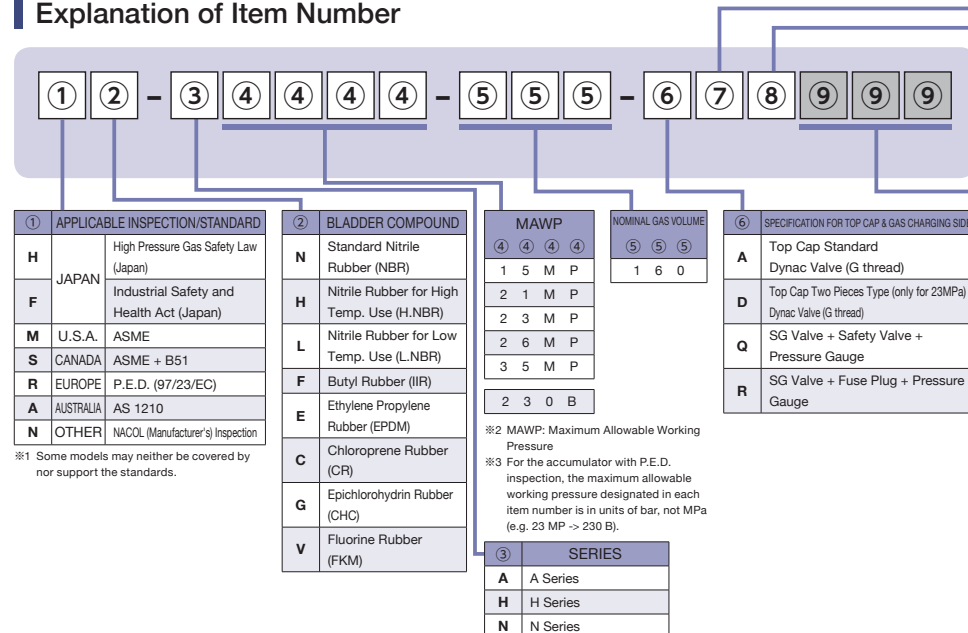


Accumulator

Explanation of Item Number



⑦	SPECIFICATION FOR OIL PORT SIDE
A	Carbon Steel
D	Stainless Steel ※4

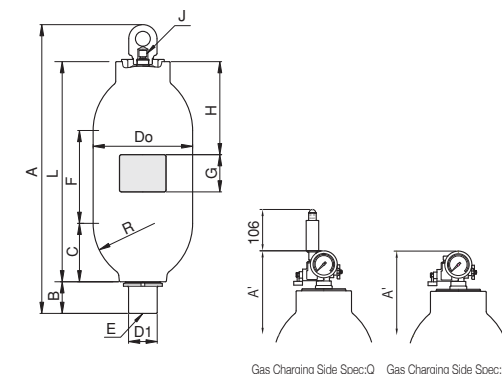
※4 When selecting D, please contact us.

⑧	SPECIFICATION OF SHELL	SURFACE TREATMENT	SERVICE FLUID
C	Standard Material (Carbon Steel)	Inside & Outside Surface : Zinc Phosphate Treatment (Standard)	Petroleum Based Hydraulic Oil & Other Fluid
D		Inside & Outside Surface : Standard Paint Coating	Water + Glycol Fluid
A		Inside Surface : Standard Paint Coating	Petroleum Based Hydraulic Oil & Other Fluid ※5
B		Outside Surface : Zinc Phosphate Treatment	Petroleum Based Hydraulic Oil & Other Fluid ※5
N		Inside Surface : Zinc Phosphate Treatment	Petroleum Based Hydraulic Oil & Other Fluid
W		Outside Surface : Standard Paint Coating	Water + Glycol Fluid
H		Inside & Outside Surface : Standard Plating	Petroleum Based Hydraulic Oil - Water + Glycol Fluid & Other Fluid

※5 Inner surface coating is unsuitable when using fire resistant fluids that may cause the paint to peel off, such as phosphate ester based fluids and water glycol fluids.

⑨ ⑨ ⑨	SPECIAL SPECIFICATION
***	For special specifications, the item number designation includes a three-digit number.

