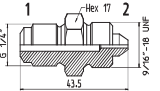
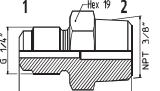
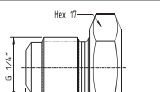
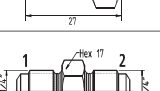
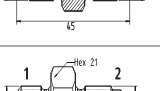
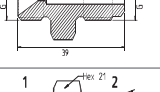
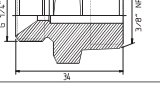
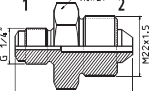
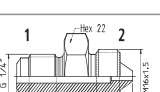
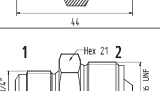




High-Pressure Hydraulic Adapters

- Used in combination with couplers and blocks to create safe complete hydraulic systems
- Extensive range of connections and threads available
- Working pressure varies between 1000 bar and 3000 bar
- Durable design
- Made of black zinc plated steel
- Several seal options available
- A safe and trouble free connection guarantee

Drawing	Part No.	Connection 1	Connection 2	Max working pressure	Description
	199500022	G 1/4" (CMS)	9/16"-18 (UNF)	3000 bar	Male thread: Connection 1 with 120° external cone (CMS) Connection 2 with 60° external cone
	199501404	G 1/4" (CMS)	3/8" NPT	1500 bar	Male thread: Connection 1 with 120° external cone (CMS) Connection 2 with 3/8" NPT
	199501600	G 1/4" (CMS)	-	3000 bar	Stop plug, male thread with 120° external cone (CMS)
	199501601	G 1/4" (CMS)	G 1/4" (CMS)	3000 bar	Male thread: Connection 1 with 120° external cone (CMS) Connection 2 with 120° external cone (CMS)
	199501602	G 1/4" (CMS)	G 1/4" (CMS)	3000 bar	Male thread: Connection 1 with 60° internal cone. Connection 2 with 120° external cone (CMS)
	199501603	G 1/4" (CMS)	3/8" NPT	1500 bar	Male thread: Connection 1 with 60° internal cone Connection 2 with 3/8" NPT"
	199501609	G 1/4" (CMS)	M22 x 1.5	3000 bar	Male thread: Connection 1 with 120° external cone (CMS) Connection 2 with 60° external cone
	199501610	G 1/4" (CMS)	M16x1.5	3000 bar	Male thread: Connection 1 with 120° external cone (CMS) Connection 2 with 60° external cone
	199501611	G 1/4" (CMS)	3/4"-16 (UNF)	3000 bar	Male thread: Connection 1 with 120° external cone (CMS) Connection 2 with 60° external cone
	199501612	M16x1.5	M16x1.5	4000 bar	Male thread: Connection 1 with 60° external cone Connection 2 with 60° external cone



Porting Blocks – 3000 bar

- 2-, 3-, and 5-way versions
- All in black-zinc plated steel
- CEJN's porting blocks make it possible to utilise/connect several hydraulic lines from a single pump to numerous tools as well as the possibility of connecting a pressure gauge to the system
- The blocks are available in three different sizes and designs with a varying number of ports, see the product table for data on respective blocks

Drawing	Part No.	Connection	Description	Max working pressure
3-WAY GAUGE BLOCK 	199501681	G 1/4"	G 1/4" female thread. Seal with 120° sealing cone or rubber metal seal (max working pressure with rubber metal seal 1000 bar). Gauge connection G 1/2". Supplied with sealing washer.	2000 bar
3-WAY DISTRIBUTION BLOCK 	199501682	G 1/4"	G 1/4" female thread. Seal with 120° sealing cone or rubber metal seal (max working pressure with rubber metal seal 1000 bar).	3000 bar
5-WAY DISTRIBUTION BLOCK 	199501683	G 1/4"	G 1/4" female thread. Seal with 120° sealing cone or rubber metal seal (max working pressure with rubber metal seal 1000 bar).	3000 bar

High-Pressure Seals – up to 2000 bar

Seal	Part Nr.	Description	Max. working pressure
Rubber metal seal	199500084	For 1/4" parallel male thread	1000 bar
High strength Rub.met. seal	199500083	For 1/4" parallel male thread	1500 bar
Copper washer	099504600	For 1/4" parallel male thread	2000 bar

