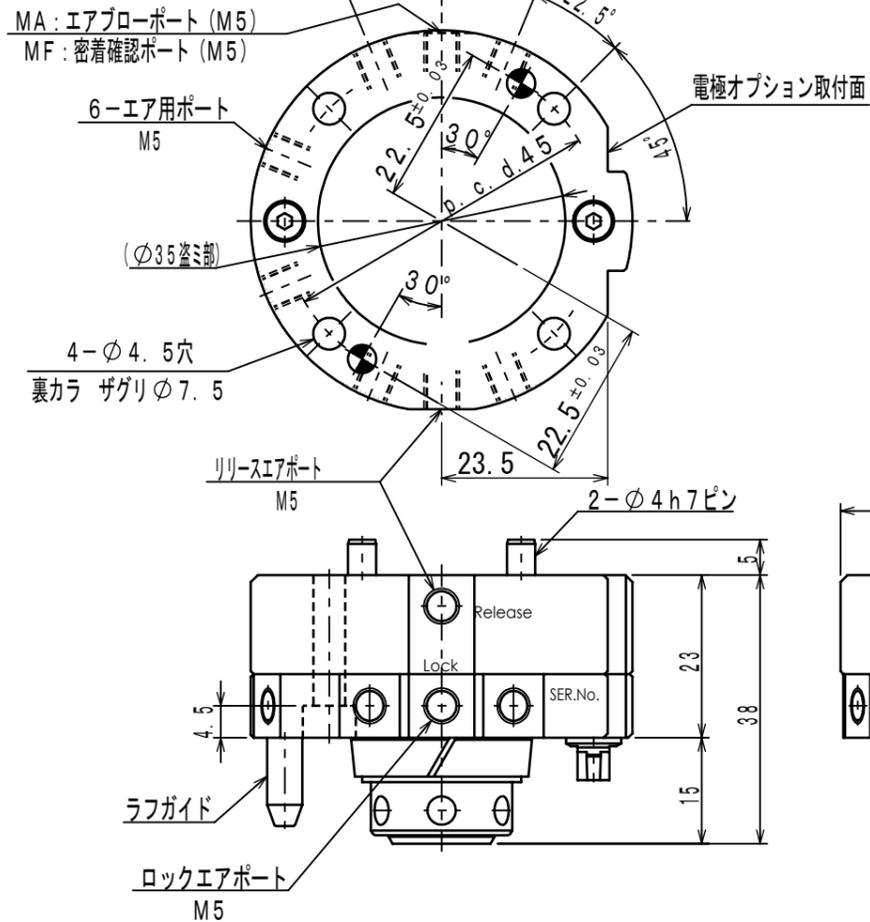
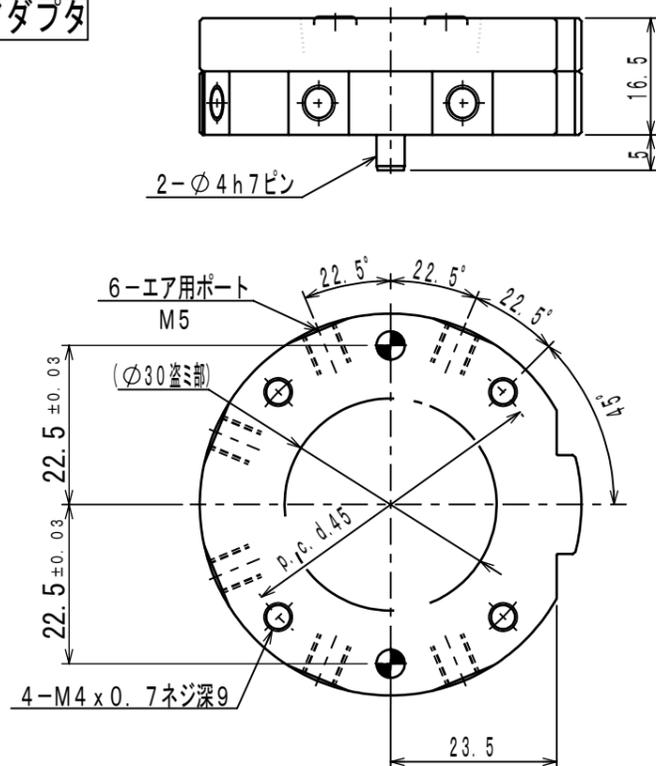