Dimensional Drawing



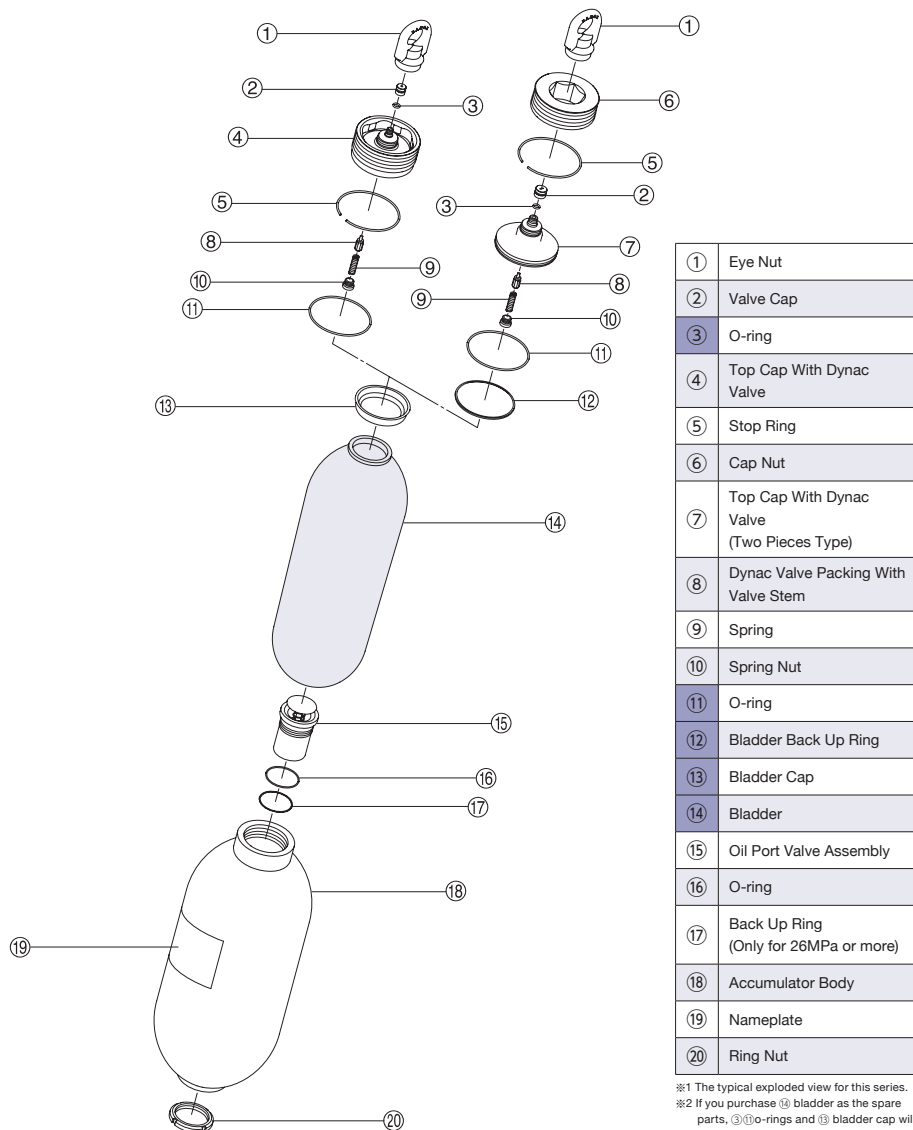
Dimensional Table

Maximum Allowable Working Pressure MPa	Item Number	Nominal Gas Volume L	Mass kg	A ^{+17 0} mm	A' ^{+17 0} mm	L mm			B mm	C mm	F mm	H mm	G mm	φDo±1% mm	φD1 mm	R mm	E	J	Allowable Oil Flow Rate [When Vertically Installed] 16~320cSt	Possible Oil Flow Rate
15	① ② - N 1 5 M P - 1 6 0 - ⑥ ⑦ ⑧	160	370	2,088	2,094	1,870			119	246	1,340	1,000	90	406.4	111	260	M90x2	G1/4	1,200L/min	1,800L/min ※7
21	① ② - N 2 1 M P - 1 6 0 - ⑥ ⑦ ⑧		490																	
23	① ② - N 2 3 M P - 1 6 0 - ⑥ ⑦ ⑧		500																	
26	① ② - A 2 6 M P - 1 6 0 - ⑥ ⑦ ⑧	150	460	2,104	2,111	1,875			97	256	1,342				92.5	280	M75x2	G3/8	900L/min	—
35	① ② - H 3 5 M P - 1 6 0 - ⑥ ⑦ ⑧	145	540	2,107	2,114	1,878				252	1,337					300				

※6 Dimensions without tolerance indication are for reference. Please confirm the dimensions with the actual product.

※7 Maximum oil flow rate available under certain conditions.

Typical Exploded View

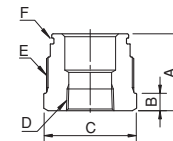


※1 The typical exploded view for this series.
 ※2 If you purchase ⑬ bladder as the spare parts, ③ O-rings and ② valve cap will be attached with the bladder.
 ※3 Instead of ⑪ O-ring, ⑫ bladder back up ring is used for A series (150L) and H series (145L) accumulator.

