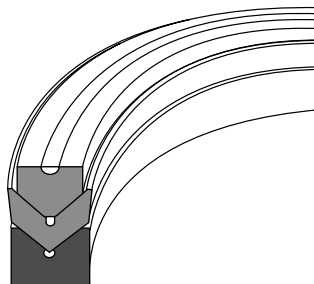


## Piston Seals (Single Acting)

GT-3

(Metric Size)

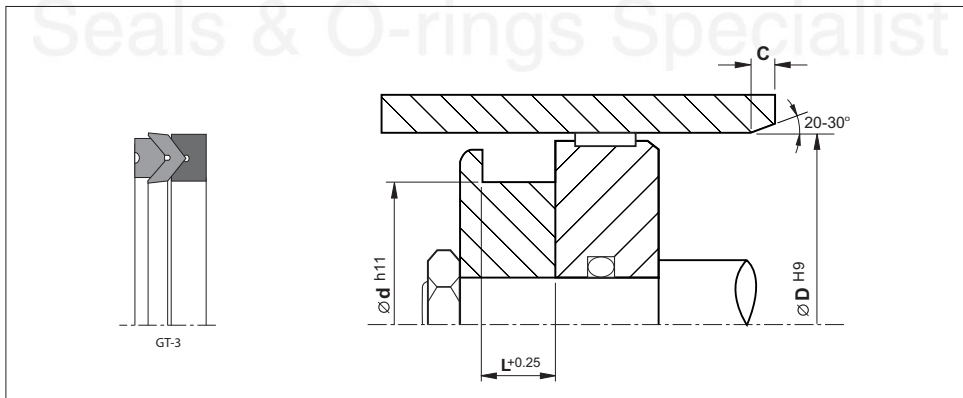


GT-3

Material	Pressure (Bar)	Temp. (°c)	Speed (m/s)
NBR+Fabric	700	-30 +100	0.5

- Exceptional wear resistance.
- Pre-load adjustment capability.
- Excellent behavior in harsh condition.

### Installation Recommendation



Surface roughness	Ra	Rt	Chamfers	
Sliding surface	$\leq 0.3 \mu\text{m}$	$\leq 4 \mu\text{m}$	D	C
Surface of housing	$\leq 1.8 \mu\text{m}$	$\leq 10 \mu\text{m}$	< 60	4.0
Sides of housing	$\leq 3.0 \mu\text{m}$	$\leq 16 \mu\text{m}$	60-120	5.0
			120-180	6.5
			180-250	7.5
			250-500	10.0

# Piston V-Packing

(Metric Size)

Bore Dia.	Groove Dia.	Groove Width	Reference (For order processing)	Reference (For order processing)	Reference
D	d	L			
30.0	20.0	9.3		F-030-020-09.3 H51	4208310
40.0	25.0	11.5	F-040-025-11.5 GT3	F-040-025-11.5 H51	4208010
45.0	30.0	11.5	F-045-030-11.5 GT3		
50.0	35.0	11.5	F-050-035-11.5 GT3	F-050-035-11.5 H51	4207610
55.0	40.0	11.5	F-055-040-11.5 GT3	F-055-040-11.5 H51	4207110
60.0	45.0	11.5	F-060-045-11.5 GT3	F-060-045-11.5 H51	4207210
63.0	48.0	13.0	F-063-048-13.0 GT3	F-063-048-13.0 H51	4207410
70.0	50.0	15.2	F-070-050-15.2 GT3	F-070-050-15.2 H51	4208210
80.0	60.0	15.2	F-080-060-15.2 GT3	F-080-060-15.2 H51	4208110
90.0	70.0	21.2	F-090-070-21.2 GT3	F-090-070-21.2 H51	4207710
100.0	80.0	21.2	F-100-080-21.2 GT3	F-100-080-21.2 H51	4207510
110.0	90.0	21.2	F-110-090-21.2 GT3	F-110-090-21.2 H51	4207910
115.0	95.0	21.2	F-115-095-21.2 GT3		
125.0	100.0	25.8	F-125-100-25.8 GT3	F-125-100-25.8 H51	4207810
140.0	115.0	25.8	F-140-115-25.8 GT3	F-140-115-25.8 H51	4208410
150.0	120.0	29.0	F-150-120-29.0 GT3	F-150-120-29.0 H51	4208510
160.0	130.0	29.0	F-160-130-29.0 GT3	F-160-130-29.0 H51	4208710
180.0	150.0	31.5	F-180-150-31.5 GT3	F-180-150-31.5 H51	4208610
200.0	170.0	33.5	F-200-170-33.5 GT3	F-200-170-33.5 H51	4209010
220.0	190.0	33.5	F-220-190-33.5 GT3		
225.0	195.0	33.5	F-225-195-33.5 GT3	F-225-195-33.5 H51	6582110
240.0	210.0	33.5	F-240-210-33.5 GT3		
250.0	220.0	33.5	F-250-220-33.5 GT3	F-250-220-33.5 H51	6582310
275.0	245.0	33.5		F-275-245-33.5 H51	6582410
280.0	250.0	33.5	F-280-250-33.5 GT3		
300.0	270.0	33.5	F-300-270-33.5 GT3	F-300-270-33.5 H51	6582510
320.0	290.0	33.5	F-320-290-33.5 GT3	F-320-290-33.5 H51	6582610
320.0	280.0	41.5	F-320-280-41.5 GT3		
360.0	320.0	41.5	F-360-320-41.5 GT3		
400.0	360.0	41.5	F-400-360-41.5 GT3		
450.0	410.0	41.5	F-450-410-41.5 GT3		
500.0	460.0	41.5	F-500-460-41.5 GT3		