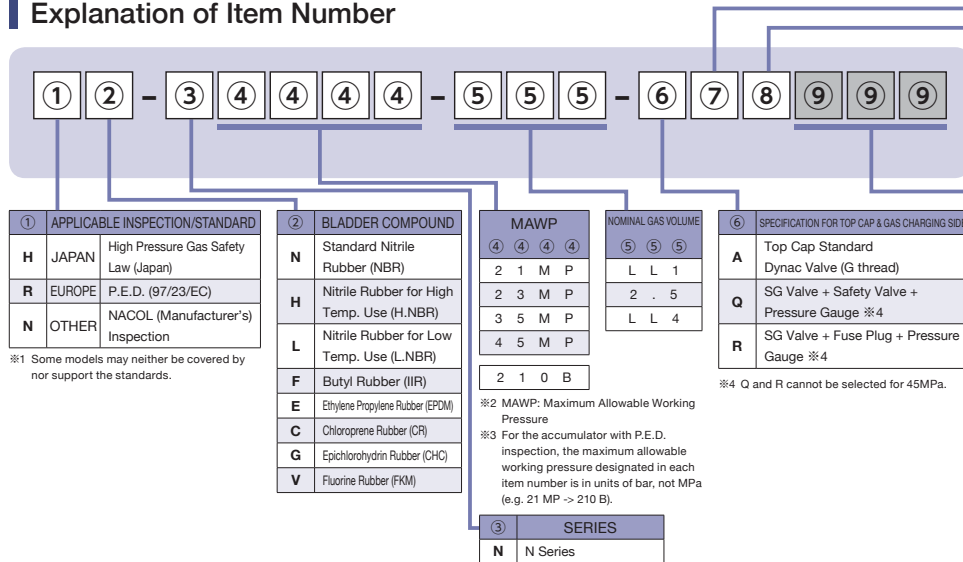
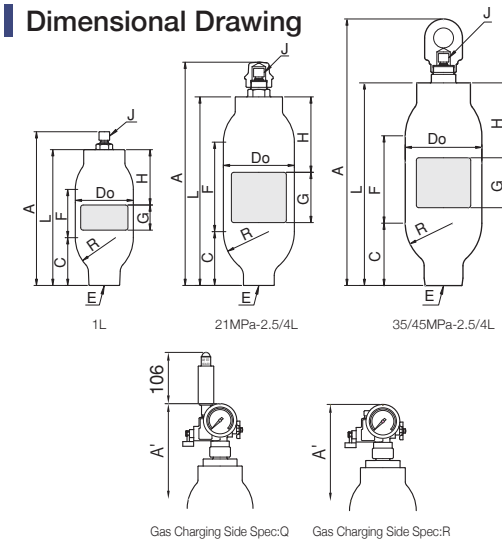


