



C-Tork Actuator Compact lightweight electric actuator

The CT electric actuators are designed to drive ball and butterfly valves with ISO5211 mounting pad, providing a quarter turn motion. In combination with *RuB* valves are used in wastewater treatment plants, power plants, refineries, mining processes, food factories and in the fluid automated control in HVAC.

The CT family provides the following output tc

Model Nominal Torque		
CT1	70.8 lb-in (8 Nm)	
CT2	97.3 lb-in (11 Nm)	
CT3	194.7 lb-in (22 Nm)	
CT4	4 354 lb-in (40 Nm)	



Direct ISO 5211 mount on valves.

Requires no separate linkage because the CT Series Actuators are ready for direct attachment to ISO5211 mounting pad.

Compact package with perfect shaft alignment.

Smaller actuator footprint enables installation in confined spaces; direct mount on ball valves reduces the mounting space requirement.

- Several voltage ratings available. Available with the most common power supplies around the globe.
- Fire retardant plastic with high IP ratings enclosure. Provides a high degree of protection from dust, splashing water, rough handling and tough environments.
- Auxiliary Switches.
 - Provides line voltage capable switch up to 1 A Resistive.
- Special models available.

The CT family fits the customer needs extending the application coverage on request.

Key Co	des:							
СТ	X	X	Х	Х	X	X		
								R = Anti-condensation Resistance
							Option:	FO = Failsafe Valve Open
								FC = Failsafe Valve Close
						.		0 = No Micro
							Auxiliary Switches:	1 = 1 Aux. Switch
								2 = 2 Aux. Switches
							Manual Override:	M = Manual Override
							Manual Override:	N = No Manual
					-	-		A = 2 Points
								B = 3 Points
								C = 2 and 3 Points
							Control Type:	D = Prop. 0 - 10 Vdc
								E = Prop. 2 - 10 Vdc
								F = Prop. 0 - 20 mA
								G = Prop. 4 - 20 mA
								A = 230Vac 50/60 Hz *
								B = 110Vac 50/60 Hz *
								C = 24Vac 50/60 Hz *
								D = 24Vdc
							Power Supply:	E = 12Vdc
							i owei suppiy.	F = 24Vac/dc
								G = 100 - 230Vac
								H = 230Vac 60 Hz **
								I = 110Vac 60Hz **
								L = 24Vac 60Hz **
								CT1 = 70.8 lb-in (8Nm)
							Model:	CT2 = 97.3 lb-in (11Nm)
							model	CT3 = 194.7 lb-in (22Nm)
								CT4 = 354 lb-in (40Nm)

Note: * Not valid for CT4 (50 Hz only), ** Valid for CT4 only

Ask for additional information on the whole range of **RuB**, **Inc.** products and consult with your supplier for special applications.

CT1 - 70.8 lb-in (8 Nm)

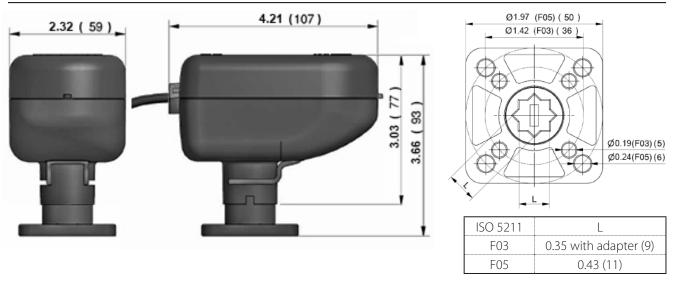
Ordering Codes

Code	Power supply	Control Type	Running time (0°-90°)	Feedback type
CT1AAN1	230 Vac 50/60 Hz	2 Points	45 sec @ 50Hz	
CHANT	230 Vac 30/00 112	2 FOILTS	38 sec @ 60Hz	
CT1BAN1	110 Vac 50/60 Hz	2 Points	45 sec @ 50Hz	
CTIDANT		2 FUILLS	38 sec @ 60Hz	
CT1CAN1	24 Vac 50/60 Hz	2 Points	45 sec @ 50Hz	
CITCANT		2 FOILITS	38 sec @ 60Hz	1 microswitch & 1
CT1ABN1	230 Vac 50/60 Hz	3 points	35 sec @ 50Hz	output phase
CTIADINI			30 sec @ 60Hz	
CT1BBN1	110 Vac 50/60 Hz	- · ·	35 sec @ 50Hz	
CTIDDINT		3 points	30 sec @ 60Hz	
CT1CBN1	24 Vac 50/60 Hz	24 Vac 50/60 Hz 3 points	35 sec @ 50Hz	
СПСЫЛ	24 Vac 30/00112		30 sec @ 60Hz	
CT1DCN0	24V DC	2/3 Points	60 sec.	2 output phases
CT1FDN0	24V DC / AC ± 20% 50/60 Hz	Modulating 0-10Vdc	60 sec.	2 -10 Vdc