**マスターシリンダ**



**ツールアダプタ**



**形式表示**

マスターシリンダ : KWR0120-MA

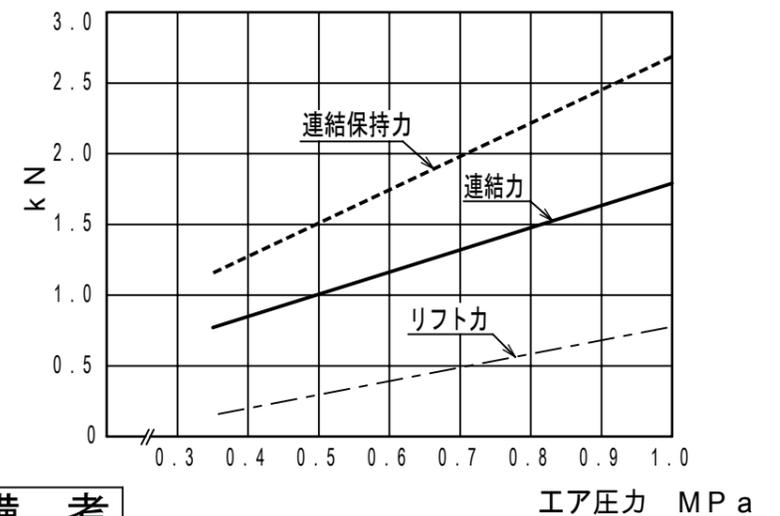
ポートオプション A:エアブローポート付  
F:密着確認ポート付

ツールアダプタ : KWR0120-T

**仕様**

可搬質量	kg	12
位置再現精度	mm	0.003
リフト量 (払い出し量)	mm	0.8
許容静的モーメント N・m	曲げ方向	27
	ねじり方向	45
製品質量 (本体部) g	マスター側	約250
	ツール側	約160
エアポート		M5×6本
駆動用エア圧力 MPa	最高使用圧力	1.0
	最低使用圧力	0.35
使用エア圧力 (-MA) MPa	耐圧	1.5
	ブロー用圧力	0.4~0.5
使用温度	°C	0~70
使用流体		ドライエア

**能力線図**



**備考**

・本図は、リリース状態を示します。

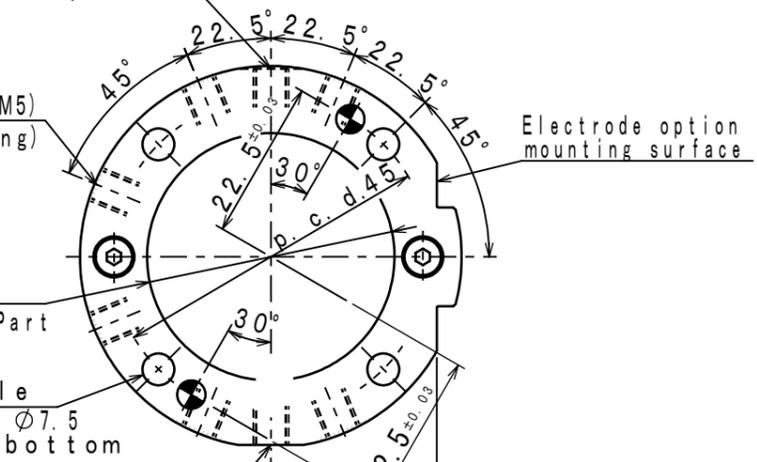
CAREER		SCALE	TYPE	KWR0120
		1:1		HAND CHANGER
APPROVAL	INSPECTION	DRW 3D	NAME	OUTSIDE VIEW
		DATE	DRW NO.	61G865220 0 1/2 P
Kitagawa Corporation				

**Master Cylinder**

MA: Air blow port (M5)  
MF: Seating check port (M5)

6-Air port (M5)  
(For jointing)

4- $\phi 4.5$  hole  
Counter bore  $\phi 7.5$   
from the bottom

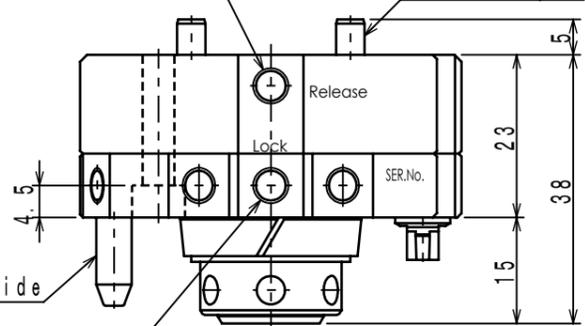


Electrode option  
mounting surface

( $\phi 35$ )  
Thinned Part

Air port (M5)  
(For release)

