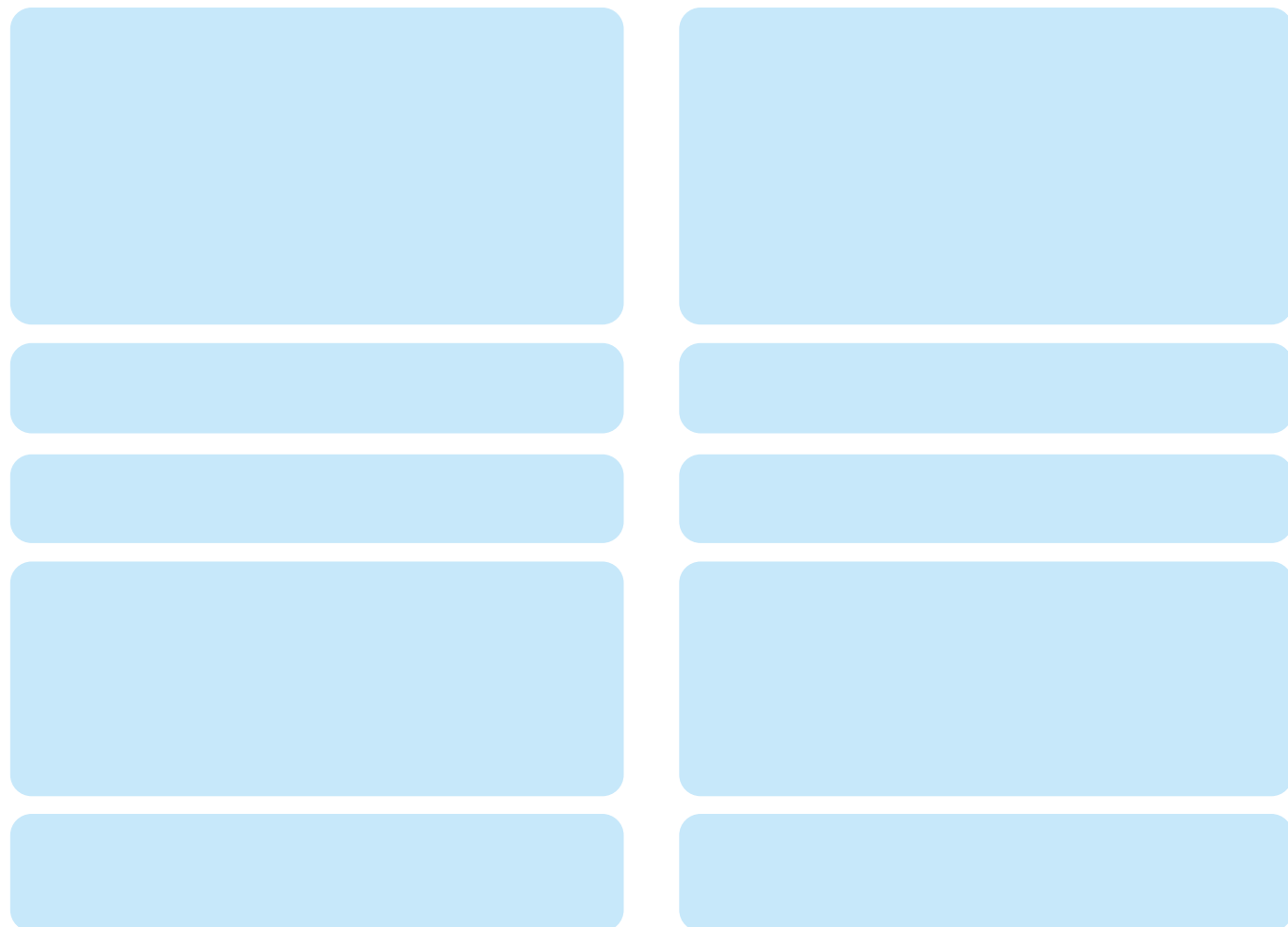



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SAFETY PRECAUTIONS

Before you use the product, you MUST read the operation or operators manual and MUST fully understand how to use the product. To use the product safely, you MUST carefully read all Warnings and Cautions in this manual. You MUST also observe the related regulations and rules regarding safety.