SI CERTIFIED

Optional models on request:

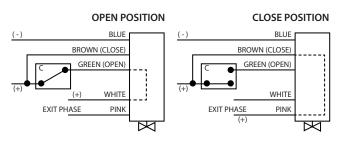
- 44.2 lb-in with 15 sec running time, Vac only
- Vdc 2/3 points 30 sec running time
- 12 Vdc power supply, 2/3 points 60 secs running time
- Different Input signal on modulating: 0(2)-10 Vdc, 0(4)-20 mA
- Modbus Communication
- On/Off 3 positions (0°, 45° and 90°)



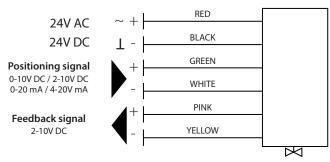
Dimensions inches (mm)

Vac models 2 points control OPEN CLOSED BLUE BLUE Ν Ν BROWN (CLOSE) BROWN (CLOSE) GREEN (OPEN) GREEN (OPEN) TA GREY GREY WHITE WHITE PINK PINK M1 М

Vdc models 2 points control



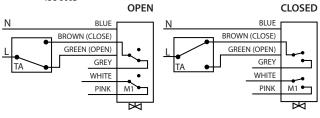
Proportional models



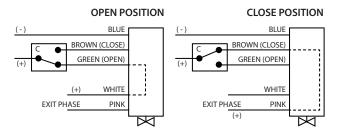
Technical specification

	2 points Vac	3 points Vac	2/3 points Vdc	Modulating
Position indicator	Rotating arrow, indicating the position of the sphere			
	230 V - 50/60 Hz		24Vdc	
Power supply	24 V - 5	0/60 Hz		24V DC / AC ± 20%
an An an	110 V - 5	50/60 Hz	12Vdc	30/00112
Power cable length		31.5 inches (80 cm) (0	other sizes on request)
Operating time (90°) and	45 sec @ 50Hz	35 sec @ 50Hz	60 sec	60 sec
related starting torque	38 sec @ 60Hz	30 sec @ 60Hz	ou sec	00 Sec
Absorbed power	3.9 VA		2 VA	3.5 W
Electrical capacity of the additional microswitch	1 A resistive - 250V		Not available	
Maximum noise (1 meter away)		40 c	IB (A)	
Operating ambient temperature		41°F to 122°F((+5 °C to +50°C)	
Degree of protection		IP 54 (Equival	ent to NEMA3)	
Insulation class	III - double insulation			
Outer shell material		Polyamide PA 6	- 30% glass fibers	
Certification		(2E	

Vac more s 3 points control



Vdc models 3 points control



CT2 - 97.3 lb-in (11 Nm)



Ordering Codes

Code	Power supply	Control Type	Running time (0°-90°)	Feedback type
CT2ACM2	230 Vac - 50/60 Hz	2/3 Points	35 sec @ 50Hz	
CTZACIVIZ	230 Vac - 30/00 HZ	2/5 POINts	30 sec @ 60Hz	
CT2BCM2	110 Vac - 50/60 Hz	2/3 Points	35 sec @ 50Hz	2 x Free auxiliary switches
CT2BCM2	110 Vac - 30/00 HZ	2/3 FOILIS	30 sec @ 60Hz	
СТ2ССМ2	24 Vac - 50/60 Hz	2/3 Points	35 sec @ 50Hz	
			30 sec @ 60Hz	
CT2DCN2	24V DC	2/3 Points	12 sec.	
CT2ADN0	230 Vac - 50/60 Hz	Modulating 0-10Vdc	35 sec @ 50Hz	2 output phases
CIZADINO			30 sec @ 60Hz	2 output phases
CT2FDN0	24V DC / AC ± 20% 50/60 Hz	Modulating 0-10Vdc	15 sec.	2 -10 Vdc
CT2GCM2FC	100-230 Vac	2/3 Points	15 sec.	2 x Free auxiliary switches

Optional models on request:

- 12 Vdc power supply
- Optional speed:

Vac models

- Vac only : 12 sec or 4 sec (44.2 lb-in)
- Vdc only : 8 sec and 5 sec (97.3 lb-in);
 - 3 sec (70.8 lb-in); 1 sec (44.2 lb-in)

Dimensions inches (mm)

3.74 (95) 5.67 (144) 95) 98 90 97 90 98 90 98 90 98 90 98 90 98 90 98 90 98 90 98 90 98 90 98 90 98 90 98 90 98 90 98 90 98 90 98 90 98 90 9

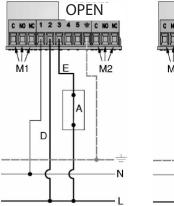
6.61 (168)

