



C & C HYDRAULICS LTD

STANDARD CYLINDERS — MICRO CYLINDERS, DOUBLE ACTING

71625 Series Micro Cylinders

25 mm bore × 16 mm rod · 50–200 mm stroke · 1/8" BSP ports · Ø12 base eye, M12 × 1.75 rod thread

200 bar

Max working
pressure

25×16 mm

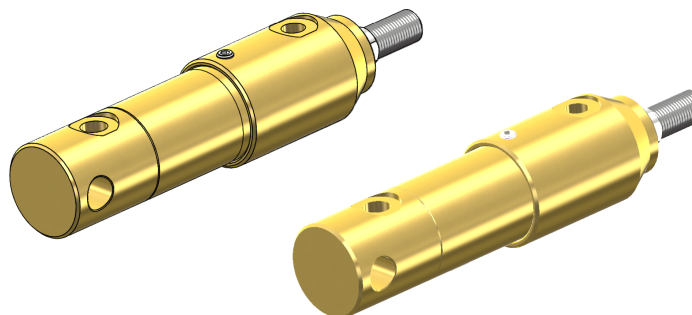
Bore × rod
diameter

1.0 t

Push force
at 200 bar (9.8 kN)

0.6 t

Pull force
at 200 bar (5.8 kN)



Range overview

Part No	Stroke	Closed length	Tube (ID × OD × length)	Rod (Ø × length)	Weight	Oil vol.
71625.50	50 mm	146 mm	25 × 35 × 78	16 × 140	0.94 kg	0.02 L
71625.100	100 mm	196 mm	25 × 35 × 128	16 × 190	1.22 kg	0.05 L
71625.150	150 mm	246 mm	25 × 35 × 178	16 × 240	1.55 kg	0.07 L
71625.200	200 mm	296 mm	25 × 35 × 228	16 × 290	1.78 kg	0.10 L

Key features

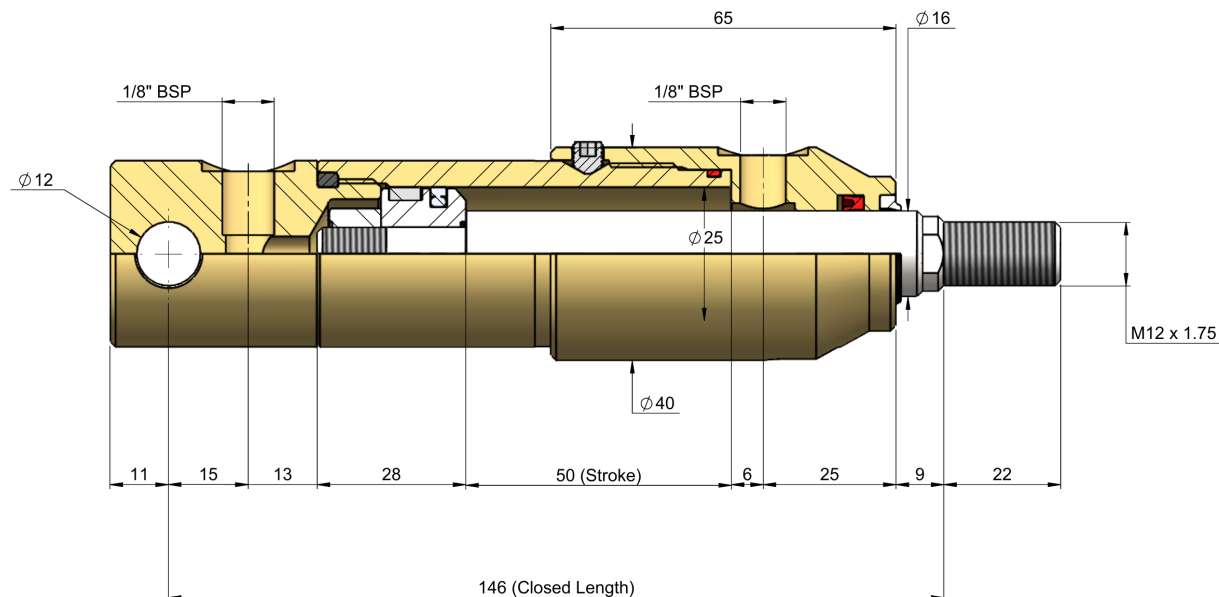
- Compact, lightweight screw-together construction – ideal where space and weight are tight
- Ø12 mm cross-drilled base eye and M12 × 1.75 male threaded rod end
- 1/8" BSP ports, CK45 chrome-plated rod, ST52.3 tube, SK16/25 seal kit
- Zinc plated finish for corrosion resistance
- Special designs available depending on quantities

Operating limits: max working pressure 200 bar, hydraulic mineral oil. Forces are theoretical at 200 bar. Special designs can be produced depending on quantities – call us on 01535 617880.



