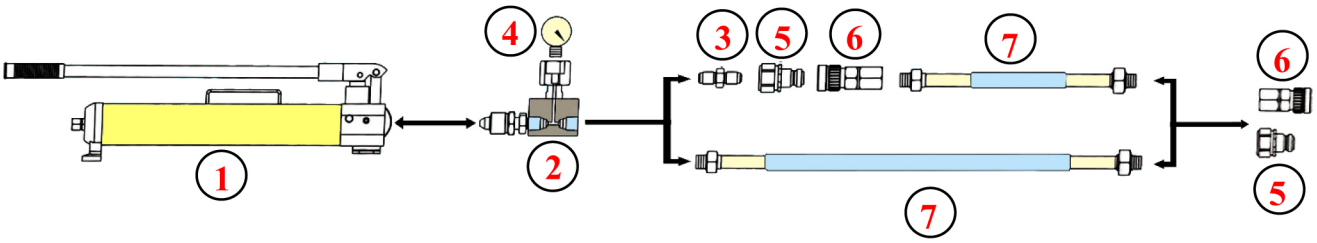
PIBUL THAMRONG MACHINERY CO.,LTD

Professional Tools, Excellent Solutions

ULTRA HIGH PRESSURE HAND PUMP (1500 – 2800 Bar)



Part No.	Model	Description
1	UHP 2800	2800 Bar, Hand Pump
	AHP 705	1500 Bar, Hand Pump
2	GA 3500	3500 Bar, 3 Way Tee Block Set
3	G1412E1412	3000 Bar, Nipple
4	GU 3500	3500 Bar, Pressure Gauge
5	CE116M	BP: 3000 Bar, Male Coupler
	CE125M	BP: 5000 Bar, Male Coupler
6	CE116F	BP: 3000 Bar, Female Coupler
	CE125F	BP: 5000 Bar, Female Coupler
7	HS 5/4-2M	BP: 4500 Bar, DN5, Hose 3 M
	HS 5/6-2M	BP: 6250 Bar, DN5, Hose 3 M

The Quick Connect
Solution Provider

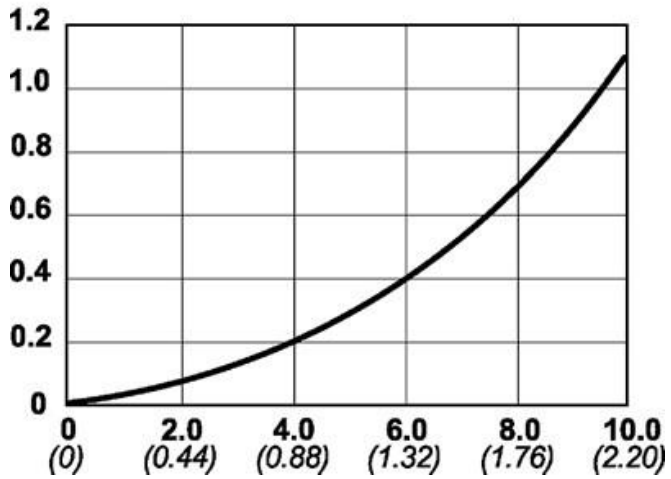
Ultra High-Pressure Hydraulic Products, Couplings & Nipples

Series 116, 150 MPa

Robust and compact non-drip quick couplings for ultra high-pressure hydraulic applications

- Quick-action safety lock eliminates any risk of accidental disconnection
- Compact design with small outer dimensions
- Non-drip on connection and disconnection
- Dust caps included as standard

Oil Flow
Pressure drop, MPa



Flow, l/min. (GPM UK)

Technical data

Nominal flow diameter:	2.5 mm (0.1")
Flow capacity:	6.0 l/min (1.3 GPM UK)
Max. working pressure:	150.0 MPa
Min. burst pressure:	300.0 MPa
Temperature range:	-30°C — +100°C (-22°F — +212°F)
Material coupling:	Hardened, zinc chromate plated steel
Material nipple:	Hardened, zinc chromate plated steel
Material seal:	Nitrile (NBR) other sealing materials on request

Flow capacity is measured at 0.4 MPa pressure drop.