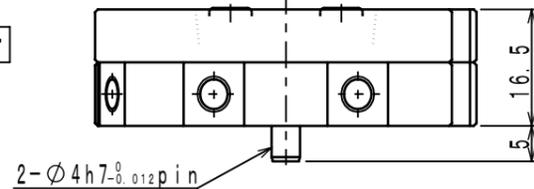
2- $\phi 4h7-0.012$  pin



Rough Guide

Air port (M5)  
(For lock)

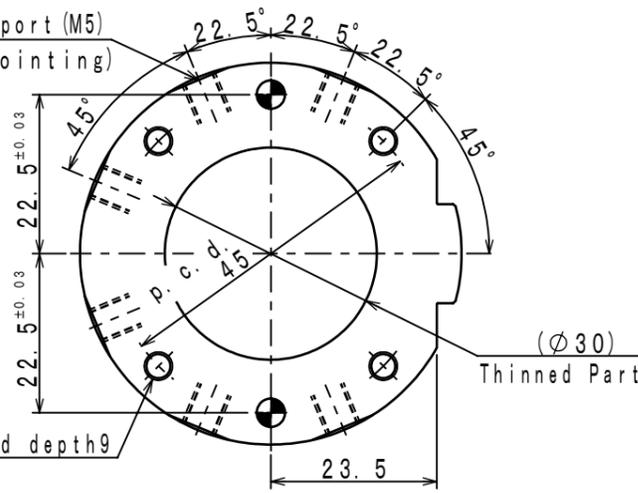
**Tool Adapter**



2- $\phi 4h7-0.012$  pin

6-Air port (M5)  
(For jointing)

4-M4x0.7 thread depth 9



( $\phi 30$ )  
Thinned Part

**Model code**

Master Cylinder  
KWR0120-MA

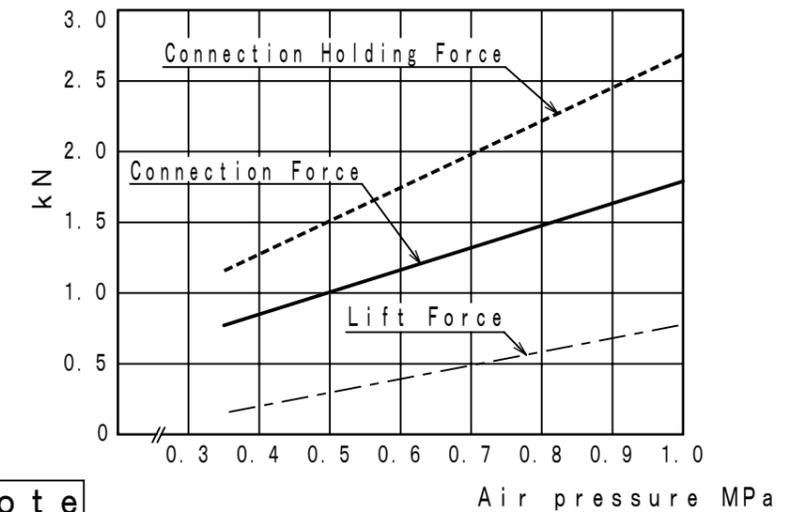
Port options A: Air blow port  
F: Seating check port

Tool Adapter  
KWR0120-T

**Specifications**

Payload	kg	12
Repeatability	mm	0.003
Lift stroke (Detaching stroke)	mm	0.8
Allowable static moment N·m	Bending	27
	Twisting	45
Weight (Main part) g	Master side	about 250
	Tool side	about 160
Air Jointing		M5x6
Use air pressure MPa	Max. operating pressure	1.0
	Min. operating pressure	0.35
	Design pressure	1.5
	Air blow pressure (-MA)	0.4~0.5
Operating temperature	°C	0~70
Working fluid		Dry Air

**Performance Curve**



**Note**

The drawing shows the release condition.

CAREER		SCALE	TYPE	KWR0120
		1:1		HAND CHANGER
APPROVAL	INSPECTION	DRW 3D	NAME	OUTSIDE VIEW
			3RD ANGLE	
Kitagawa Corporation		DATE	DRW NO.	61G865220 0 2/2 P