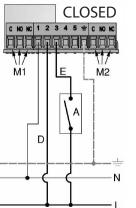
Ø1.97 (F05) (50) Ø1.42 (F03) (36) M5 (F03) M6 (F05)

ISO 5211	L
F03	0.35 with adapter (9)
F05	0.43 (11)

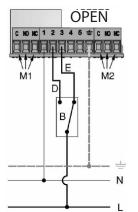
- Proportional models: 0(2)-10 Vdc, 0(4)-20 mA, Modbus
- Electronic fail safe (see page 11)

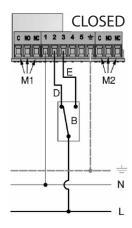
2 points control





3 points control

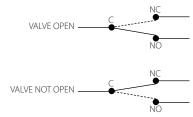


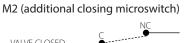


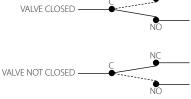
Vac models: Move the jumper to have the desired electrical connection. Vdc models: No jumper change is needed

Auxiliary switches

M1 (additional opening microswitch)







Technical specification

	ALL IN ONE - 2/3 points Vac	ALL IN ONE - 2/3 points Vdc		
Position indicator and manual override	Manual lever with arrow indicating the position of the sphere	Not available		
	230 V - 50/60 Hz	24Vdc		
Power supply	110 V - 50/60 Hz			
	24 V - 50/60 Hz	12Vdc		
Electric connections	Via terminal board in	side the actuator		
Operating time (90°)	35 sec @ 50Hz 30 sec @ 60Hz	12 sec		
	6 VA (230 V)	0.3A (24Vdc)		
Absorbed power	6 VA (110 V)			
	7.5 VA (24 V)	0.5A (12 Vdc)		
Maximum current supported by the additional microswitches	1 A resistive	Not available		
Maximum noise (1 meter away)	35 dB (A) standard version	47 dB (A) standard version		
Operating ambient temperature	14°F to 122°F (-10) °C to +50°C)		
Degree of protection	IP 67 (Equivalen	t to NEMA6)		
Outer casing	Characterized by a ribbed shape made of glass-filled "polyarylamide" technopolymer, particularly robust and impermeable to humidity			
Certification	CE			

Ask for additional information on the whole range of *RuB*, *Inc.* products and consult with your supplier for special applications.

CT3 - 194.7 lb-in (22 Nm)



Ordering Codes

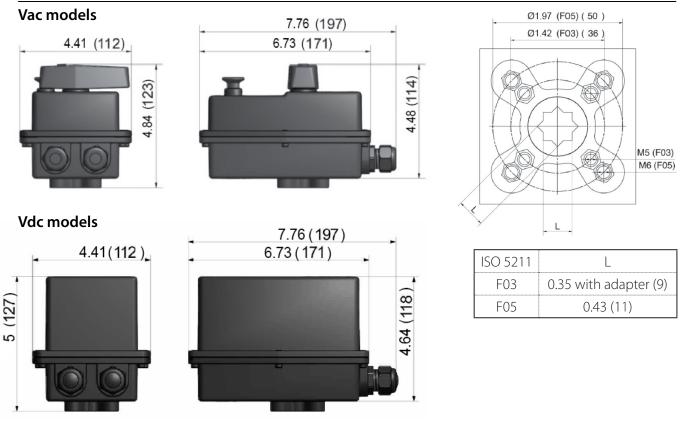
Code	Power supply	Control Type	Running time (0°-90°)	Feedback type
СТЗАСМ2	230 Vac - 50/60 Hz	2/3 Points	45 sec @ 50Hz 38 sec @ 60Hz	
СТЗВСМ2	110 Vac - 50/60 Hz	2/3 Points	45 sec @ 50Hz 38 sec @ 60Hz	2 x Free auxiliary switches
СТЗССМ2	24 Vac - 50/60 Hz	2/3 Points	45 sec @ 50Hz 38 sec @ 60Hz	SWITCHES
CT3DCN2	24V DC	2/3 Points	30 sec.	
CT3ADN0	230 Vac - 50/60 Hz	Modulating 0-10Vdc	45 sec @ 50Hz 38 sec @ 60Hz	2 output phases
CT3FDN0	24V DC / AC ± 20% 50/60 Hz	Modulating 0-10Vdc	30 sec.	2 -10 Vdc

Optional models on request:

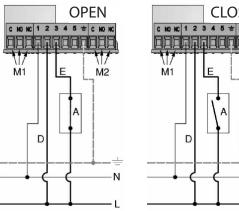
- 12 Vdc power supply
- Optional speed: Vac only : 9 sec - Vdc only: 10 sec

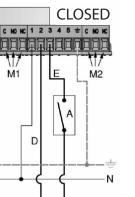
- Proportional models: 0(2)-10 Vdc, 0(4)-20 mA, Modbus
- Electronic fail safe (see page 11)

Dimensions inches (mm)