Accumulator

Explanation of Item Number



Dimensional Drawing

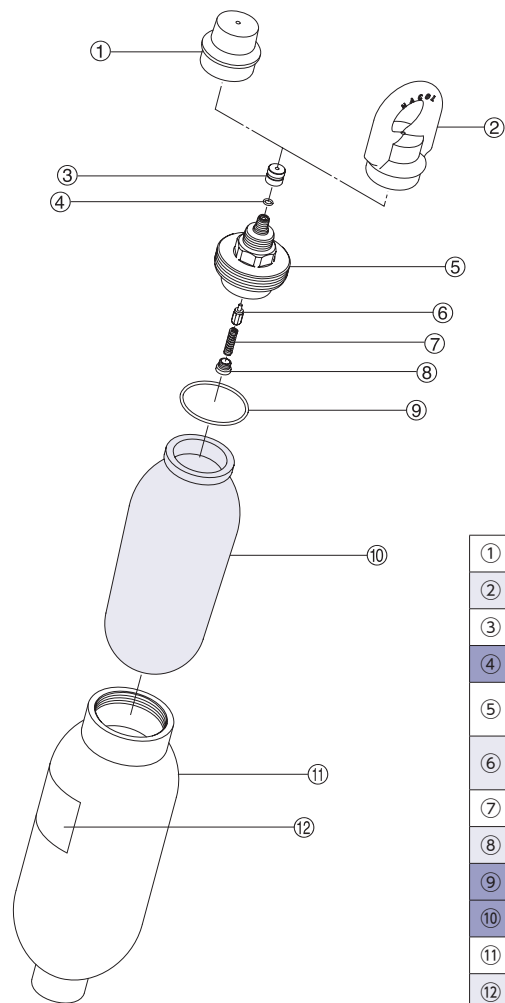


Dimensional Table

Maximum Allowable Working Pressure MPa	Item Number	Nominal Gas Volume L	Mass kg	A mm	A' mm	L mm			C mm	F mm	H mm	G mm	φDo±1% mm	R mm	E	J	Allowable Oil Flow Rate [When Vertically Installed] 16-320cSt
21	①② - N 2 1 M P - L L 1 - ⑥⑦⑧	1	7	300 ^{+8 0}	397 ^{+8 0}	264			95	90	110	50	114.3	80		G1/4	
	①② - N 2 1 M P - 2 . 5 - ⑥⑦⑧	2.5	13	438 ^{+8 0}	502 ^{+8 0}	369			107	172	150	90	139.8	90			
	①② - N 2 1 M P - L L 4 - ⑥⑦⑧	4	18	581 ^{+8 0}	645 ^{+8 0}	512				315							
23	①② - N 2 3 M P - L L 1 - ⑥⑦⑧	1	7	300 ^{+8 0}	397 ^{+8 0}	264			95	90	110	50	114.3	80	M42x2		120L/min
35	①② - N 3 5 M P - L L 1 - ⑥⑦⑧	1	14.5	331 ^{+9 0}	424 ^{+9 0}	291			112	89							
	①② - N 3 5 M P - 2 . 5 - ⑥⑦⑧	2.5	23	523 ^{+9 0}	530 ^{+9 0}	397			125	166	150	90	152.4	95			
	①② - N 3 5 M P - L L 4 - ⑥⑦⑧	4	30	666 ^{+9 0}	673 ^{+9 0}	540				309							
45	①② - N 4 5 M P - L L 1 - ⑥⑦⑧	1	14.5	331 ^{+9 0}	—	291			112	89	110	50	127	80		G3/8	
	①② - N 4 5 M P - 2 . 5 - ⑥⑦⑧	2.5	23	523 ^{+9 0}	—	397			125	166	150	90	152.4	95			
	①② - N 4 5 M P - L L 4 - ⑥⑦⑧	4	30	666 ^{+9 0}		540				309							

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

Typical Exploded View



①	Valve Cover
②	Eye Nut ※3
③	Valve Cap
④	O-ring
⑤	Top Cap With Dynac Valve
⑥	Dynac Valve Packing With Valve Stem
⑦	Spring
⑧	Spring Nut
⑨	O-ring
⑩	Bladder
⑪	Accumulator Body
⑫	Nameplate

※1 The typical exploded view for this series.

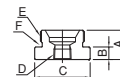
※2 If you purchase ⑩ bladder as the spare parts, ④, ⑨ o-rings will be attached with the bladder.

※3 Only for 2.5L and 4L accumulator which maximum allowable working pressure is 35MPa or more.

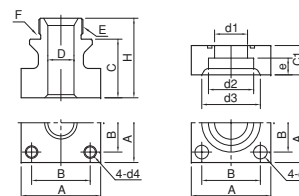
Piping Connection

Dimensional Drawing

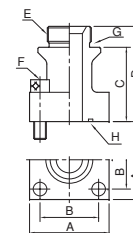
● Bushing



● 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
21MPa 23MPa	6RAM42R02N23M	Rc1/4	28	12	φ53 (Width across flat 50)	Rc1/4	M42x2	AS568 920	—
	6RAM42R03N23M	Rc3/8				Rc3/8			
	6RAM42R04N23M	Rc1/2				Rc1/2			
	6RAM42R06N23M	Rc3/4				Rc3/4			
35MPa	6RAM42R02N35M	Rc1/4	57	22	φ70 (Width across flat 65)	Rc1/4	M42x2	AS568 920	Special B.U. Ring
	6RAM42R03N35M	Rc3/8				Rc3/8			
	6RAM42R04N35M	Rc1/2				Rc1/2			
	6RAM42R06N35M	Rc3/4				Rc3/4			