 Use the safety equipment to avoid the injury when you operate the product.

Pay enough attention on handling method to avoid pinching hands or back problems that may be caused by heavy weight of the product or handling posture.

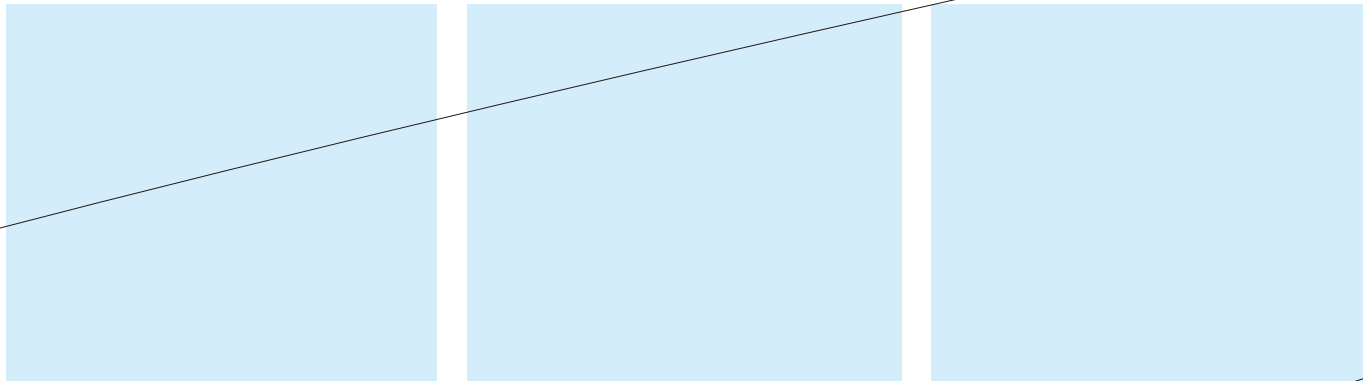
Do not step on the product, hit it, drop it or give strong outside force to it, as one of these actions may cause the failure of w

Installation, removal, plumbing, and wiring must be done by the certified person.

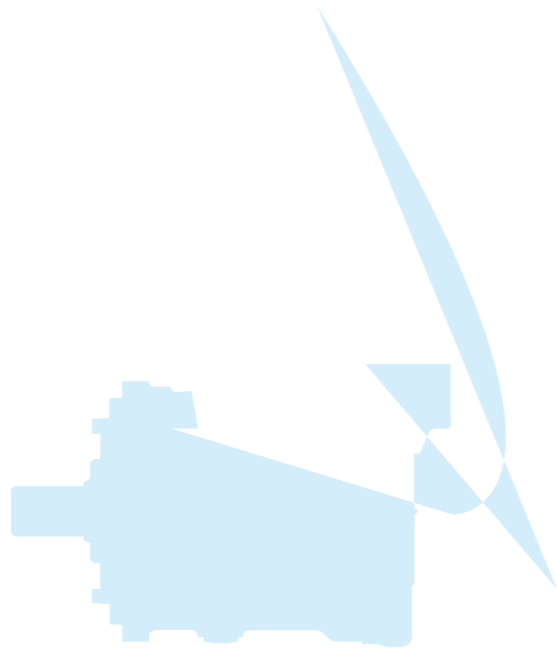
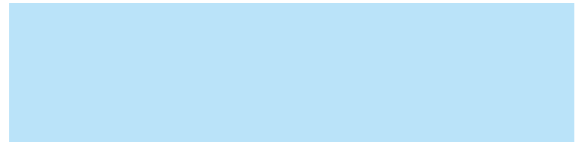
*CERTIFIED PERSON : a person who has enough knowledge like a person who is trained by Kawasaki's hydraulic school.