2 points control

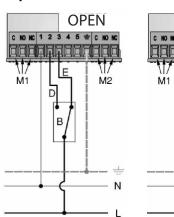


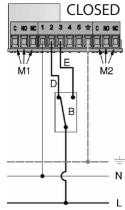


3 points control

R

ISO 9001

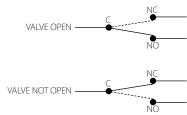




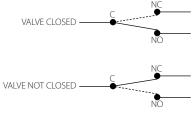
Vac models: Move the jumper to have the desired electrical connection. Vdc models: No jumper change is needed

Auxiliary switches

M1 (additional opening microswitch)







Technical specification

	ALL IN ONE - 2/3 points Vac	ALL IN ONE - 2/3 points Vdc		
Position indicator and manual override	Manual lever with arrow indicating the position of the sphere	Not available		
	230 V - 50/60 Hz	24Vdc		
Power supply	110 V - 50/60 Hz			
	24 V - 50/60 Hz	12Vdc		
Electric connections	Via terminal board in	side the actuator		
Operating time (90°)	45 sec	30 sec		
	5 VA (230 V)	0.25 A (24Vdc)		
Absorbed power	5 VA (110 V)			
	6 VA (24 V)	0.4 A (12 Vdc)		
Maximum current supported by the additional microswitches	1 A resis	stive		
Maximum noise (1 meter away)	42 dB (A) standard version	52 dB (A) standard version		
Operating ambient temperature	14°F to 122°F (-10	0 °C to +50°C)		
Degree of protection	IP 67 (Equivalen	t to NEMA6)		
Outer casing	Characterized by a ribbed shape made of glass-filled "polyarylamide" technopolymer, particularly robust and impermeable to humidity			
Certification	CE			

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CT4 - 354 lb-in (40 Nm)



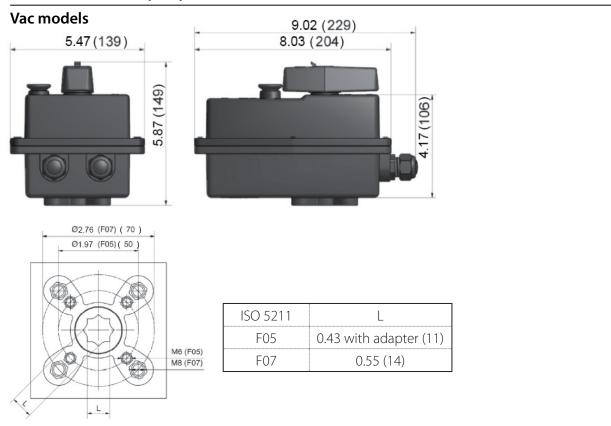
Ordering Codes

Code	Power supply	Control Type	Running time (0°-90°)	Feedback type	
CT4ACM2	230 Vac 50 Hz	2/3 Points	55 sec.		
CT4BCM2	110 Vac 50 Hz	2/3 Points	55 sec.		
CT4CCM2	24 Vac 50 Hz	2/3 Points	55 sec.	2 x Free auxiliary	
CT4HCM2	230 Vac 60Hz	2/3 Points	45 sec.	switches	
CT4ICM2	110 Vac 60Hz	2/3 Points	45 sec.		
CT4LCM2	24 Vac 60Hz	2/3 Points	45 sec.		
CT4HDN0	230 Vac 60 Hz	Modulating 0-10Vdc	45 sec.	2 output phases	
CT4FDN0	24V DC / AC ± 20% 50/60 Hz	Modulating 0-10Vdc	45 sec.	2 -10 Vdc	

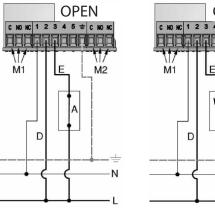
Optional models on request:

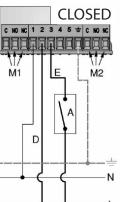
- 24Vdc and 12 Vdc power supply
- Optional speed: Vac only : 14 sec and 32 sec
- Proportional models: 0(2)-10 Vdc, 0(4)-20 mA, Modbus
- Electronic fail safe (see page 11)

Dimensions inches (mm)

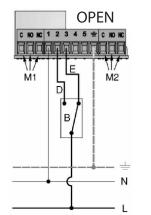


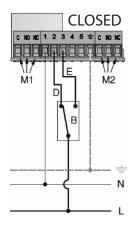
2 points control

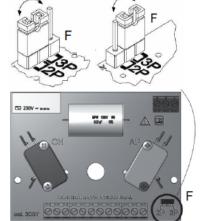




3 points control





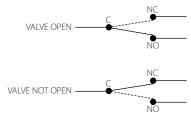


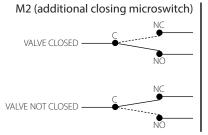
Technical specification

Vac models: Move the jumper to have the desired electrical connection.

