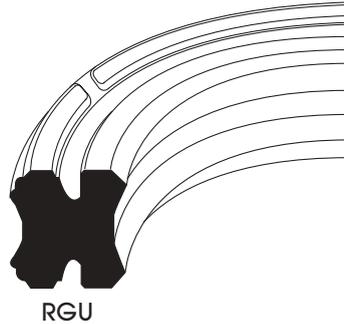


## Piston Seals (Double Acting)

RGU

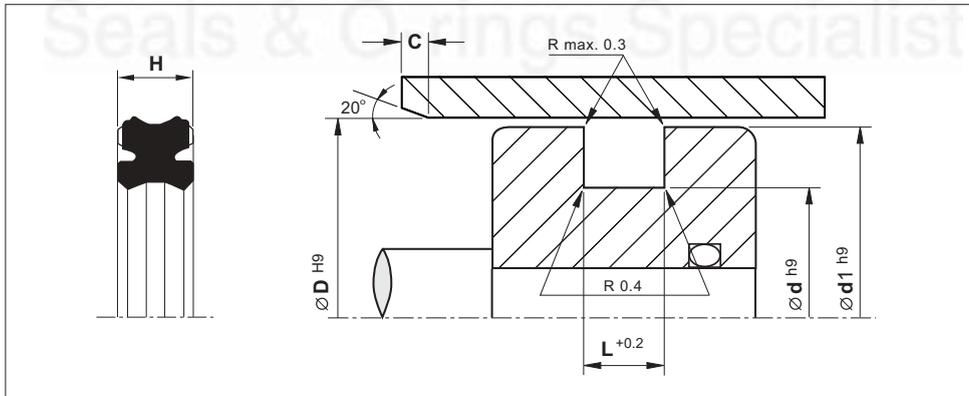
(Metric Size)



Material	Pressure (Bar)	Temp. (°C)	Speed (m/s)
NBR	140 (210)	-25 +100	1

- Double acting seal designed.
- Excellent frictional resistance.
- Twisting and distortion resistance.

### Installation Recommendation



Surface roughness	Ra	Rt	Chamfers	
Sliding surface	$\leq 0.3 \mu\text{m}$	$\leq 4 \mu\text{m}$	<b>D</b>	<b>C</b>
Surface of housing	$\leq 1.8 \mu\text{m}$	$\leq 10 \mu\text{m}$	40-80	2.5
Sides of housing	$\leq 3.0 \mu\text{m}$	$\leq 16 \mu\text{m}$	80-90	3.0
			90 >	4.0

# Rubber Seal - RGU

(Metric Size)

Bore Dia.	Groove Dia.	Seal Height	Groove Width		Piston Dia.	Reference (For order processing)
D	d	H	L	L1*	d1	
40.0	30.0	6.5	7.0	11.0	39.5	RGU-040
45.0	35.0	6.5	7.0	11.0	44.5	RGU-045
50.0	40.0	6.5	7.0	11.0	49.5	RGU-050
55.0	45.0	6.5	7.0	11.0	54.4	RGU-055
60.0	50.0	6.5	7.0	11.0	59.4	RGU-060
63.0	53.0	6.5	7.0	11.0	62.4	RGU-063
65.0	55.0	6.5	7.0	12.0	64.4	RGU-065
70.0	60.0	6.5	7.0	12.0	69.4	RGU-070
75.0	65.0	6.5	7.0	12.0	74.4	RGU-075
80.0	67.0	8.0	8.5	13.5	79.4	RGU-080
85.0	72.0	8.0	8.5	13.5	84.4	RGU-085
90.0	77.0	8.0	8.5	13.5	89.4	RGU-090
100.0	85.0	9.0	10.0	16.0	99.4	RGU-100

\* L1 Groove for RGU used with back up ring can stand pressure up to 210 Bar

