

## Description of the type

**UP — 2 1 M**

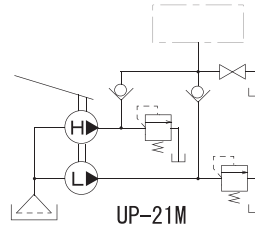
- M : For single-acting cylinder  
(Port M14 x 1.5)
- B : For single-acting cylinder \* UP-22 type only  
(Port M22 x 1.5)
- D : For double-acting cylinder  
(Port M14 x 1.5)

Series No : 2 1  
                  : 2 2

200 MPa manual pump

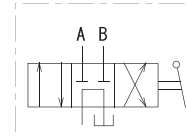
## Standard hydraulic circuit diagram

W/O attached operating valve

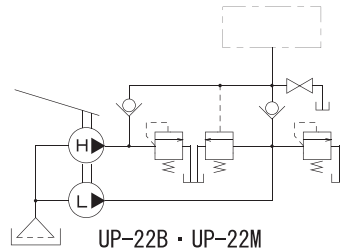


UP-21M

Attached operating valve  
SMVT-2K-4

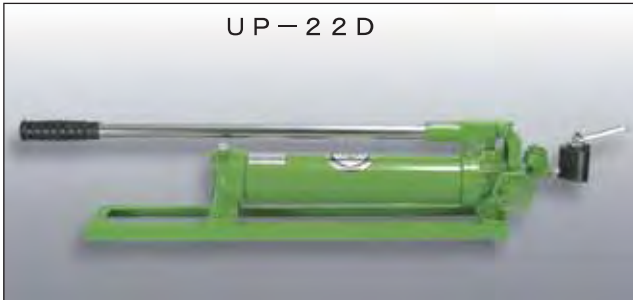


W/O attached operating valve UP-21D



UP-22B • UP-22M

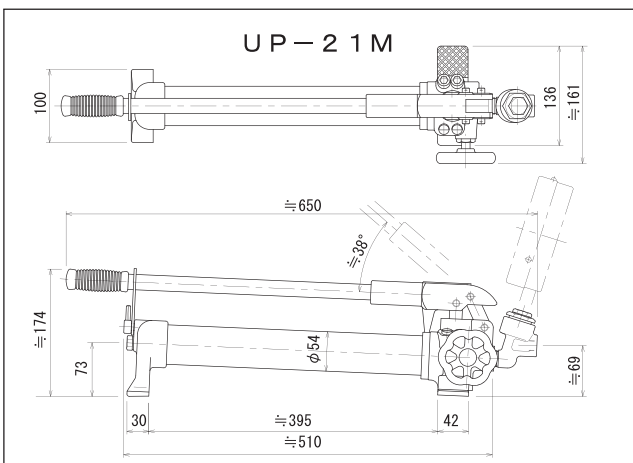
UP-22D



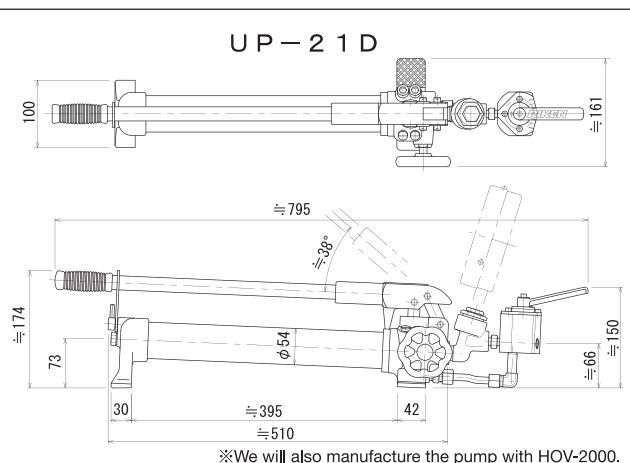
UP — 2 2 D

## Specification

Type	Maximum operating pressure (MPa)		Discharge volume (cm <sup>3</sup> /stroke)		Port	Tank oil level (cm <sup>3</sup> )	Effective oil level (cm <sup>3</sup> )	Lever load (kg)	Approximate weight (kg)
	High pressure	Low pressure	At high pressure	At low pressure					
UP-21M	200	2	0.75	9.75	M14 x 1.5	700	600	52.0	8.2
UP-21D					M14 x 1.5				9.8
UP-22B		3	1.6	31.0	M22 x 1.5	2100	1800	64.0	18.6
UP-22M					M14 x 1.5				18.6
UP-22D					M14 x 1.5				20.2

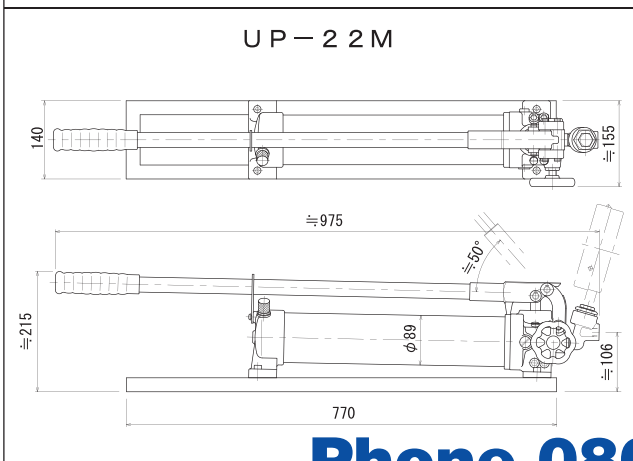


UP — 2 1 M

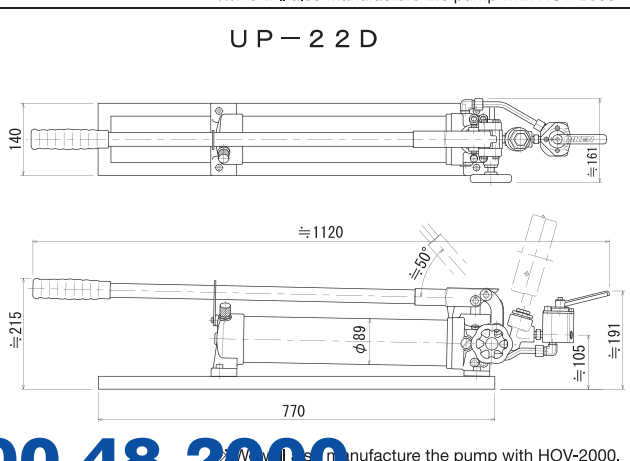


UP — 2 1 D

※We will also manufacture the pump with HOV-2000.



UP — 2 2 M



UP — 2 2 D

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