● 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	
21MPa	6FAM4215AN21M	15A	54	36	22	42	11	16	22	16	22.2	32	M10	11	M42x2	AS568 920	—	G25
	6FAM4215LX003	15A					12			20	27.7	38	M12	13				G40
	6FAM4220LX005	20A	76	56	56	76	14	25	28	25	34.5	45						G60
	6FAM4225LX001	25A					16			31.5	43.2	56						G80
	6FAM4232LN21M	32A					18	48	36	37.5	49.1	63	M16	18				G30
	6FAM4240AX008	40A	100	73		56	20			47.5	61.1	75						G40
35MPa	6FAM4250AN21M	50A				36				12.3	22.2	37.5	M12	14	M42x2	AS568 920	AS568 920	G30
	6FAM4215AX009	15A	68	48		71	12	16	28	16.2	27.7	43.5						G40
	6FAM4220AN35M	20A								21	34.5	53	M16	18				G40
	6FAM4225AX006	25A	92	65	45	80	14	25	36									

● Valve Flange

Applicable ACC. MAWP	Item Number	CPS	A	B	C	D	E	F	G		H
									O-Ring	B.U. Ring	
21MPa	6FAM4232DN21M	32A	76	56	71	91	M42x2	M12x45	AS568 920	—	G40
	6FAM4250DN21M	50A	100	73	36	84		M16x55			G60
35MPa	6FAM4225DX020	25A	95	65	35	136	M42x2	M16x60	AS568 920	AS568 920	G30
	6FAM4232DN35M	32A	100	70	70	105					G35

CPS: Connection Port Size MAWP: Maximum Allowable Working Pressure

Accessories/Tools

Maximum Allowable Working Pressure MPa				21	23			35	45
Item Number of Accumulator				①②-N21MP-LL1-⑥⑦⑧	①②-N23MP-LL1-⑥⑦⑧			①②-N35MP-LL1-⑥⑦⑧	①②-N45MP-LL1-⑥⑦⑧
				①②-N21MP-2.5-⑥⑦⑧				①②-N35MP-2.5-⑥⑦⑧	①②-N45MP-2.5-⑥⑦⑧
				①②-N21MP-LL4-⑥⑦⑧				①②-N35MP-LL4-⑥⑦⑧	①②-N45MP-LL4-⑥⑦⑧
Optional Parts	Gas Charging Tools Kit ※ 1				☞ P204	6GG		6GH	
	For Installation	NACOL Clamp		☞ P200	1L:6K114N 2.5/4L:6K139N	6K114N		1L:6K127N 2.5/4L:6K152N	
		NORMA Clamp		☞ P201	1L:6081C114 2.5/4L:6081C140	6081C114		1L:6081C128 2.5/4L:6081C152	
		Base Mounting Plate (Exclusively for NACOL Clamp)		☞ P199	—			—	
		Base Mounting Plate (Exclusively for NORMA Clamp)		☞ P199	—			—	
Bladder Replacement	Parts	Bladder		☞ P210	65②N⑤⑤⑤A			65②N⑤⑤⑤A	
		Bladder Back Up Ring			—			—	
	Tools	Cap Wrench		☞ P208	— (Please use a commercially available wrench.)			— (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	—			—	
Separately Available Parts	Eye Nut (Hanging Tool)					6HTM32 (Cannot be installed to 1L)	—	6HTM42 (Cannot be installed to 1L)	
	Valve Cover					645049608 (Cannot be installed to 1L)	—	645049705 (Cannot be installed to 1L)	
	Exclusively for Q/R Spec.	SG Valve		☞ P196	6H -AV35MP-F03-M32A			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.)