71625.50

Double acting micro cylinder · 25 bore × 16 rod × 50 stroke · 146 mm closed length



KEY DIMENSIONS

Bore × rod	25 × 16 mm
Stroke	50 mm
Closed length	146 mm
Open length	196 mm
Ports	1/8" BSP
Weight	0.94 kg



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C & C HYDRAULICS — 71625 SERIES — UNIT 1 OF 4

71625.50

Technical Data Sheet

50^{mm}

Stroke

146^{mm}

Closed length

196^{mm}

Open length

0.94^{kg}

Weight

Dimensions

Bore	25 mm	Base eye	Ø12 mm
Rod diameter	16 mm	Rod end	M12 × 1.75 male
Stroke	50 mm	Base / gland diameter	Ø35 mm / Ø40 mm
Closed length	146 mm	Tube	25 ID × 35 OD × 78 mm
Open length	196 mm	Rod	16 OD × 140 mm
Ports	1/8" BSP × 2	Oil volume (extend)	0.02 L

Performance & construction

Item	Specification
Push force at 200 bar	9.8 kN (1.00 t)
Pull force at 200 bar	5.8 kN (0.59 t)
Max working pressure	200 bar
Fluid	Hydraulic mineral oil
Rod material	CK45, chrome plated
Tube material	ST52.3
Seal kit	SK16/25
Finish	Zinc plated
Weight	0.94 kg

Standard features

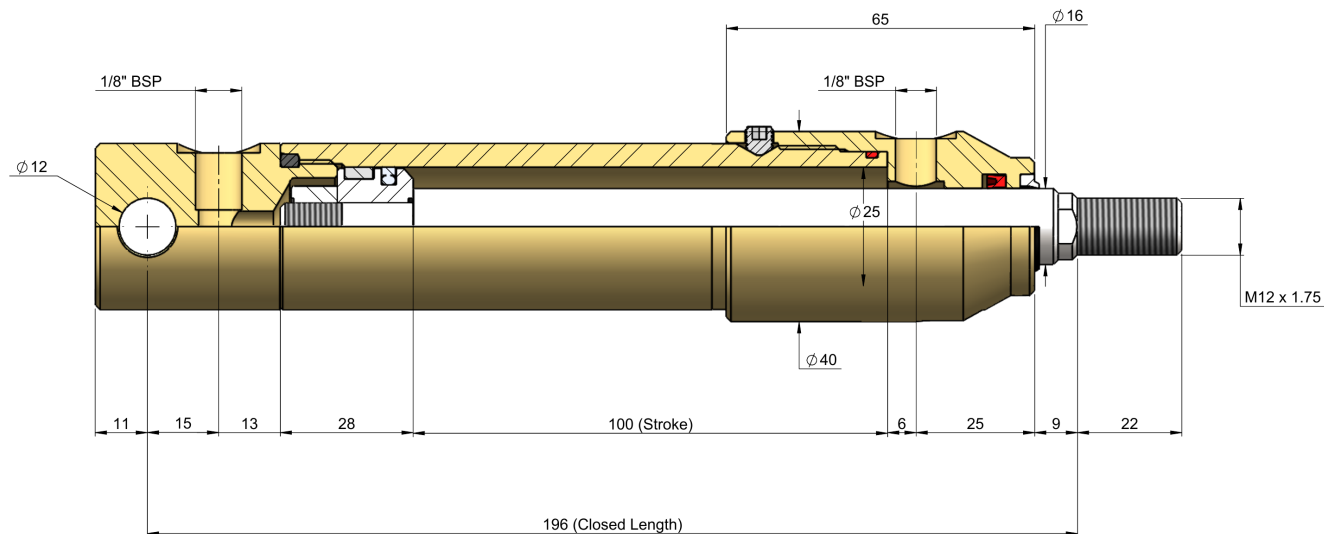
- Double acting, Ø12 mm base eye and M12 × 1.75 male rod end
- Compact screw-together construction
- Zinc plated finish

Ordering: quote part number **71625.50** (drawing ref 71625-50). Forces are theoretical at 200 bar. Dimensions in mm; drawings not to scale.



