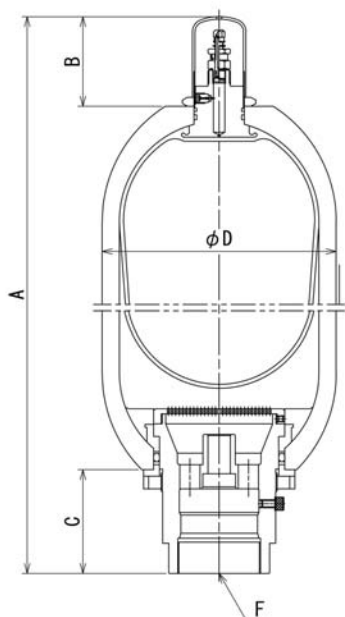


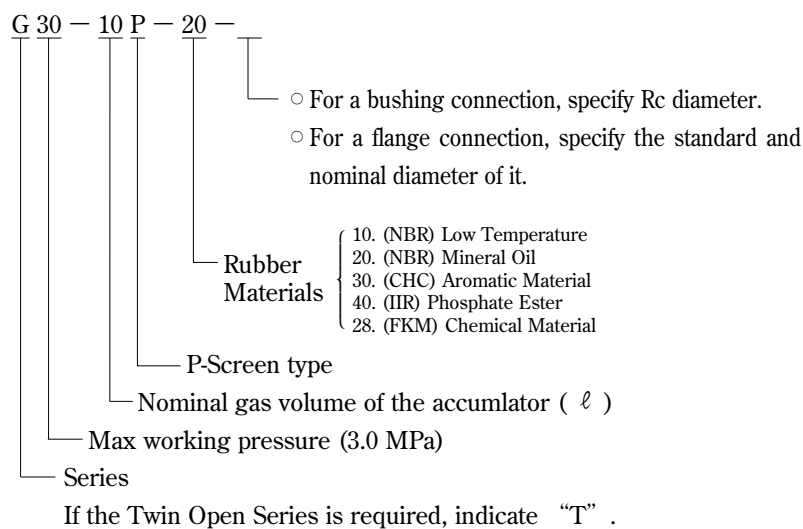
# Screen Type Accumulator

Screen type can be applied to G series and T series. Screen type has a plate with many small holes to allow fluid to pass through, in lieu of a poppet valve placed at the oil port. Max allowable precharge pressure is 0.75MPaG and the bladder of this type is free from damage due to a poppet even if the fluid pressure will be under the precharge pressure or be same to atmosphere pressure. This type is widely used for surge pressure damping in a water pipeline at low-pressure use or in pipelines in petrochemical industries, etc.

## Screen type in General series



### Model symbols :



Model	Dimensions	Max W.P. (MPa)	Gas volume (ℓ)	Mass (kg)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F	Max flow rate (ℓ/min)
G30-1P -2.5P -4P -5P		3.0	1.2	9	391	107	64	118	Bushing height 10 (Ref. to page 8)	Standard unit comes with a bushing Rc3/4 connection. As to a flange connection, refer to page 16.	75
			2.4	11	577			120.0			
			3.7	18	474			168.3			
			4.7	20	536						
			11.3	59	649						
G30-10P -20P -30P -50P -60P		3.0	20.1	76	922	89	108	232		Connection is OPF-S. (Ref. page 16)	700
			36.5	111	1433						
			52.4	143	1941						
			64.0	167	2307						
			10.9	60	662						
19.7	77	935									
36.1	112	1446									
52.1	144	1954									
62.6	168	2320									
T30-80P -120P -180P		3.0	79.0	162	1364	110	355.6			Connection is OPF-S. (Ref. page 16)	700
			127.0	234	1968						
			183.0	316	2666						

◎ Max flow rate is calculated under the situation where the pressure difference between the accumulator and the pipe line is 1.18MPa.

◎ Max flow rate is designed in the case where the fluid material is mineral oil VG46 at 28°C.