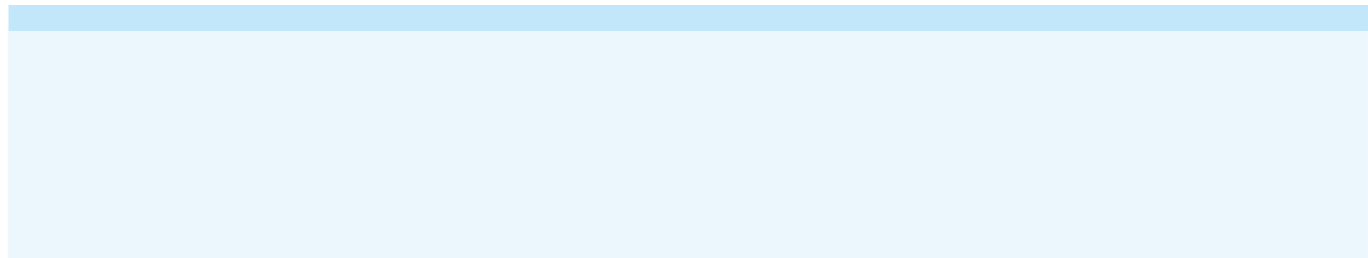
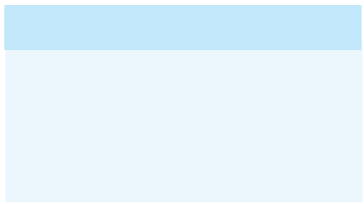
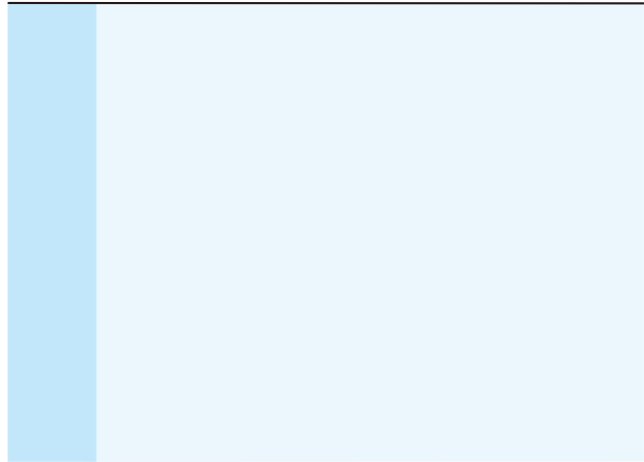
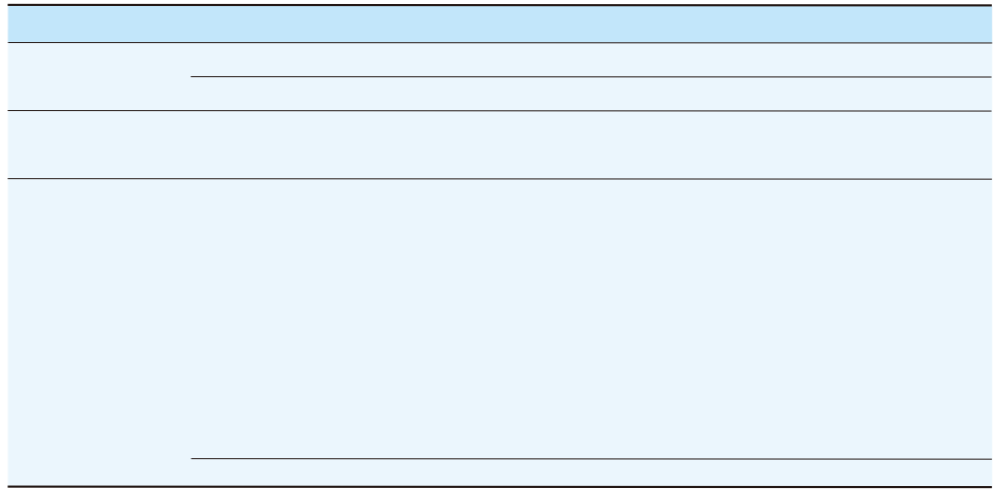
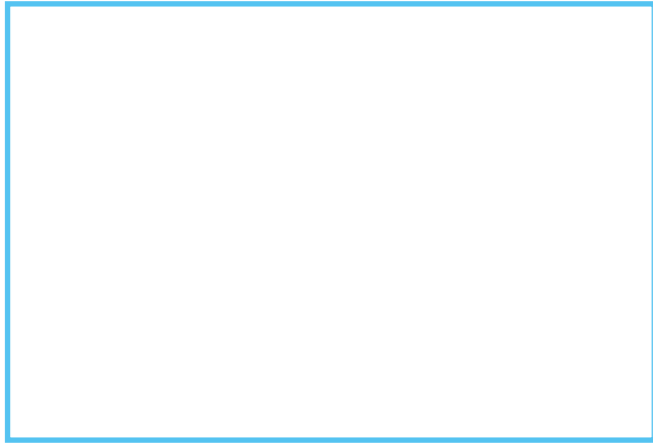
Make it sure that the power of the hydraulic power unit is turned off and that the electric motor or engine has completely stopped before starting installation or removal. You must also check the system pressure has dropped to zero.