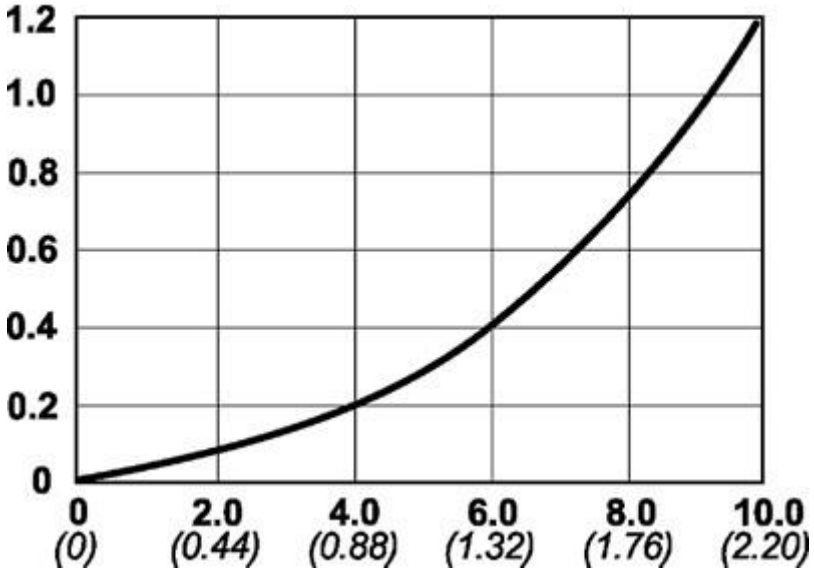
The Quick Connect
Solution Provider

Ultra High-Pressure Hydraulic Products, Couplings & Nipples

Series 125, 250 MPa

- Quick-action safety lock eliminates any risk of accidental disconnection
- Compact design with small outer dimensions
- Non-drip on connection and disconnection
- High working pressure
- Unique sealing design
- Dust caps included as standard

Oil Flow
Pressure drop, MPa



Flow, l/min. (GPM UK)

Technical data

Nominal flow diameter:	2.5 mm (0.1")
Flow capacity:	5.8 l/min (1.3 GPM UK)
Max. working pressure:	250.0 MPa
Min. burst pressure:	500.0 MPa
Temperature range:	-30°C — +100°C (-22°F — +212°F)
Material coupling:	Hardened, zinc-nickel, zinc-iron
Material nipple:	Hardened, zinc-nickel
Material seal:	Nitrile (NBR) other sealing materials on request

Flow capacity is measured at 0.4 MPa pressure drop.

The Quick Connect Solution Provider

Ultra High-Pressure Hydraulic Products, Hose Assemblies

Hose 180 MPa, DN 5

The CEJN High-Pressure hose is a spiralized steel reinforced polymer hose that picks up where conventional product capabilities stop. It gives you ultra-high working pressure with maintained flexibility through entire life. Its low volumetric expansion gives fast response time in hydraulic systems while the smooth inner bores provide a minimized pressure drop. A long-lasting service time and extended hose life in even the toughest applications is a result of the kink-resistant steel-reinforced construction, abrasion-resistant covers and a superior chemical resistance. The small outside diameter makes the hose ideal for tight routing.

Configure Hose Kit

Technical data

Design:	Inner tube of polyoxymethylene (POM), 4 spiral layers of high tensile steel wire, outer sheath of polymide (PA)
ID x OD:	4.8 x 11.6 mm
Max. working pressure:	180.0 MPa
Min. burst pressure:	450.0 MPa
Min. bend radius:	130 mm (5.1")
Weight:	280 g/m (9.9 oz)
Temperature range:	-40°C — +100°C (-40°F — +212°F)

The Quick Connect Solution Provider

Ultra High-Pressure Hydraulic Products, Hose Assemblies

Hose 250 MPa, DN 5

The CEJN High-Pressure hose is a spiralized steel reinforced polymer hose that picks up where conventional product capabilities stop. It gives you ultra-high working pressure with maintained flexibility through entire life. Its low volumetric expansion gives fast response time in hydraulic systems while the smooth inner bores provide a minimized pressure drop. A long-lasting service time and extended hose life in even the toughest applications is a result of the kink-resistant steel-reinforced construction, abrasion-resistant covers and a superior chemical resistance. The small outside diameter makes the hose ideal for tight routing.

Configure Hose Kit

Technical data

Design:	Inner tube of polyoxymethylene (POM), 6 spiral layers of high tensile steel wire, outer sheath of polymide (PA)
ID x OD:	4.8 x 12.9 mm
Max. working pressure:	250.0 MPa
Min. burst pressure:	625.0 MPa
Min. bend radius:	175 mm (6.9")
Weight:	410 g/m (14.4 oz)
Temperature range:	-40°C — +100°C (-40°F — +212°F)