Auxiliary switches

M1 (additional opening microswitch)





	ALL IN ONE - 2/3 points		
Position indicator and manual override	Manual lever with arrow indicating the position of the sphere		
	230 V - 50 Hz		
Power supply	110 V - 50 Hz		
	24 V - 50 Hz		
Electric connections	Via terminal board inside the actuator		
Operating time (90°)	55 sec @ 50Hz 45 sec @ 60 Hz		
	13 VA (230 V)		
Maximum absorbed power (standard version 55sec)	11 VA (110 V)		
	12 VA (24 V)		
Maximum current on the output phase at terminals 4 and 5	1 A resistive		
Maximum current supported by the additional microswitches	1 A resistive		
Maximum noise (1 meter away)	50 dB (A) standard version		
Operating ambient temperature	14°F to 122°F (-10 °C to +50°C)		
Degree of protection	IP 67 (Equivalent to NEMA6)		
Outer casing	Characterized by a ribbed shape made of glass-filled "polyarylamide" technopolymer, particularly robust and impermeable to humidity		
Certification	CE		

Super capacitors electronic Fail Safe actuators

Using the SuperCaps technology the CT2, CT3 and CT4 actuators can store the necessary energy drive open or close the valve in a safety position during an electrical power supply interruption. Fail safe open or close position in valves is crucial to prevent serious damages in critical applications such as coils freezing or steam exchangers overpressure. By default they are all provided with a 2-10 Vdc feedback, two auxiliary switches and 1m cable lenght.

Ordering Codes

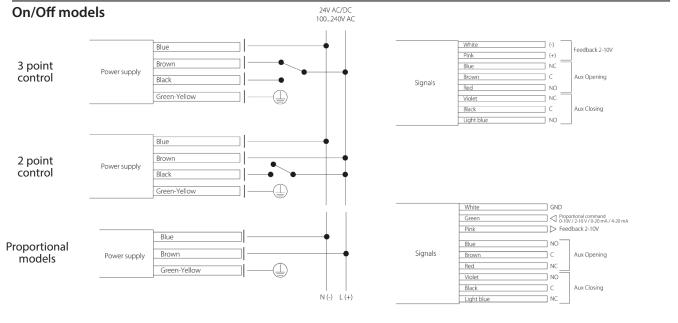
Code	Torque (in/lb)	Power supply
CT2FCM2Fx	97.4	24Vdc - 24V 50/60 Hz
CT2GCM2Fx	97.4	100240V 50/60 Hz
CT3FCM2Fx	194.7	24Vdc - 24V 50/60 Hz
CT3GCM2Fx	194.7	100240V 50/60 Hz
CT4FCM2Fx	354	24Vdc - 24V 50/60 Hz
CT4GCM2Fx	354	100240V 50/60 Hz

Note: X=O for Fail safe valve open; C for Fail Safe valve close X

Technical specification - Fail safe Models

	CT2	CT3	CT4				
Available power supply	24Vdc -	- 24V 50/60 Hz - 100240V 5	50/60Hz				
Max. Running power consumption	10W	25W	25W				
Power supply cable		40 in. (1 m) length AWG20					
Signal cable		40 in. (1 m) length AWG24					
Auxiliary switches rating	max 30V DC - 0.1 A	max 30V DC - 0.1 A	max 30V DC - 0.1 A				
Nominal Torque	97.3 lb-in	194.7 lb-in	354 lb-in				
Available control type	On/off 3&2 points - proportional						
Valve position feedback	2 -10V DC						
Manual Override	Manual lever wit	h arrow indicating the posit	ion of the sphere				
Running Speed (90°)		30s					
Fail safe speed(90°)	20 s	26 s	30 s				
Max Noise	45 dB (A)	60 dB (A)	65 dB (A)				
Degree of protection	IP67						
SuperCaps recharging time	15 min (90°)	15 min (90°)	50 min (90°)				
Operating ambient temperature	14°F to 122°F (-10°C to 50°C)						
Certification		CE					

