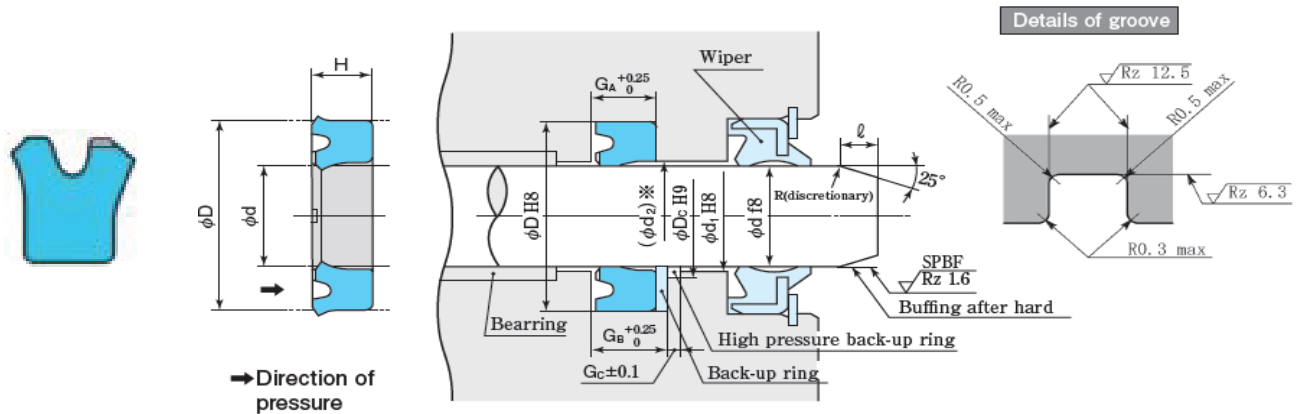


GNY Packings (Rod packings)

Profiles (Left Section)



Service Range

Standard Material				
Material Codes	Pressure MPa {kgf/cm ² }		Max. speed (m/s)	Temperature range (°C)
NBR(RN919)	GNV-Packings〈Clearance of extrusion H9/f8〉	17 {175}	1	—30~100
	w/Back-up rings	25 {250}		
	w/Standard & high pressure back-up rings	35 {350}	0.5	

Characteristics

GNV-rod packings are rod packings are designed to obtain optimum durability of high wear resistant material by the RN919.

With the larger cross-sectional area than that of SKY-Packings, GNY-rod packings provide extra long time operation.

GNY-rod packings also provide stable sealing performance under considerably eccentric rod action.

Remarks

- Packings should be installed in the direction specified on the above schematic.
- Consider adopting split grooves if one-piece groove is technically adverse.
- When a high pressure back-up ring is not used, ϕD_c and G_c are not necessary.

Dimension Table

Packings & Groove dimensions (Unit : mm)								Part No.		
d	D	H	GA	GB	DC	d1 (Reference)	ℓ	Standard material (RN919)	Standard back-up ring (PT114)	High pressure back-up ring (PA101)
18	26	5	6	7.5	21	18.5	3.5	GNY-18	TC-GNY-18	PE-GNY-18
20	28	5	6	7.5	23	20.5	3.5	GNY-20	TC-GNY-20	PE-GNY-20
22	30	5	6	7.5	25	22.5	3.5	GNY-22	TC-GNY-22	PE-GNY-22
25	33	5	6	7.5	28	25.5	3.5	GNY-25	TC-GNY-25	PE-GNY-25
28	36	5	6	7.5	31	28.5	3.5	GNY-28	TC-GNY-28	PE-GNY-28
30	40	6	7	9	34	30.5	4	GNY-30	TC-GNY-30	PE-GNY-30
32	42	6	7	9	36	32.5	4	GNY-32	TC-GNY-32	PE-GNY-32
35	45	6	7	9	39	35.5	4	GNY-35	TC-GNY-35	PE-GNY-35
36	46	6	7	9	40	36.5	4	GNY-36	TC-GNY-36	PE-GNY-36
40	50	6	7	9	44	40.5	4	GNY-40	TC-GNY-40	PE-GNY-40
45	55	6	7	9	49	45.5	4	GNY-45	TC-GNY-45	PE-GNY-45
50	63	8	9	11.5	56	50.5	5	GNY-50	TC-GNY-50	PE-GNY-50
55	68	8	9	11.5	61	55.6	5	GNY-55	TC-GNY-55	PE-GNY-55
56	69	8	9	11.5	62	56.6	5	GNY-56	TC-GNY-56	PE-GNY-56
60	73	8	9	11.5	66	60.6	5	GNY-60	TC-GNY-60	PE-GNY-60
63	76	8	9	11.5	69	63.6	5	GNY-63	TC-GNY-63	PE-GNY-63
65	78	8	9	11.5	71	65.6	5	GNY-65	TC-GNY-65	PE-GNY-65
70	85	9	10	12.5	76	70.6	5	GNY-70	TC-GNY-70	PE-GNY-70
75	90	9	10	12.5	81	75.6	5	GNY-75	TC-GNY-75	PE-GNY-75
80	95	9	10	12.5	86	80.6	5	GNY-80	TC-GNY-80	PE-GNY-80
90	105	9	10	12.5	96	90.6	5	GNY-90	TC-GNY-90	PE-GNY-90
100	120	12	13	16	107	100.6	6	GNY-100	TC-GNY-100	PE-GNY-100
110	130	12	13	16	117	110.6	6	GNY-110	TC-GNY-110	PE-GNY-110
125	145	12	13	16	132	125.7	6	GNY-125	TC-GNY-125	PE-GNY-125
140	160	12	13	16	147	140.7	6	GNY-140	TC-GNY-140	PE-GNY-140
160	180	12	13	16	167	160.7	6	GNY-160	TC-GNY-160	PE-GNY-160
180	200	12	13	16	187	180.7	6	GNY-180	TC-GNY-180	PE-GNY-180