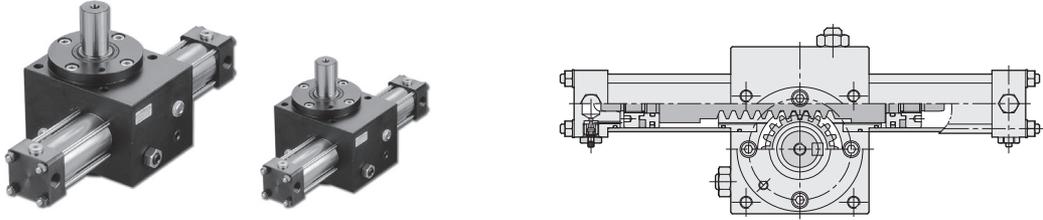


RTU series Hydraulic Cylinder

Product features

CHELIC



Specification

Item	Model (mm)	RTU 32	RTU 40
Axis size		Ø24	Ø28
Rotation angle		90° ±5°、180° ±5°	
Action		Double acting	
The original of axis		Please refer size table	
Fluid		The standard oil after fluid (ISO - VG 68)	
Pressure range	kgf / cm ² (kPa)	35(3500)	
Ambient and fluid temperature	° C	-10 ~ 60	
Max. allowable axial thrust	Kg	12	20

Code of order **RTU 40 x 90 - 32U - 2**

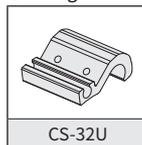
— 1 — 2 — 3 — 4 —

1	Mark	Bore size (mm)
	32	Ø32
	40	Ø40

2	Mark	Rotation angle
	90	90°
	180	180°

3	Mark	Sensor bracket
	None	Without sensor bracket
	32U	CS-32U

● Image



4	Mark	Sensor bracket q'ty
	1	1 PC
	2	2 PCS

RTM

RMF

RTB

RTBM

RTZB

RTP

RTH

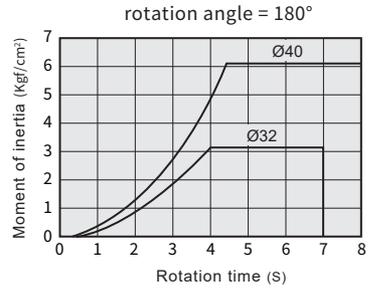
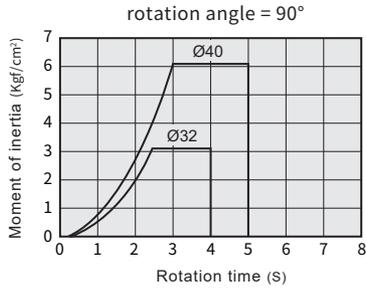
RTU

RTU series Hydraulic Cylinder

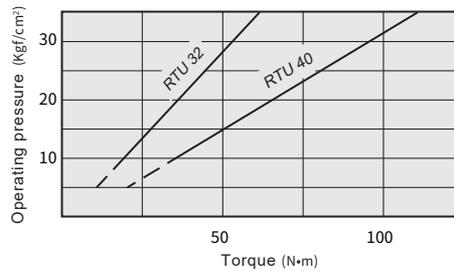
Characteristics graph

CHELIC

Moment of inertia table



Output characteristic

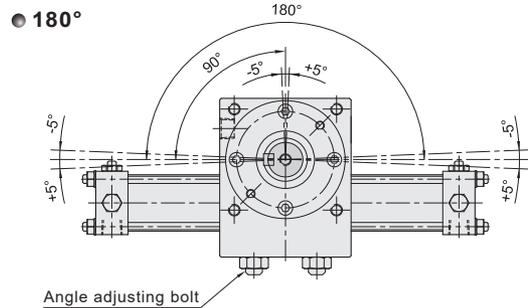
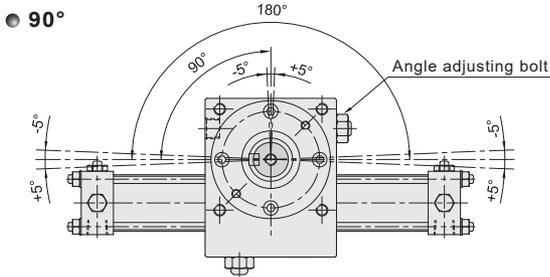


