OUHR TYPE

SPECIAL PACKINGS FOR PISTON SEALS NITRILE RUBBER (NBR)

F DIMENSION OUHR

● Please designate NOK Part number and type & size on your order.

(Example) Order for the packing as a single piece

- Type Dimensions OUHR 32 24 5
  - OUHR: Type Sign
  - 32 24 5: Nominal Size of Packing described in order of outer diameter(D), inner diameter(d), and height(h)
- Part Number CU2683Q2

※ When placing orders for backup rings used in combination with packing, designate the NOK part number and the model size.

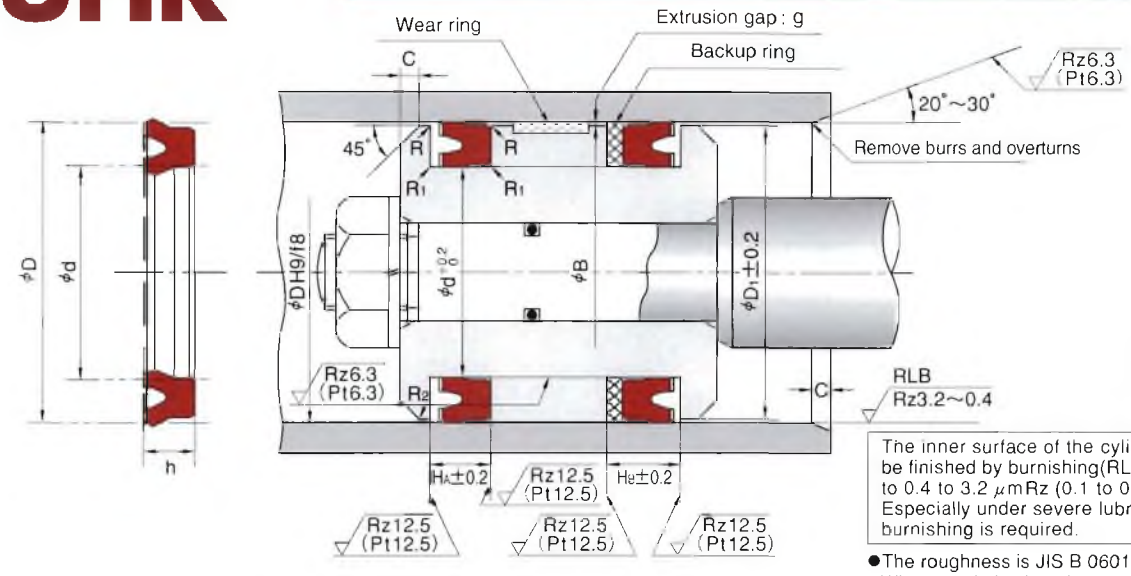
- Type Dimensions BRT2 24 32 2
  - BRT2: Type Sign
  - 24 32 2: Nominal Size of Backup ring described in order of inner diameter(d), outer diameter(D), and thickness(t)*
- Part Number GN5727V0

*$t = H_B - H_A$ (Housing dimensions)

● Please check the application range on pages 14 and 15 before selecting the type.

Material	NOK U641

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



R =0.3 or below
R1=0.5 or below
R2=1

The inner surface of the cylinder tube should be finished by burnishing(RLB) or honing(GH) to 0.4 to 3.2 μmRz (0.1 to 0.8 μmRa). Especially under severe lubricating condition, burnishing is required.

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

HOW TO DETERMINE B DIMENSION

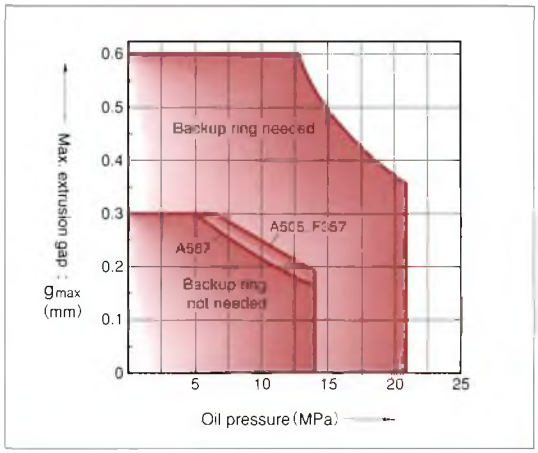
■ When using backup ring

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
Material of Backup ring	19YF	
B Dimension	B≧φD−1.0	B≧φD−0.5

■ 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 BRT2(Biascut)
D	d	h	H_A	H_B	φD_1	C	標準(A505)	耐寒(A567)	19YF
32	24	5	5.7	7.7	31	3.5	CU2683Q2	CU2683Q3	GN5727V0
40	30	6	7	10	39		CU2684Q3	CU2684Q5	GN4794V0
50	40				49		CU2604Q3	CU2604Q4	GN4050V0
55	45				54		CU2697Q1		GN4804V0
60	50				59		CU2696Q2	CU2696Q3	GN4335V0
63	53				62		CU2685Q0	CU2685Q4	GN4693V0
65	55				64		CU2930Q2	CU2930Q3	GN4810V0
70	60				69			CU2634Q2	GN4676V0
75	62	7.5	8.5	11.5	74	4.5	CU2943Q2	CU2943Q3	GN5712V0
80	65	9	10	13	79		CU2666Q2	CU2666Q3	GN4549V0
	71	6	7	10			CU3238Q1		GN4818V0
85	70	9	10	13	84		CU0977Q2	CU0977Q3	GN4876V0
95	80				94		CU2605Q2	CU2605Q4	GN5023V0
100	85				98		CU2669Q2	CU2669Q3	GN4687V0
110	95				108		CU2607Q2	CU2607Q3	GN4822V0
115	100				113			CU3241Q2	GN4512V0
125	110				123			CU2670Q2	GN4480V0
	112	8.5	9.5	12.5			CU3492Q0		GN4827V0
130	115				128		CU2609Q2	CU2609Q3	GN4593V0
140	125	9	10	13	138		CU2647Q3	CU2647Q2	GN4481V0
150	136	8.5	9.5	12.5	148		CU3244Q1		GN4830V0
160	145	9	10	13	158		CU2687Q1		GN4551V0
180	165			14	178		CU2688Q1		GN4836V0
200	180	12	13	17	198	5.5	CU1539Q1	CU1539Q2	GN4470V0
224	204				222		CU3491Q0		GN4842V0
250	230				248		CU2691Q2	CU2691Q3	GN4635V0