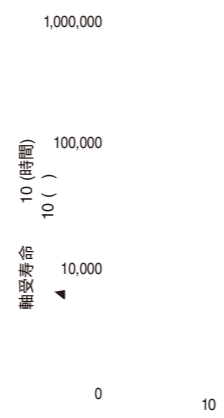








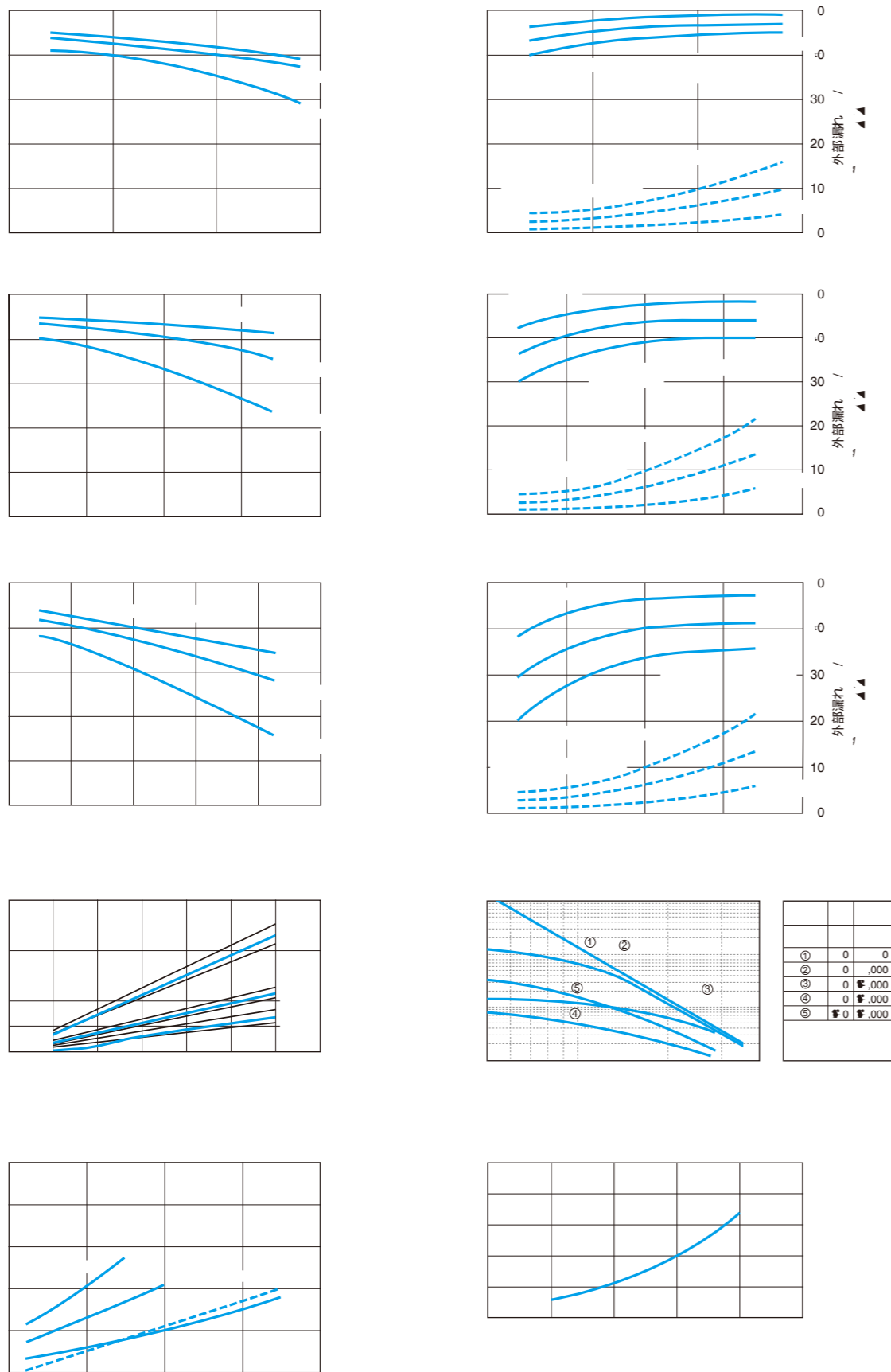




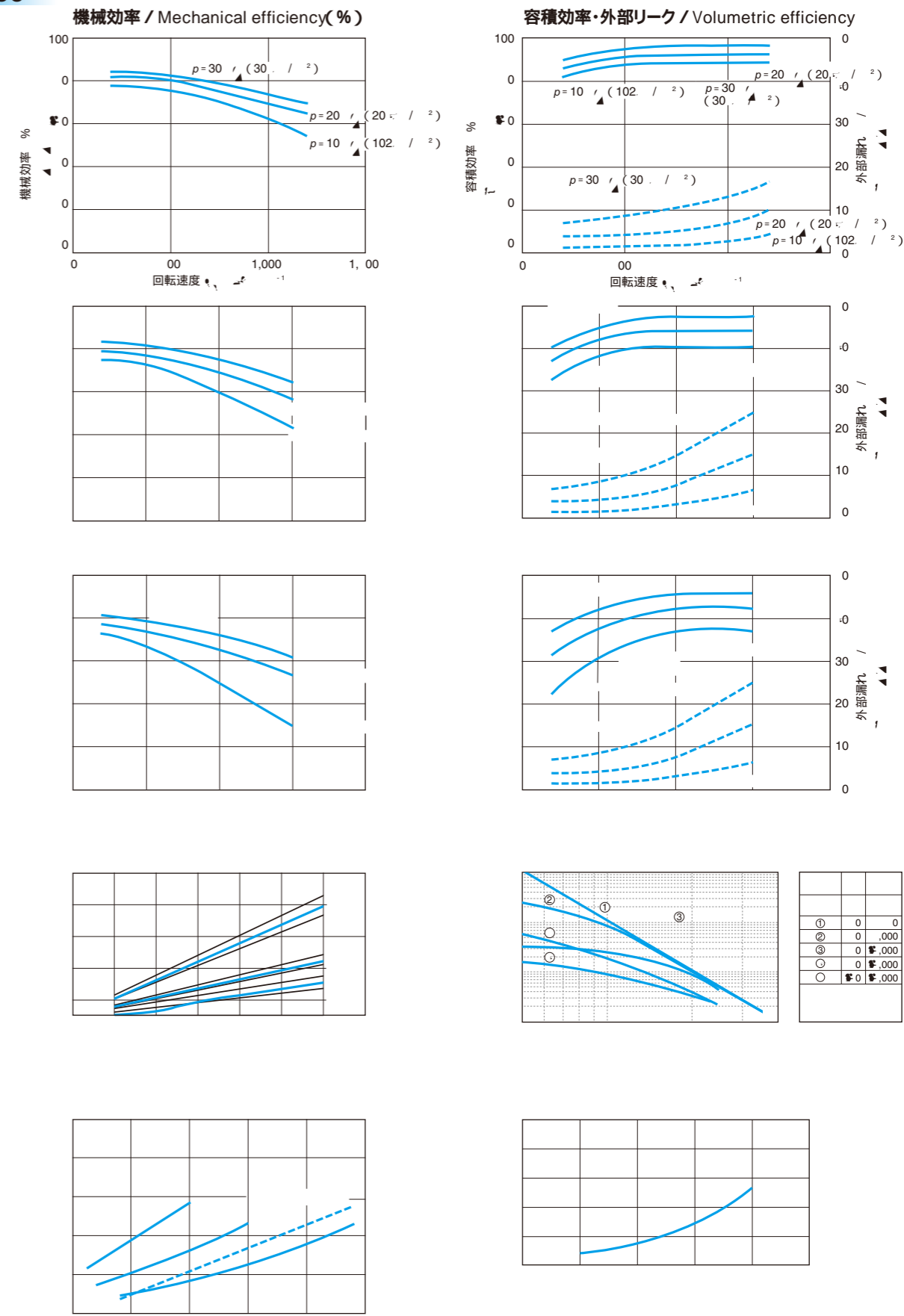
図の数値は、保証値ではなく平均値です。

油温 t_o : 50
 粘度 η : 32 mm²/s

M3B530



M3B800



コード code	制御形式 control type	制御線図 control curve	機能および特長	〜&⑦⑦
1			パイロット圧力により、予め設定された2容量をネガティブに切換えます。 パイロット圧力2. ~ .0 ① の供給が必要です。	