Oil mass

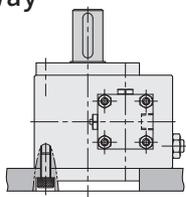
Unit: ml

Bore size \ Rotation angle	90°	180°
Ø32	29	54
Ø40	52	100

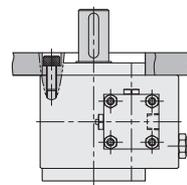
Rotation angle and Adjustment range



Mounting way



● Bottom mounting



● Top mounting

RTU series Hydraulic Cylinder

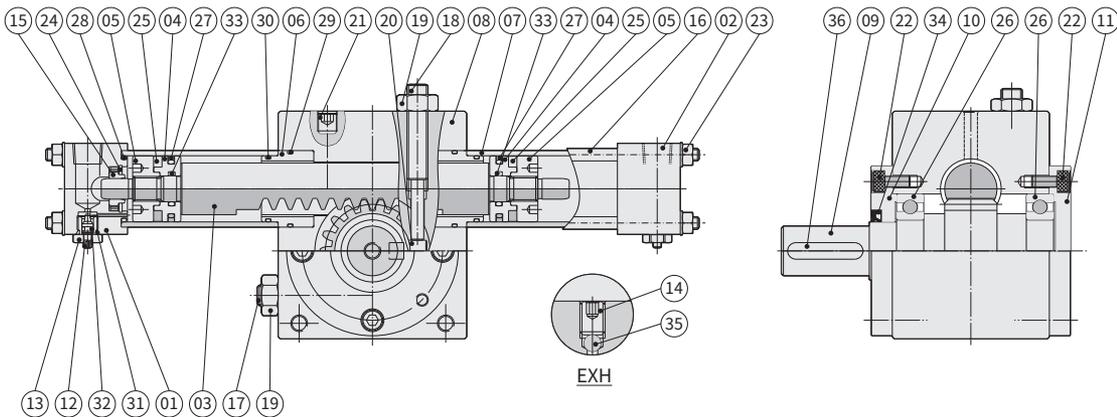
Product features

CHELIC

Order code of seal kit

RTUSK

Bore size	Seal kit components
32	RTUSK 32 - No.27, 28, 29, 30, 31, 32, 33, 34
40	RTUSK 40 - No.27, 28, 29, 30, 31, 32, 33, 34



RTM

RMF

RTB

RTBM

RTZB

Components and material list

NO.	Item	Quantity	NO.	Item	Quantity	NO.	Item	Quantity
01	End cover	1	13	Absorbing pin	2	25	Magnet ring	2
02	End cover	1	14	Plug	2	26	Bearing	2
03	Gear	1	15	Floating cushion bushing	2	27	Piston packing	2
04	Piston	2	16	Tie rod	8	28	Rear cover O-ring	2
05	Magnet base	2	17	Adjustment bolt	1	29	Shaft sleeve O-ring	2
06	Shaft sleeve	2	18	Adjustment bolt	1	30	Shaft sleeve O-ring	2
07	Cylinder base	2	19	Nut	2	31	Cushion O-ring	2
08	Body	1	20	Stopper pin	1	32	Cushion O-ring	2
09	Pinion shaft	1	21	Plug	1	33	Piston O-ring	2
10	End cover	1	22	Screw	8	34	Shaft seal	1
11	End cover	1	23	Nut & Spring washer	8	35	Stainless ball	2
12	Absorbing pin	2	24	C clip	2	36	Key	1

Weight

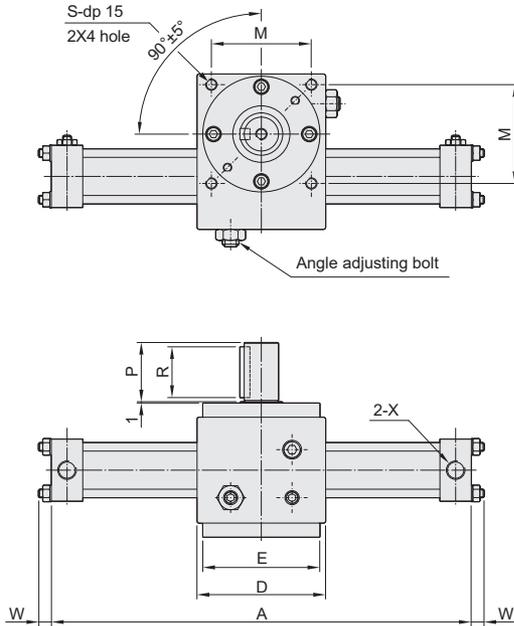
Model	RTU 32		RTU 40	
Rotation angle	90°	180°	90°	180°
Weight (kg)	5.6	6.3	8.5	9.5