Wiring diagrams



Valves combination

					and the second	1000	
s.64 Low Torque	codo		ΔΡ	CT1 - 8Nm	CT2 - 11Nm	CT3 - 22Nm	CT4 - 4
5.04 Low Torque	code S64FxxA	size	ΔΡ		-	C13-22NIII	C14-4
	S64GxxA	1"		•	•		
-	S64HxxA	1 ¼" 1 ½"	0 ÷ 6 Bar (0 ÷ 87 PSI)	•	•		
	S64lxxA	2"		•	•		
	code	size	ΔP	CT1 - 8Nm	CT2 - 11Nm	CT3 - 22Nm	CTA-
and the state of t	S64FxxA	1"		•		C13-22Nm	
	S64GxxA	1 1/4"	6 ÷ 16 Bar	•	•		
	S64HxxA	1 1/2"	(87 ÷ 232 PSI)	•	•		
	S64lxxA	2"		•	•		
s 61	code	size	ΔΡ	CT1 - 8Nm	CT2 - 11Nm	CT3 - 22Nm	CT4 - 4
s.64	S64Dxx	1/2"	ΔΡ			C13 - 22Nm	C14-4
	S64Exx	3/4"		•	•		
	S64Fxx	1"	0 ÷ 15 Bar	•	•		
	S64Gxx	1 1/4"	$0 \div 15 \text{ Bar}$ (0 ÷ 217PSI)	•	•		
	S64Hxx	1 1/2"			•		•
	S64lxx	2"					
and the last	code	size	ΔP	CT1 - 8Nm	CT2 - 11Nm	CT3 - 22Nm	CT4 - 4
A CALLER 30	S64Dxx	1/2"		•	•	CT3 - 2210111	
	S64Exx	3/4"		•	•		
	S64Fxx	1"	15 ÷ 40 Bar	•	•		
	S64Gxx	1 1/4"	(217 ÷ 580 PSI)			•	
	S64Hxx	1 1/2"					•
		+					1
	S64lxx	2"					•
s.65	code	size	ΔΡ	CT1 - 8Nm	CT2 - 11Nm	CT3 - 22Nm	
s.65			ΔΡ	CT1 - 8Nm	CT2 - 11Nm	CT3 - 22Nm	
s.65	code	size	Δ Ρ 0 ÷ 16 Bar			CT3 - 22Nm	
s.65	code S65Dxx	size 1/2"		•	•	CT3 - 22Nm	
s.65	code S65Dxx S65Exx	size 1/2" 3/4"	0 ÷ 16 Bar	•	•	CT3 - 22Nm	
	code S65Dxx S65Exx S65Fxx	size 1/2" 3/4" 1"	0 ÷ 16 Bar	•	•	CT3 - 22Nm CT3 - 22Nm	CT4 - 4
s.65 s.134	code S65Dxx S65Exx S65Fxx S65Fxx	size 1/2" 3/4" 1" 1 ¼"	0 ÷ 16 Bar (0 ÷ 232 PSI)	• • •	•		CT4 - 4
	code S65Dxx S65Exx S65Fxx S65Fxx S65Gxx code	size 1/2" 3/4" 1" 1 ¼" size	0 ÷ 16 Bar (0 ÷ 232 PSI)	• • • CT1 - 8Nm	• • • • CT2 - 11Nm		CT4 - 4
	code S65Dxx S65Exx S65Fxx S65Gxx Code 134Dxx	size 1/2" 3/4" 1" 1 ¼" size 1/2"	0 ÷ 16 Bar (0 ÷ 232 PSI)	• • • CT1 - 8Nm •	• • • CT2 - 11Nm		CT4 - 4
	code S65Dxx S65Exx S65Fxx S65Gxx Code 134Dxx 134Exx	size 1/2" 3/4" 1" 1 ¼" size 1/2" 3/4"	0 ÷ 16 Bar (0 ÷ 232 PSI) ΔΡ	• • • CT1 - 8Nm •	• • • CT2 - 11Nm	CT3 - 22Nm	CT4 - 4
	code S65Dxx S65Exx S65Fxx S65GSxx code 134Dxx 134Exx 134Fxx	size 1/2" 3/4" 1" 1 ¼" size 1/2" 3/4" 1"	0 ÷ 16 Bar (0 ÷ 232 PSI) ΔΡ 0 ÷ 14 Bar	• • • CT1 - 8Nm •	• • • CT2 - 11Nm	CT3 - 22Nm	CT4-4 CT4-4
	code S65Dxx S65Exx S65Fxx S65Gxx Code 134Dxx 134Exx 134Fxx 134Gxx	size 1/2" 3/4" 1" 1 ¼" size 1/2" 3/4" 1" 1 ¼"	0 ÷ 16 Bar (0 ÷ 232 PSI) ΔΡ 0 ÷ 14 Bar	• • • CT1 - 8Nm •	• • • CT2 - 11Nm	CT3 - 22Nm	CT4-4 CT4-4
s.134	code S65Dxx S65Exx S65Fxx S65Gxx code 134Dxx 134Exx 134Fxx 134Fxx 134Fxx 134Fxx 134Fxx 134Fxx 134Fxx 134Fxx 134Hxx 134Hxx	size 1/2" 3/4" 1" 1 ¼" size 1/2" 3/4" 1" 1 ¼" 1 ½" 2"	0 ÷ 16 Bar (0 ÷ 232 PSI) ΔΡ 0 ÷ 14 Bar	• • • • •	• • • • •	CT3 - 22Nm •	CT4-4
