Epichlorohydrin Rubber

G (CHC)

Fluorine Rubber

V | Fluorine Hubber (FKM)

#2 Depending on the gas volume, some bladder materials may not be supported by NACOL

# dder Type - Slim B

### **Explanation of Item Number** Dimensional Drawing SPECIFICATION FOR OIL PORT SIDE A Carbon Steel D Stainless Steel #4 \*4 When selecting D, please contact us. |-|5||5||5|-|6||7||8||9||9 SPECIFICATION SURFACE TREATMENT С Inside & Outside Surface Petroleum Based Hydraulic Oil & Other Fluid Zinc Phosphate D Water + Glycol Fluid Treatment (Standard Petroleum Based Hydraulic Oil & Other Fluid #5 Inside & Outside Surface Do APPLICABLE INSPECTION/STANDARD Standard Paint Coating ② BLADDER COMPOUND MAWP NOMINAL GAS VOLUME 6 SPECIFICATION FOR TOP CAP & GAS CHARGING SIDE Inside Surface : 5 5 5 4 4 4 4 Top Cap Standard Petroleum Based Hydraulic Oil & Other Fluid Material Standard Paint Coating Outside Surface : Zinc Phosphate Treatmen Ν Rubber (NBR) Dynac Valve (G thread) 2 5 M P L 1 0 (Carbon JAPAN Industrial Safety and Nitrile Rubber for High SG Valve + Safety Valve + Inside Surface : N L 2 0 Zinc Phosphate Treatment Outside Surface : Standard Paint Coating Oil & Other Fluid Health Act (Japan) Temp. Use (H.NBR) Pressure Gauge W Water + Glycol Fluid L 3 0 Nitrile Rubber for Low SG Valve + Fuse Plug + Pressure M U.S.A. ASME L 5 0 Inside & Outside Surface Petroleum Based Hydraulic Oil ·Water + Glycol Fluid & Other Fluid Temp. Use (L.NBR) Gauge N OTHER NACOL (Manufacturer's) Inspection Standard Plating 3 MAWP: Maximum Allowable Working Butyl Rubber (IIR) %1 Some models may neither be covered by %5 Inner surface coating is unsuitable when using fire resistant fluids that may nor support the standards. Ethylene Propylene cause the paint to peel off, such as phosphate ester based fluids and water SERIES glycol fluids Rubber (EPDM) Gas Charging Side Spec:Q Gas Charging Side Spec:F U U Series Chloroprene Rubber SPECIAL SPECIFICATION D1 С (CR) For special specifications, the item number designation includes a \* \* \* three-digit number.

## **Dimensional Table**

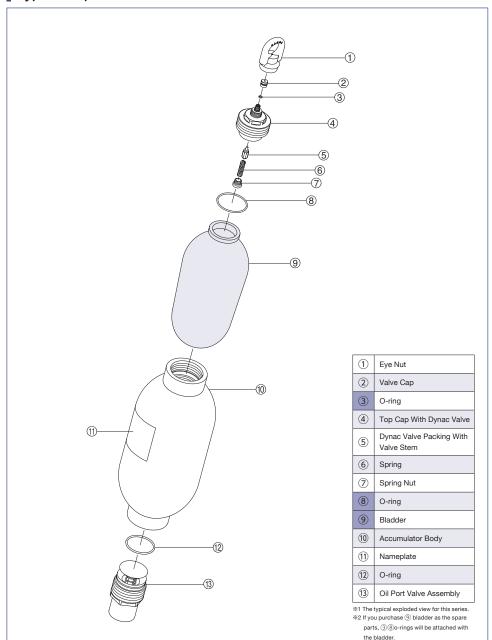
Maximum Allowable Working Pressure MPa		Nominal Gas Volume L	Mass kg	A <sup>+12</sup> 0 mm	A' <sup>+12</sup> 0 mm	L mm		B mm	C mm	F mm	H mm	G mm	φDo±1% mm	фD1 mm	R mm	E	J	Allowable Oil Flow Rate  [ When Vertically Installed ] 16-320cSt
	①②-U25MP-L10-⑥⑦⑧	10	55	742	749	540				218	200					M60x2		
	①②-U25MP-L20-⑥⑦⑧	20	90	1,086	1,093	884				562	250							
	①②-U25MP-L30-⑥⑦⑧	30	126	1,466	1,473	1,264				942	400							
25	①②-U25MP-L50-⑥⑦⑧	5 M P - L 5 0 - 6 7 8 50 176 1,976 1,983 1,774	1,774		79	79 159	1,452	700	90	232	76	150 -		G1/4	600L/min			
25	①②-U25MP-L10-⑥⑦⑧G16	10	55	742	749	540		79		218	200	90	232	76	130	00	dii4	600L/IIIII
	①②-U25MP-L20-⑥⑦⑧G16	20	90	1,086	1,153	884				562	250							
	①②-U25MP-L30-⑥⑦⑧G16	30	126	1,466	1,533	1,264				942	400					G2		
	①②-U25MP-L50-⑥⑦⑧G16	50	176	1,976	2,043	1,774				1,452	700							