2			電圧指令により、予め設定された2容量をネガティブに切換えます。 パイロット圧力2. ~ .0 ① の供給が必要です。	
3				
4				
5			電圧指令により、予め設定された2容量をポジティブに切換えます。 パイロット圧力2. ~ .0 ① の供給が必要です。	
6				
7				

コード code	制御形式 control type	制御線図 control curve	機能および特長	〜&⑦⑦
<input type="checkbox"/>	自動制御機能なし ①②③④⑤⑥⑦⑧⑨⑩⑪⑫⑬⑭⑮⑯⑰⑱⑲⑳㉑㉒㉓㉔㉕㉖㉗㉘㉙㉚㉛㉜㉝㉞㉟㊱㊲㊳㊴㊵㊶㊷㊸㊹㊺			
<input type="checkbox"/>	シーケンス制御 ①②③④⑤⑥⑦⑧⑨⑩⑪⑫⑬⑭⑮⑯⑰⑱⑲⑳㉑㉒㉓㉔㉕㉖㉗㉘㉙㉚㉛㉜㉝㉞㉟㊱㊲㊳㊴㊵㊶㊷㊸㊹㊺		小容量で使用している場合に、負荷が大きくなると所定の圧力で自動的に大容量に切り替わります。その後、所定の圧力に下がるまで大容量を保持します。 標準設定： $p_{2-1} = 2 \text{ ①}$, $p_{1-2} = 3 \text{ ①}$	
<input type="checkbox"/>	馬力一定制御 ①②③④⑤⑥⑦⑧⑨⑩⑪⑫⑬⑭⑮⑯⑰⑱⑲⑳㉑㉒㉓㉔㉕㉖㉗㉘㉙㉚㉛㉜㉝㉞㉟㊱㊲㊳㊴㊵㊶㊷㊸㊹㊺		負荷に応じて所定の圧	