	code S65Dxx S65Exx S65Fxx S65Gxx Code 134Dxx 134Exx 134Fxx 134Fxx 134Fxx 134Fxx 134Fxx 134Fxx 134Fxx 134Fxx	size 1/2" 3/4" 1" 1 ¼" size 1/2" 3/4" 1" 1 ¼" 1 ¼" 1 ½"	0 ÷ 16 Bar (0 ÷ 232 PSI) ΔΡ 0 ÷ 14 Bar (0 ÷ 203 PSI)	• • • CT1 - 8Nm •	• • • CT2 - 11Nm	CT3 - 22Nm •	CT4 - 4
s.134	code S65Dxx S65Exx S65Fxx S65Gxx code 134Dxx 134Fxx 134Fxx 134Fxx 134Fxx 134Fxx 134Hxx 134Hxx 134Hxx	size 1/2" 3/4" 1" 1 ¼" size 1/2" 3/4" 1" 1 ¼" 1 ¼" 1 ½" 2" size	0 ÷ 16 Bar (0 ÷ 232 PSI) ΔΡ 0 ÷ 14 Bar (0 ÷ 203 PSI)	• • • • •	• • • CT2 - 11Nm • • CT2 - 11Nm	CT3 - 22Nm •	CT4-4
s.134	code S65Dxx S65Exx S65Fxx S65Gxx code 134Dxx 134Exx 134Fxx	size 1/2" 3/4" 1" 1 ¼" size 1/2" 3/4" 1" 1 ¼" 1 ½" 2" size 1/2"	0 ÷ 16 Bar (0 ÷ 232 PSI) ΔΡ 0 ÷ 14 Bar (0 ÷ 203 PSI) ΔΡ	• • • • •	• • • CT2 - 11Nm • • CT2 - 11Nm	CT3 - 22Nm • • CT3 - 22Nm	CT4-4
s.134	code S65Dxx S65Exx S65Fxx S65GFxx S65Gxx code 134Dxx 134Exx 134Fxx 134Fxx 134Fxx 134Fxx 134Fxx 134Fxx 134Fxx 134Fxx 134Fxx S73Dxx S73Exx	size 1/2" 3/4" 1" 1 ¼" size 1/2" 3/4" 1 ¼" 1 ½" 2" size 1/2" 3/4"	0 ÷ 16 Bar (0 ÷ 232 PSI) ΔΡ 0 ÷ 14 Bar (0 ÷ 203 PSI)	• • • • •	• • • CT2 - 11Nm • • CT2 - 11Nm	CT3 - 22Nm • • CT3 - 22Nm	CT4 - 4
s.134	code S65Dxx S65Exx S65Fxx S65Gxx code 134Dxx 134Fxx 573Dxx S73Exx S73Fxx	size 1/2" 3/4" 1" 1 ¼" size 1/2" 3/4" 1 ¼" 1 ½" 2" size 1/2" 3/4" 1/2" 3/4" 1/2"	0 ÷ 16 Bar (0 ÷ 232 PSI) ΔΡ 0 ÷ 14 Bar (0 ÷ 203 PSI) ΔΡ 0 ÷ 16 Bar	• • • • •	• • • CT2 - 11Nm • • CT2 - 11Nm	CT3 - 22Nm • • CT3 - 22Nm	CT4 - 4
s.134	code S65Dxx S65Exx S65Fxx S65Gxx Code 134Dxx 134Fxx S73Dxx S73Exx S73Fxx S73Gxx	size 1/2" 3/4" 1" 1 ¼" size 1/2" 3/4" 1 ¼" 1 ½" 2" size 1/2" 3/4" 1 ½" 1 ½" 1 ½" 1 ½" 1 ½"	0 ÷ 16 Bar (0 ÷ 232 PSI) ΔΡ 0 ÷ 14 Bar (0 ÷ 203 PSI) ΔΡ 0 ÷ 16 Bar	• • • • •	• • • CT2 - 11Nm • • CT2 - 11Nm	CT3 - 22Nm • • CT3 - 22Nm	CT4 - 4
s.134	code S65Dxx S65Exx S65Fxx S65Gxx code 134Dxx 134Exx 134Fxx 573Dxx S73Exx S73Fxx S73Fxx S73Gxx S73Hxx	size 1/2" 3/4" 1" 1 ¼" size 1/2" 3/4" 1 ¼" 1 ½" 2" size 1/2" 3/4" 1" 1 ½" 1 ½" 1 ½" 1 ½" 1 ½"	0 ÷ 16 Bar (0 ÷ 232 PSI) ΔΡ 0 ÷ 14 Bar (0 ÷ 203 PSI) ΔΡ 0 ÷ 16 Bar	• • • • •	• • • CT2 - 11Nm • • CT2 - 11Nm	CT3 - 22Nm • • CT3 - 22Nm	CT4 - 4
