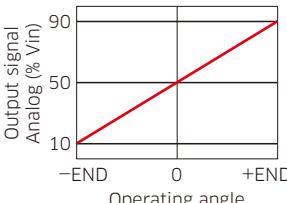
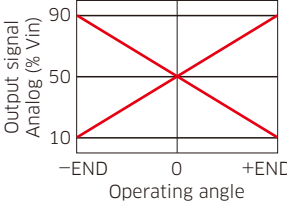
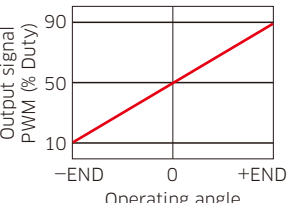
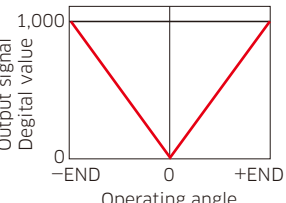
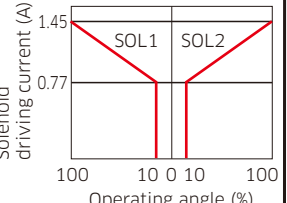
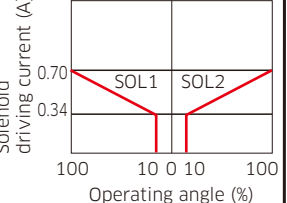


Type of Electrical Output

Type of Output	Analog	PWM	CAN **	Solenoid Driver
Input Voltage	5V	12V	12V / 24V	12V / 24V
Output Signal	Standard type  Fail safe type 			12V type  24V type 

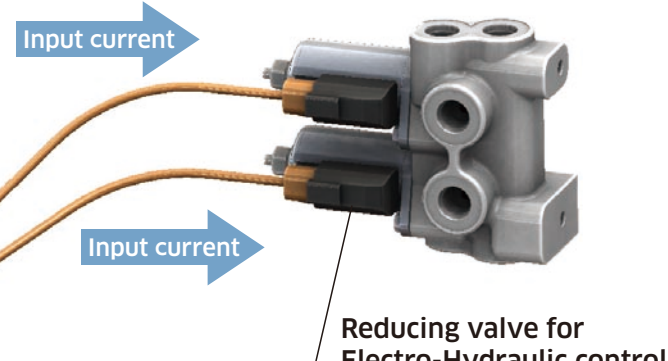
** Under development



Proportional switch

Solenoid driver
 Solenoid driver is built in the handle.
 When a controller is not set in the machine, this solenoid driver can drive directly the reducing valve to control flow.

The proportional switch on the handle gives signal to the solenoid driver that drives directly the reducing valves.



Reducing valve for Electro-Hydraulic control

●Materials and specifications are subject to change without manufacturer's obligation.

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Electric Remote Controller

ERU series

ERU Series is Kawasaki designed electric control unit perfectly suit to the electric control system especially for mobile applications.



Features

1. High reliability and less friction, using non-contact type potentiometer.
2. Electromagnetic noise-proof construction with ISO11452 series standard etc.
3. Environmental worthiness and Water-proof construction can be functional in any circumstances.
 (Operating temperature range : −40~75℃)

Dual Axis Type electric control base and handle

ERU2

ERU2 is dual axis type electric control base.

Model Code

ERU2 - ※ - ※

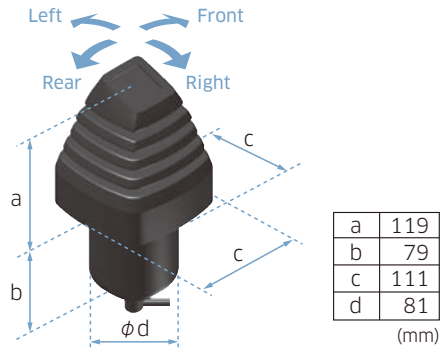
Series
ERU2 Standard type
ERU2D Detent type

Design Code
Type of Output
Analog
PWM
CAN

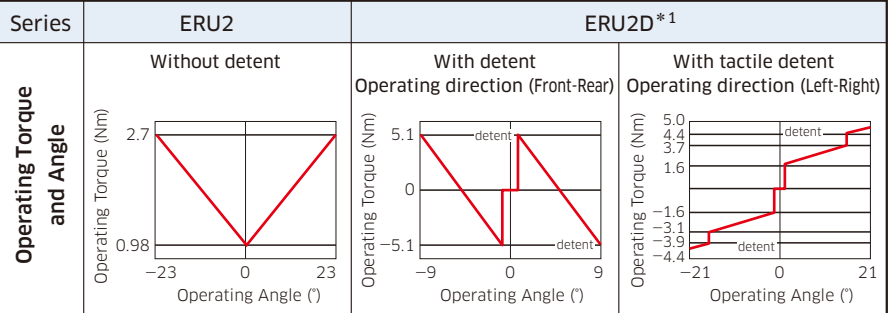
Specifications

Series	ERU2	ERU2D
Operating Torque (Nm)	Refer to "Operating Torque and Angle"	
Operating Angle (°)	Refer to "Operating Torque and Angle"	
Temperature range (°C)	- 40 ~ 75	
Type of Output	Refer to P.4 "Type of Electrical Output"	

Dimension



Operating Torque and Angle



*1 ERU2D has two types of detent functions and can be operated in two axial directions, Left-Right-axis and Front-Rear-axis.