71625.100

Double acting micro cylinder · 25 bore × 16 rod × 100 stroke · 196 mm closed length



KEY DIMENSIONS

Bore × rod	25 × 16 mm
Stroke	100 mm
Closed length	196 mm
Open length	296 mm
Ports	1/8" BSP
Weight	1.22 kg



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C & C HYDRAULICS — 71625 SERIES — UNIT 2 OF 4

71625.100

Technical Data Sheet

100 mm

Stroke

196 mm

Closed length

296 mm

Open length

1.22 kg

Weight

Dimensions

Bore	25 mm	Base eye	Ø12 mm
Rod diameter	16 mm	Rod end	M12 × 1.75 male
Stroke	100 mm	Base / gland diameter	Ø35 mm / Ø40 mm
Closed length	196 mm	Tube	25 ID × 35 OD × 128 mm
Open length	296 mm	Rod	16 OD × 190 mm
Ports	1/8" BSP × 2	Oil volume (extend)	0.05 L

Performance & construction

Item	Specification
Push force at 200 bar	9.8 kN (1.00 t)
Pull force at 200 bar	5.8 kN (0.59 t)
Max working pressure	200 bar
Fluid	Hydraulic mineral oil
Rod material	CK45, chrome plated
Tube material	ST52.3
Seal kit	SK16/25
Finish	Zinc plated
Weight	1.22 kg

Standard features

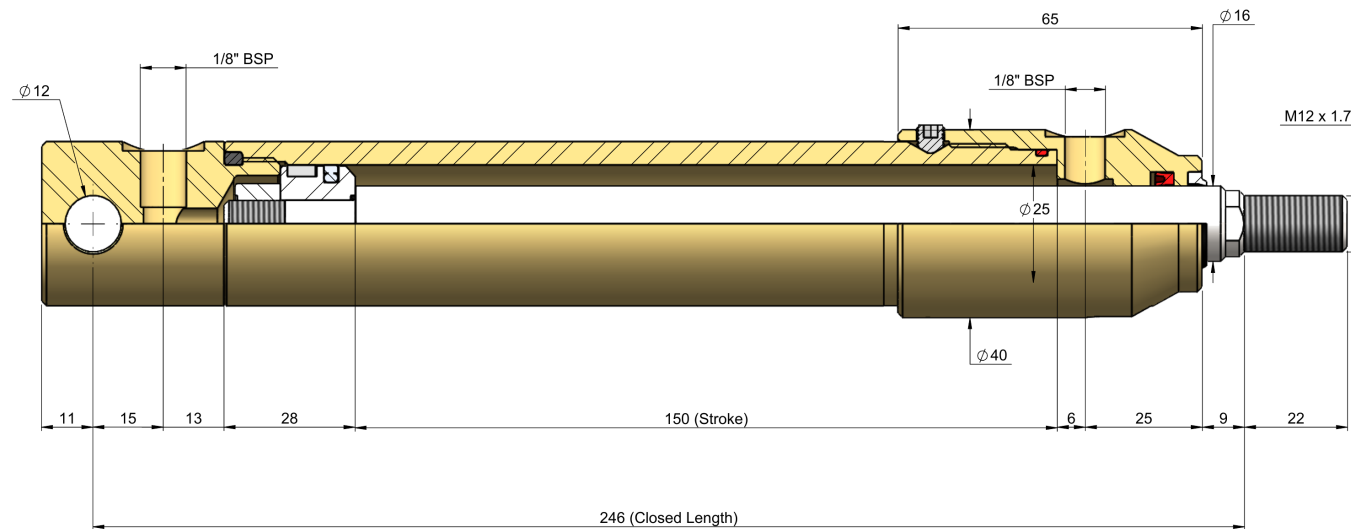
- Double acting, Ø12 mm base eye and M12 × 1.75 male rod end
- Compact screw-together construction
- Zinc plated finish

Ordering: quote part number **71625.100** (drawing ref 71625-100). Forces are theoretical at 200 bar. Dimensions in mm; drawings not to scale.



71625.150

Double acting micro cylinder · 25 bore × 16 rod × 150 stroke · 246 mm closed length



KEY DIMENSIONS

Bore × rod	25 × 16 mm
Stroke	150 mm
Closed length	246 mm
Open length	396 mm
Ports	1/8" BSP
Weight	1.55 kg



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C & C HYDRAULICS — 71625 SERIES — UNIT 3 OF 4

71625.150

Technical Data Sheet

150^{mm}

Stroke

246^{mm}

Closed length

396^{mm}

Open length

1.55^{kg}

Weight

Dimensions

Bore	25 mm	Base eye	Ø12 mm
Rod diameter	16 mm	Rod end	M12 × 1.75 male
Stroke	150 mm	Base / gland diameter	Ø35 mm / Ø40 mm
Closed length	246 mm	Tube	25 ID × 35 OD × 178 mm
Open length	396 mm	Rod	16 OD × 240 mm
Ports	1/8" BSP × 2	Oil volume (extend)	0.07 L

Performance & construction

Item	Specification
Push force at 200 bar	9.8 kN (1.00 t)
Pull force at 200 bar	5.8 kN (0.59 t)
Max working pressure	200 bar
Fluid	Hydraulic mineral oil
Rod material	CK45, chrome plated
Tube material	ST52.3
Seal kit	SK16/25
Finish	Zinc plated
Weight	1.55 kg

Standard features

- Double acting, Ø12 mm base eye and M12 × 1.75 male rod end
- Compact screw-together construction
- Zinc plated finish

Ordering: quote part number **71625.150** (drawing ref 71625-150). Forces are theoretical at 200 bar. Dimensions in mm; drawings not to scale.



