4845V0	GN919800			
270	250	12		268	FU1717L0		GN4459V0	GN919900			
280	255	16		17	21		278	6.5	FU1730L0	GN4846V0	GN920100
290	265	16					288		FU1745L0	GN4848V0	GN920300
300	275	16	298			FU1760L0	GN4852V0		GN920700		

F DIMENSION OSI