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Applicable to M3X/B 530, 800

ì ç Ò " 7 Valve specifications

~ v " rated flow	240L/min
7 G v " max. flow	350L/min
7 ð - ; y — max. pressure	30.9MPa (315kgf/cm ²)
æ æ " Ñ + f y — set pressure of relief valve	Ps : 30.9MPa (315kgf/cm ²)
µ Ó " ç - ð y — spool shifting pressure	% ± y — cracking•0.91MPa (9.3 kgf/cm ²) î 2 y — reseal•0.78MPa (8.0 kgf/cm ²)

x # \$

& ; Þ " » • . 9 #

Applicable to M3X/B 530, 800

ì ç Ò " 7 Valve specifications

~ v " rated flow	380L/min
7 G v " max. flow	500L/min
7 ð - ; y — max. pressure	34.3MPa (350kgf/cm ²)
æ æ " Ñ + f y — set pressure of relief valve	Ps : 36.3MPa (370kgf/cm ²)
µ Ó " ç - ð y — spool shifting pressure	% ± y — cracking•0.78 MPa (8.0 kgf/cm ²) î 2 y — reseal•0.69 MPa (7.0 kgf/cm ²)

ì ç Ò " 7 Valve specifications

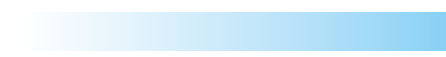
7 ð - ; y — max. pressure	37.8MPa (385kgf/cm ²)
7 G v " max. flow	275L/min
7 ð æ æ " Ñ f y — set pressure of high pressure relief	34.3MPa (350kgf/cm ²)
7 ÿ æ æ " Ñ f y — 70L/min Ì set pressure of low pressure relief(at 70L/min)	1.8MPa (18kgf/cm ²)
µ Ó " ç ^ y — spool shifting pressure	2.0MPa (20kgf/cm ²)

7 ð - ; y — max. pressure	34.3MPa (350kgf/cm ²)
7 G v " max. flow	780L/min
½ £ ç « + « â ç © ï y — cracking pressure of check valve	0.03MPa (0.3kgf/cm ²)

Model	M3X200-RG03S5.7	M3X280-RG06S6.4	M3X530-RG10S5.7	M3X800-RG16S6.4
		M3B280-RG06S6.4	M3B530-RG10S5.7	M3B800-RG16S6.4
Displacement (cm ³)	149	252	533	800
Rated pressure (MPa(kgf/cm ²))	21.9 (223)	20.6 (210)	20.6 (210)	19.6 (199)
Max. speed (rpm)	270	190	150	130
Max. flow (L/min)	230	310	450	670
Theoretical output torque (N·m)	2,930	5,280	9,870	16,000
Gear ratio	5.65	6.40	5.65	6.4
Total displacement (cm ³)	840	1,610	3,010	5,120
Allowable radial force (L)	58,800	88,300	118,000	157,000
Load point (mm)	89	95	113	126
Mass (kg)	98	150	243	420

(mm) 86

± /size	A	B1	B2	C	D	E	F	G	H	I	J	K	L	M	N
M3X200AP-RG03S5.7	119	443		85	405	13	60	22	360	260 f7	268	122	103		320
M3X280 P-RG06S6.4 M3B280 P-RG06S6.4	130	501 549	569 616	95	463 511	14	70	25	394	320 f7	318	130	117		360
M3X530 P-RG10S5.7 M3B530 P-RG10S5.7	154	550 623	550 720	111	513 586	15	81	30	480	330 f7	415	165	154		450
M3X800AP-RG16S6.4 M3X800BP-RG16S6.4	164	623	739	108	586 598	20	75	179	460	380 f7	460	178	169		424
M3B800AP-RG16S6.4 M3B800BP-RG16S6.4	201	655	771	141	618 630	15	114	32	570	390 f7	464	178	169		520



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