s.134	code S65Dxx S65Exx S65Fxx S65GS code 134Dxx 134Exx 134Fxx S73Dxx S73Exx S73Fxx S73Fxx S73Hxx S73Ixx	size 1/2" 3/4" 1" 1 ¼" size 1/2" 3/4" 1" 1 ½" 2" size 1/2" 3/4" 1/2" 3/4" 1/2" 3/4" 1/2" 2"	$0 \div 16 \text{ Bar} \\ (0 \div 232 \text{ PSI})$ DP $0 \div 14 \text{ Bar} \\ (0 \div 203 \text{ PSI})$ DP $0 \div 16 \text{ Bar} \\ (0 \div 232 \text{ PSI})$	•	• • • CT2 - 11Nm • • CT2 - 11Nm	CT3 - 22Nm • • • • •	CT4 - 4
s.134	code S65Dxx S65Exx S65Fxx S65Fxx S65Gxx code 134Dxx 134Fxx 573Dxx S73Exx S73Fxx S73Fxx S73Fxx S73Hxx S73Ixx code	size 1/2" 3/4" 1" 1 ¼" size 1/2" 3/4" 1" 1 ¼" 1 ½" 2" size 1/2" 3/4" 1" 1 ½" 2" size 1/2" 3/4" 2" size	$0 \div 16 \text{ Bar} \\ (0 \div 232 \text{ PSI})$ DP $0 \div 14 \text{ Bar} \\ (0 \div 203 \text{ PSI})$ DP $0 \div 16 \text{ Bar} \\ (0 \div 232 \text{ PSI})$	•	• • • CT2 - 11Nm • • CT2 - 11Nm • CT2 - 11Nm	CT3 - 22Nm • • • • •	CT4 - 4
s.134	code S65Dxx S65Exx S65Fxx S65Fxx S65Gxx code 134Dxx 134Fxx S73Dxx S73Exx S73Fxx	size 1/2" 3/4" 1" 1 ¼" size 1/2" 3/4" 1" 1 ¼" 1 ½" 2" size 1/2" 3/4" 1" 1 ½" 2" size 1/2" 3/4" 1" 1 ½" 2" 3/4" 1" 1/2" 3/4" 1/2" 2" 1/2" 2" 2"	$0 \div 16 \text{ Bar} \\ (0 \div 232 \text{ PSI})$ DP $0 \div 14 \text{ Bar} \\ (0 \div 203 \text{ PSI})$ DP $0 \div 16 \text{ Bar} \\ (0 \div 232 \text{ PSI})$	•	• • • CT2 - 11Nm • • CT2 - 11Nm • CT2 - 11Nm	CT3 - 22Nm • • • • •	CT4 - 4
s.134	code S65Dxx S65Exx S65Fxx S65Fxx S65Gxx code 134Dxx 134Exx 134Fxx 573Fxx S73Exx S73Fxx S73Fxx S73Gxx S73Hxx S73Ixx code S76Dxx S76Exx	size 1/2" 3/4" 1" 1 ¼" size 1/2" 3/4" 1" 1 ¼" 1 ½" 2" size 1/2" 3/4" 1" 1 ¼" 1 ½" 2" size 1/2" 3/4" 1" 1 ½" 3/4"	$0 \div 16 \text{ Bar} \\ (0 \div 232 \text{ PSI})$ $D \div 14 \text{ Bar} \\ (0 \div 203 \text{ PSI})$ $D \div 16 \text{ Bar} \\ (0 \div 232 \text{ PSI})$ $D \div 16 \text{ Bar} \\ (0 \div 232 \text{ PSI})$	•	• • • • • • • • • • • • • • • • • • •	CT3 - 22Nm • • • • •	CT4 - 4
s.134	code S65Dxx S65Exx S65Fxx S65Fxx S65Gxx rode 134Dxx 134Exx 134Fxx 573Dxx S73Fxx S76Dxx S76Exx S76Fxx	size 1/2" 3/4" 1" 1 ¼" size 1/2" 3/4" 1 ½" 2" size 1/2" 3/4" 1" 1 ½" 2" size 1/2" 3/4" 1" 1 ½" 2" 3/4" 1" 1 ½" 2" 1/2" 3/4" 1" 1 ½" 1/2" 3/4" 1" 1 ½" 2" 1/2" 3/4" 1" 1 ½" 2" 1/2" 3/4" 1" 1 ½" 1" 1 ½" 1" 1 ½" 1" 1" 1 ½" 1" 1" 1" 1" 1" 1" 1" 1" 1" 1	$0 \div 16 \text{ Bar} \\ (0 \div 232 \text{ PSI})$ $O \div 14 \text{ Bar} \\ (0 \div 203 \text{ PSI})$ $O \div 16 \text{ Bar} \\ (0 \div 232 \text{ PSI})$ $O \div 16 \text{ Bar} $	•	• • • • • • • • • • • • • • • • • • •	CT3 - 22Nm • • • • •	CT4 - 4

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