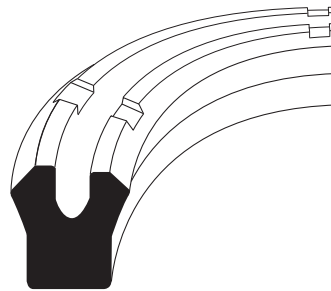


Piston Seals (Single Acting)

SGY

(Metric Size)

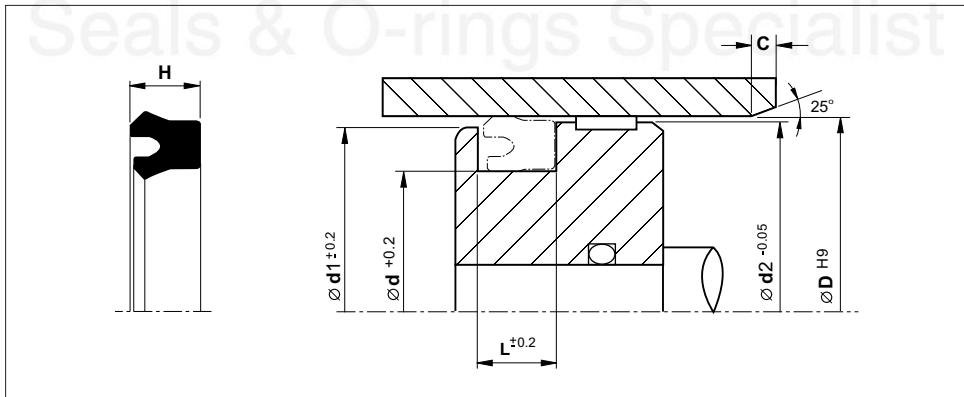


SGY

Material	Pressure (Bar)	Temp. (°C)	Speed (m/s)
NBR	210	-45 +100	0.5

- High pressure applications.
- High frequency conditions.
- Exceptional low stick slip.
- Usable both regular and server cold environments.

Installation Recommendation



Surface roughness	Ra	Rt	Chamfers	
Sliding surface	≤ 0.3 μm	≤ 4 μm	D	C
Surface of housing	≤ 1.8 μm	≤ 10 μm	32-63	4.0
Sides of housing	≤ 3.0 μm	≤ 16 μm	63-100	5.0
			100-140	6.0
			140-250	7.0

Rubber U-Cup - SGY

(Metric Size)

Bore Dia.	Groove Dia.	Seal Height	Groove Width.		Fitting Dia.	Fitting Dia.	Reference (For order processing)
D	d	H	L	L1*	d1	d2	
40	30	6.3	7.0	8.5	39	39.5	SGY-40A
45	35	6.3	7.0	8.5	44	44.5	SGY-45A
50	40	6.3	7.0	8.5	49	49.5	SGY-50A
55	45	6.3	7.0	8.5	54	54.4	SGY-55A
60	50	6.3	7.0	8.5	59	59.4	SGY-60A
65	55	6.3	7.0	8.5	64	64.4	SGY-65
70	60	6.3	7.0	8.5	69	69.4	SGY-70
70	57	7.7	8.5	10.5	69	69.4	SGY-70A
75	65	6.3	7.0	8.5	74	74.4	SGY-75
75	62	7.7	8.5	10.5	74	74.4	SGY-75A
80	71	6.3	7.0	8.5	79	79.4	SGY-80
80	65	9.2	10.0	12.0	79	79.4	SGY-80A
85	75	6.3	7.0	8.5	84	84.4	SGY-85
85	70	9.2	10.0	12.0	84	84.4	SGY-85A
90	80	6.3	7.0	8.5	89	89.4	SGY-90
90	75	9.2	10.0	12.0	89	89.4	SGY-90A
95	80	9.2	10.0	12.0	94	94.4	SGY-95A
95	85	6.3	7.0	8.5	94	94.4	SGY-95B
100	85	9.2	10.0	12.0	98	99.4	SGY-100
105	90	9.2	10.0	12.0	103	104.4	SGY-105
110	95	9.2	10.0	12.0	108	109.4	SGY-110
115	100	9.2	10.0	12.0	113	114.4	SGY-115
120	106	8.7	9.5	11.5	118	119.4	SGY-120
125	112	9.2	10.0	12.0	123	124.3	SGY-125
130	115	8.7	9.5	11.5	128	129.3	SGY-130
140	125	9.2	10.0	12.0	138	139.3	SGY-140
150	136	8.7	9.5	11.5	148	149.3	SGY-150
160	145	9.2	10.0	12.0	158	159.3	SGY-160
180	165	9.2	10.0	12.0	178	179.3	SGY-180
200	180	12.0	13.0	15.5	198	199.2	SGY-200

* L1 Groove for SGY used with 1 back up ring can stand pressure up to 210 Bar