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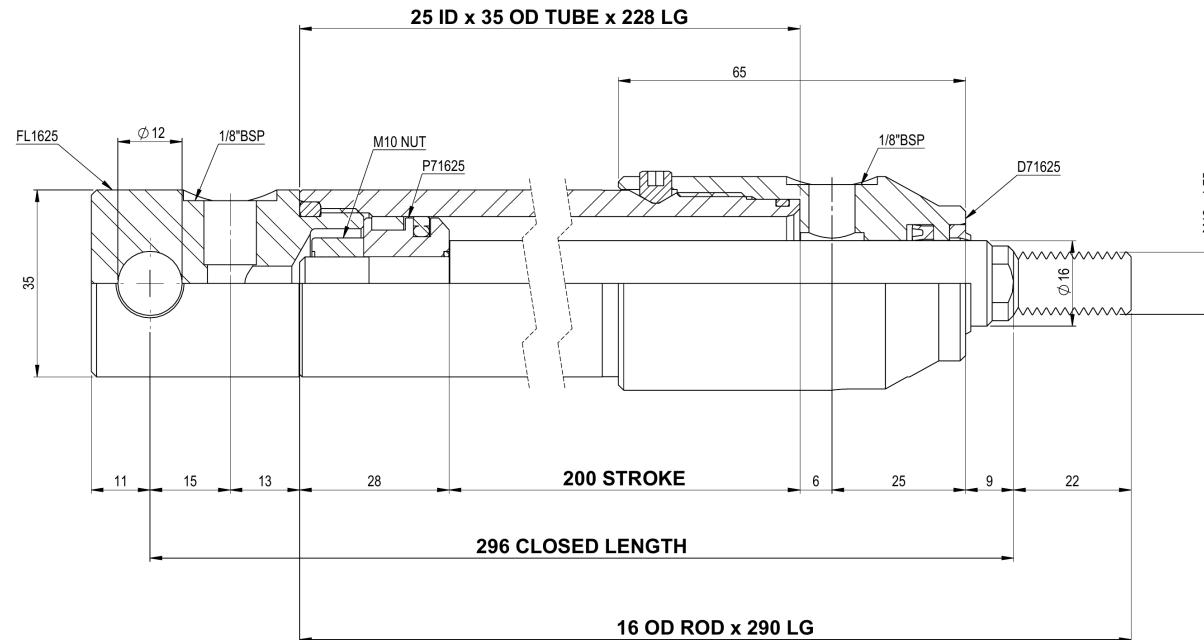
STANDARD HYDRAULIC CYLINDERS

Product data sheet

C & C HYDRAULICS — 71625 SERIES — UNIT 4 OF 4

71625.200

Double acting micro cylinder · 25 bore × 16 rod × 200 stroke · 296 mm closed length



KEY DIMENSIONS

Bore × rod	25 × 16 mm
Stroke	200 mm
Closed length	296 mm
Open length	496 mm
Ports	1/8" BSP
Weight	1.78 kg



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C & C HYDRAULICS — 71625 SERIES — UNIT 4 OF 4

71625.200

Technical Data Sheet

200 mm

Stroke

296 mm

Closed length

496 mm

Open length

1.78 kg

Weight

Dimensions

Bore	25 mm	Base eye	Ø12 mm
Rod diameter	16 mm	Rod end	M12 × 1.75 male
Stroke	200 mm	Base / gland diameter	Ø35 mm / Ø40 mm
Closed length	296 mm	Tube	25 ID × 35 OD × 228 mm
Open length	496 mm	Rod	16 OD × 290 mm
Ports	1/8" BSP × 2	Oil volume (extend)	0.10 L

Performance & construction

Item	Specification
Push force at 200 bar	9.8 kN (1.00 t)
Pull force at 200 bar	5.8 kN (0.59 t)
Max working pressure	200 bar
Fluid	Hydraulic mineral oil
Rod material	CK45, chrome plated
Tube material	ST52.3
Seal kit	SK16/25
Finish	Zinc plated
Weight	1.78 kg

Standard features

- Double acting, Ø12 mm base eye and M12 × 1.75 male rod end
- Compact screw-together construction
- Zinc plated finish

Ordering: quote part number **71625.200** (drawing ref 71625/200-CC). Forces are theoretical at 200 bar. Dimensions in mm; drawings not to scale.