RTU series Hydraulic Cylinder

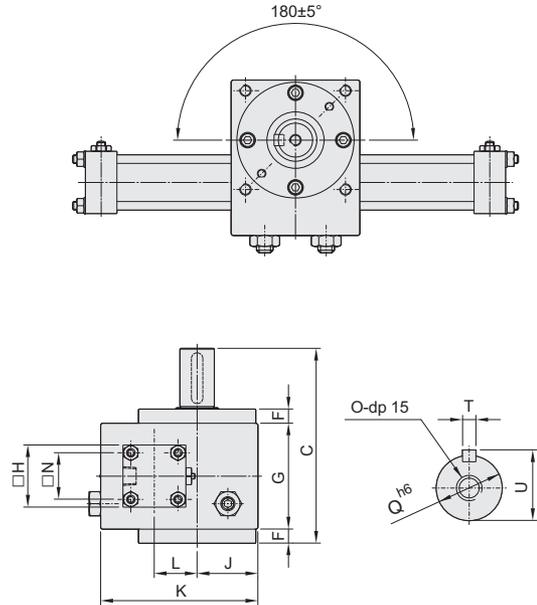
Dimensions

CHELIC

Rotation angle 90°

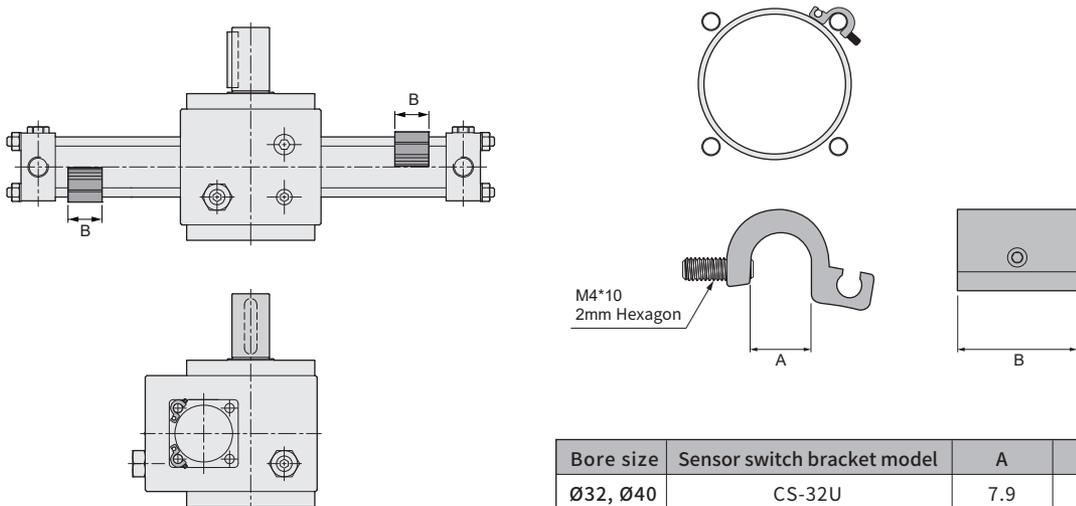


Rotation angle 180°



Bore size	A		C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T	U	W	X	
	90°	180°																					
Ø32	286	357	138	90	82	10	75	44.4	42.5	110	30	70	33	M8	42	24	36	M8	8	27	9	9	PT 1/4
Ø40	315	400	170	105	96	12	95	50	51.5	135	36	82	37	M8	50	28	45	M10	8	31	9	9	PT 3/8

Sensor switch install dimension



Bore size	Sensor switch bracket model	A	B
Ø32, Ø40	CS-32U	7.9	25