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

¾7 U series 10 L, 30 L and 50 L accumulators use a seamed bladder (not a seamless one-piece bladder).

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# Typical Exploded View

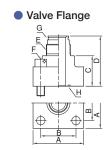


# **Piping Connection**

# Dimensional Drawing

Bushing





- %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.	Item Number	Connection	А	В	C	D	E	F		
MAWP	item Number	Port Size	^	ь		D	_	O-Ring	B.U. Ring	
	6RCM60R02X014	Rc1/4				Rc1/4		AS568 225		
	6RCM60R03X014	Rc3/8				Rc3/8	M60x2		_	
25MPa	6RCM60R04X014	Rc1/2	63	20	φ75 (Width across flat 70)	Rc1/2				
	6RCM60R06X014	Rc3/4			(Width dorood hat 70)	Rc3/4				
	6RCM60R08X014	Rc1				Rc1				

### Valve Flange

Applicable ACC.	Item Number	CPS	Δ	R		D	E	E	(	ш	
MAWP	item Number	01 0		В			_	'	O-Ring	B.U. Ring	
25MPa	6FCM6050DX034	50A	100	73	36	79	M60x2	M16x55	AS568 225	-	G55

CPS:Connection Port Size MAWP: Maximum Allowable Working Pressure

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Maxir	num Allo	wable Working Press	ure MPa	25						
				①②-U25MP-L10-⑥⑦⑧						
					①②-U25MP-L20-⑥⑦⑧					
				①②-U25MP-L30-⑥⑦®						
				①②-U25MP-L50-⑥⑦⑧						
	Item Nu	mber of Accumulato	r	12-U25MP-L10-678G16						
				①②-U25MP-L20-⑥②®G16						
				12-U25MP-L30-678G16						
				①②-U25MP-L50-⑥②®G16						
	Gas Ch	narging Tools Kit ※ 1		6GG						
		NACOL Clamp	Ca	☞P200	6KH232					
Optional Parts	For	NORMA Clamp	0		6081C232					
	Installation	Base Mounting Plate (Exclusively for NACOL Clamp)	1949	☞P199	-					
		Base Mounting Plate (Exclusively for NORMA Clamp)	49	☞P199	-					
	Parts	Bladder		☞P210	652USSSA					
Bladder Replacement		Bladder Back Up Ring	$\bigcirc$		-					
	Tools Cap Wrench		•	☞ P208	— (Please use a commercially available wrench.)					
	Parts	Dynac Valve Packing with Valve Stem	tem		645026400A					
Dynac Valve Replacement		Spring		☞ P212	645045500					
(DV Spec.)		Spring Nut		☞ P212	645048200					
	Tools	Spring Nut Key	>	☞P212	6TWH04					
For Oil Port /alve Assembly	Tools	Ring Nut Wrench	~	☞P209	— (Please use a commercially available wrench.)					
	Eye l	Nut (Hanging Tool)	anging Tool)		6HTM32					
		Valve Cover			645049608					
Separately Available	Exclusively for Q/R	SG Valve		☞P196	6H - AV35MP-F03-M32A					
Parts		Pressure Gauge Containing Glycerol		☞P197	6018DUF0206 G					
	Spec.	Spring Loaded Type Safety Valve		☞P198	6H-SV03-F03					
		Fuse Plug		☞P197	6H-FP35MP-03-F03					

<sup>%1</sup> 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.)

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