

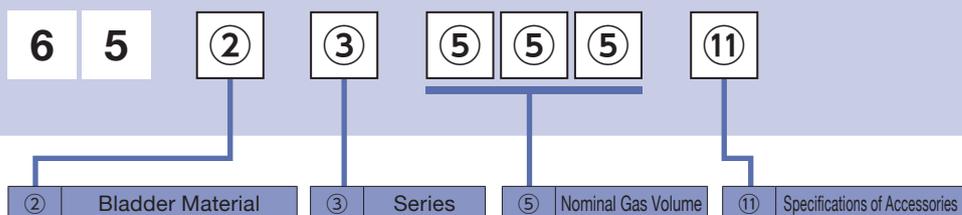
Bladder

Since bladders are consumables, periodically replacing them is recommended. Periodic bladder replacement ensures operation without emergency system shutdown.

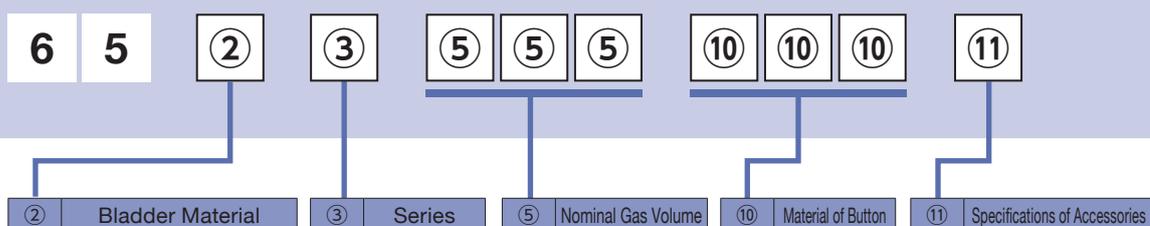
When ordering accumulator bladders listed in the catalogue, please refer to the page about accessories/tools for each series along with the following information.

When ordering special items (accumulator item number containing "X") or accumulator bladders not listed in the catalogue, please refer to page 220 and inform us of the serial number of the accumulator in use.

Item Number of Bladders without a Button



Item Number of Bladders with a Button



② Bladder Material

Select the item number code corresponding to the material suitable for "service fluid" and "service temperature" for the accumulator in use.

※1 J series standard nitrile bladders with a button are designated by "B".

Symbol	Bladder Material		Service Fluid	Allowable Service Temperature (°C)	O-ring Material
N	Standard Nitrile Rubber	NBR	Turbine Oil	-10~+70	NBR
B	Standard Nitrile Rubber with Button ※1	NBR	Fatty Acid Ester Fluid		
H	Nitrile Rubber for High Temperature Use	H.NBR	Water Glycol Fluid W/O Emulsion Fluid O/W Emulsion Fluid Biodegradable Fluid	-10~+110	FKM
L	Nitrile Rubber for Low Temperature Use	L.NBR	Tap Water Sea Water	-35~+70	L.NBR
F	Butyl Rubber	IIR	Phosphate Ester Fluid	-10~+70	FKM
E	Ethylene Propylene Rubber	EPDM	Phosphate Ester Based Fluid		EPDM
C	Chloroprene Rubber	CR	Basic, Water	-20~+80	CR
G	Epichlorohydrin Rubber	CHC			FKM
V	Fluorine Rubber	FKM			FKM

③ Series

Select the item number code corresponding to the series name of the accumulator in use.

※2 Please designate "N" for A series accumulators with a nominal gas volume of 150 L.

Symbol	Series	Symbol	Series	Symbol	Series	Symbol	Series
A	A Series ※2	J	J Series	R	R Series	U	U Series
G	G Series	N	N Series	S	S Series	Y	Y Series
H	H Series						