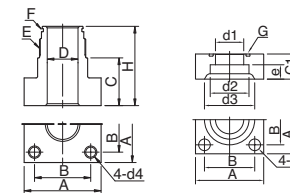
Piping Connection

Dimensional Drawing

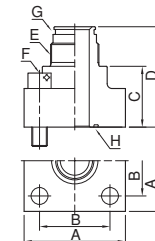
● Bushing



● Flange (with Counter Flange)



● Valve Flange



※1 The above shows the shape of representative model. Confirm the actual shape with the drawing or the actual product.

※2 When there is no indication of maximum allowable working pressure of your accumulator in the column of "Applicable ACC. MAWP" of the following dimensional table, please contact us.

Dimensional Table

● Bushing

Applicable ACC. MAWP	Item Number	Connection Port Size	A	B	C	D	E	F	
								O-Ring	B.U. Ring
15MPa 21MPa 23MPa	6RCM90R06N25M	Rc3/4	71	20	φ100 (Width across flat 90)	Rc3/4	M90x2	JIS B2401 G80	—
	6RCM90R08N25M	Rc1							
	6RCM90R10N25M	Rc1-1/4							
	6RCM90R12N25M	Rc1-1/2							
	6RCM90R16N25M	Rc2							

● Flange (with Counter Flange)

Applicable ACC. MAWP	Item Number	CPS	A	B	C	H	e	φD	C1	φ d1	φ d2	φ d3	φ d4	φ d5	E	F		G
																O-Ring	B.U. Ring	
15MPa 21MPa	6FCM9025AX003	25A	100	73	38	89	14	47.5	36	25	34.5	45	M16	18	M90x2	JIS B2401 G80	—	G60
	6FCM9032AX002	32A																
	6FCM9040AX001	40A																
	6FCM9050AN21M	50A																

● Valve Flange

Applicable ACC. MAWP	Item Number	CPS	A	B	C	D	E	F	G		H
									O-Ring	B.U. Ring	
15MPa 21MPa	6FCM9032DN21M	32A	76	56	103	154	M90x2	M12x45	JIS B2401 G80	—	G40
	6FCM9050DN21M	50A	100	73	120	171					
26MPa	6FCM7525DX030	25A	φ106	52	125	173	M75x2	M16x55	JIS B2401 G65	JIS B2407 G65	G35
35MPa	6FCM7525DX031								AS568 229	AS568 229	

CPS: Connection Port Size MAWP: Maximum Allowable Working Pressure

Accessories/Tools

Maximum Allowable Working Pressure MPa					15		21				23		26		35		
Item Number of Accumulator					①②-N15MP-160-⑥⑦⑧		①②-N21MP-160-⑥⑦⑧				①②-N23MP-160-⑥⑦⑧		①②-A26MP-160-⑥⑦⑧		①②-H35MP-160-⑥⑦⑧		
Optional Parts	Gas Charging Tools Kit ※ 1			☞ P204	6GG□□□□□□□□						6GH□□□□□□□□						
	For Installation	NACOL Clamp			☞ P200	6KH406						6KH406					
		NORMA Clamp			☞ P201	6081C406						6081C406					
		Base Mounting Plate (Exclusively for NACOL Clamp)			☞ P199	—						—					
		Base Mounting Plate (Exclusively for NORMA Clamp)			☞ P199	—						—					
		Bladder Replacement	Parts	Bladder			☞ P210	65②N160A						65②N160A			
Bladder Back Up Ring						—						640082501160					
Tools	Cap Wrench			☞ P208	6TWH100						6TWH63		— (Please use a commercially available wrench.)				
Dynac Valve Replacement (DV Spec.)	Parts		Dynac Valve Packing with Valve Stem			☞ P212	645026400A						645026400A				
		Spring			☞ P212	645045500						645045500					
		Spring Nut			☞ P212	645048200						645048200					
	Tools	Spring Nut Key			☞ P212	6TWH04						6TWH04					
For Oil Port Valve Assembly	Tools	Ring Nut Wrench			☞ P209	6TWD140						6TWD140				6TWD120	
Separately Available Parts	Eye Nut (Hanging Tool)				6HTM42						6HTM42H63		6HTM42				
	Valve Cover				645049705						645049705						
	Exclusively for Q/R Spec.	SG Valve			☞ P196	6H□-AV35MP-F03-M42A						6H□-AV35MP-F03-M42A					
		Pressure Gauge Containing Glycerol			☞ P197	6018DUF0206□□□□G						6018DUF0206□□□□G					
		Spring Loaded Type Safety Valve			☞ P198	6H-SV□□□□-03-F03						6H-SV□□□□-03-F03					
		Fuse Plug			☞ P197	6H-FP35MP-03-F03						6H-FP35MP-03-F03					

※1 Nitrogen gas charging, inspection, or pressure adjustment requires a gas charging tools kit.
(Only a hose and an adaptor are required for R or Q specification accumulator with SG valve.)