ERUH, ERUHM

ERUH and ERUHM can be attached with electric control base "ERU2".
For various type of application control, ERUH&ERUHM own variety of switches.

Model Code

ERUH 1 - ※ - ※

Series
ERUH Standard type
ERUHM Compact type

Design Code
Type of Output
Analog
PWM
CAN
Solenoid Driver build in type*2

Number of Slide switch

*2 See page4

Specifications

Series		ERUH / ERUHM			
Slide Switch	Operating Torque (mNm)	Min.	17	19	18
		Max.	35	46	68
Operating Angle (°)		±13			
Temperature range (°C)		- 40 ~ 75			
Type of Output		Refer to P.4 "Type of Electrical Output"			

Switch Variation

	Front							Rear		
	W/O Slide switch		With Slide switch							
Combination of the switches	ON/OFF*3 switches		ON/OFF with Slide switch			Slide switch			Trigger switch	Rocker switch
			Top 	Left 	Right 	Top 	Left 	Right 		
	Series	Number of the ON/OFF switches					Number of the switches			
ERUH	0 ~ 4		0 ~ 2			0 ~ 1			0 ~ 2	0 ~ 1
ERUHM	0, 1, 3		0 ~ 2			—			0 ~ 1	—

*3 : ON/OFF switch position can be changed. Please consult with Kawasaki.

Single Axis Type electric control unit

ERUP

ERUP is the Pedal type electric remote control base.

Model Code

ERUP1 - ※ - ※

Series
ERUP1 Single type
ERUP2 Double type

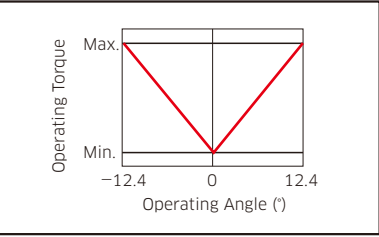
Design Code
Type of Output
Analog
PWM
CAN

●ERUP1 has a pedal with an option.

Specifications

Series	ERUP1	ERUP2
Operating Torque (Nm)	Min.	4.9
	Max.	8.8
Operating Angle (°)	±12.4	
Damper	without	with
Temperature range (°C)	- 40 ~ 75	
Type of Output	Refer to P.4 "Type of Electrical Output"	

Operating Torque and Angle



ERUS

ERUS is electric control unit of the single axis.

Model Code

ERUS1 - ※ - ※

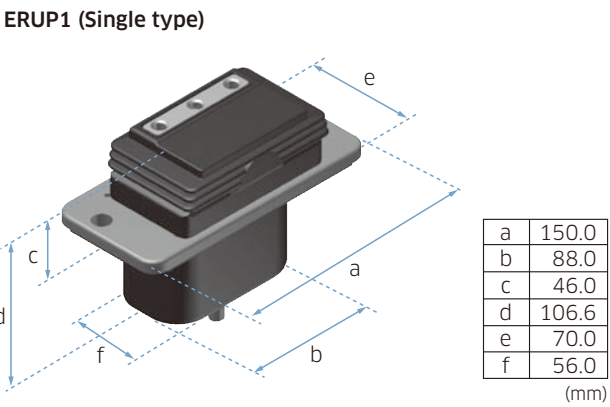
Series
Standard type
Detent type

Design Code
Type of Output
Analog
PWM
CAN

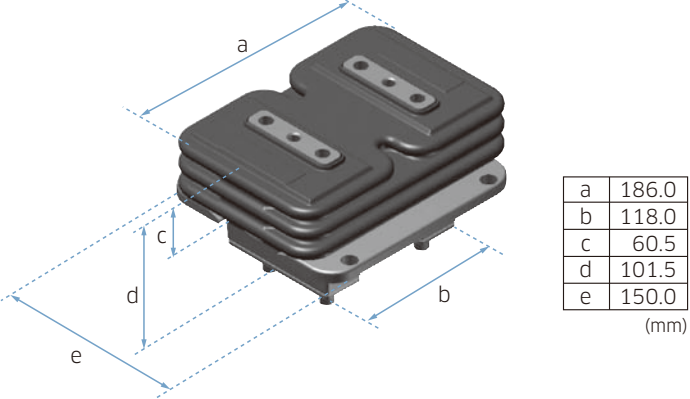
Specifications

Series		ERUS1	
Type		Standard	With Detent
Operating Torque (Nm)	Min.	0.7	1.2
	Max.	1.9	3.5
Operating Angle (°)		±11	±21.5
Temperature range (°C)		- 40 ~ 75	
Type of Output		Refer to P.4 "Type of Electrical Output"	

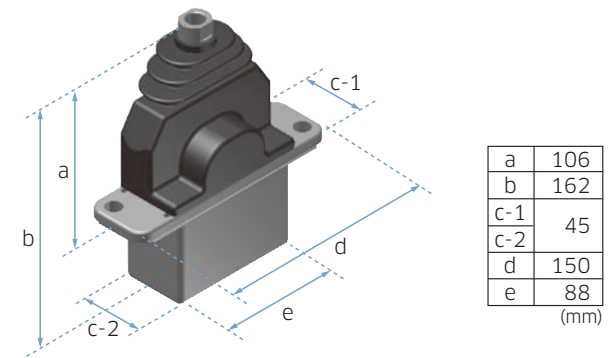
Dimension



ERUP2 (Double type)



Dimension



Operating Torque and Angle