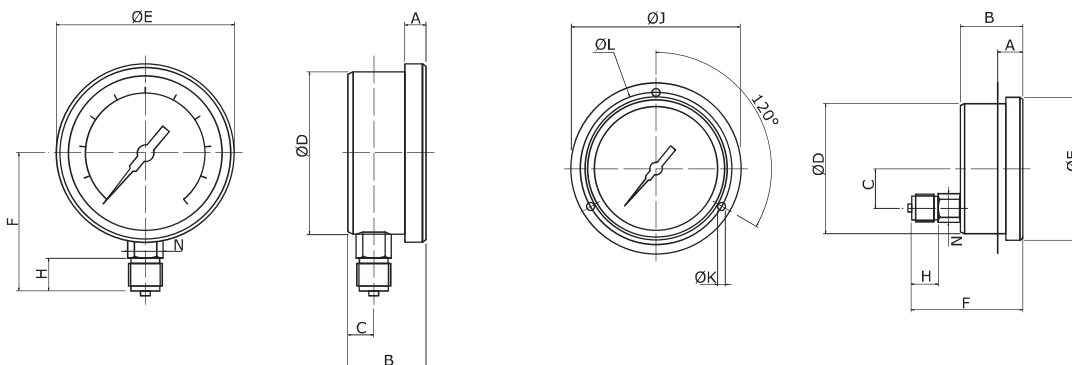


Pressure Gauges – up to 2000 bar

- Available in three sizes; Ø 63 mm, Ø 100 mm, Ø 150 mm
- Max scale: from 1000 bar (14 500 PSI) to 2000 bar (29 000 PSI)
- Durable design
- Available with bottom connection or for panel mounting
- All models are glycerine filled for improved performance and long life
- The gauges are made of stainless steel, which means they can be used in dirty and rugged environments
- The pressure gauges can be connected by means of a porting block

Max rec. working pressure 75% of the full scale range.
Material Stainless steel AISI 316 and AISI 304.
 Dial face of aluminum with black graduations.
 Pointer of aluminum or stainless steel.
 Gasket of polychloroprene. Window of plexiglass.
Units: bar and PSI.

Protection class: IP 65
Liquid: Filled with 98% glycerine.
Accuracy: Ø 63 mm +/- 1.6% of full scale.
 Ø 100 and 150 mm +/- 1% of full scale.
Temperature range: 15°C – +65°C
Miscellaneous: Ø 100 and 150 mm manufactured in accordance with EN 837-1



Gauge Diameter	Details	Part Number	Connec-tion	Scale max working pres.	A	B	C	D	E	F	H	J	K	L	N
Ø 63 mm	Bottom connection Male thread	199402120	G 1/4"	1000 bar	5.6	28	10	62.6	68	55.3	13	-	-	-	14
		199402121	1/4" NPT	1000 bar	5.6	28	10	62.6	68	54.3	13	-	-	-	14
	Panel mounting Male thread	199402320	G 1/4"	1000 bar	6.6	28	10	62.6	68	54.3	13	85	3.6	75	14
		199402321	1/4" NPT	1000 bar	6.6	28	10	62.6	68	53.8	13	85	3.6	75	14
Ø 100 mm	Bottom connection Male thread	199403120	G 1/2"	1000 bar	13	48.6	15	101	110.6	86	20	-	-	-	22
		199403140	1/2" NPT	1000 bar	13	48.6	15	101	110.6	86	20	-	-	-	22
		199403121	G 1/2"	1600 bar	13	48.6	15	101	110.6	86	20	-	-	-	22
		199403122	G 1/2"	2000 bar	13	48.6	15	101	110.6	86	20	-	-	-	22
	Panel mounting Male thread	199403320	G 1/2"	1000 bar	20	48.6	31	101	110.6	87	20	132	6	118	22
		199403321	G 1/2"	1600 bar	20	48.6	31	101	110.6	87	20	132	6	118	22
199403322	G 1/2"	2000 bar	20	48.6	31	101	110.6	87	20	132	6	118	22		
Ø 150 mm	Bottom connection Male thread	199404120	G 1/2"	1000 bar	15	50.5	15.5	149.6	161	117	20	-	-	-	22
		199404121	G 1/2"	1600 bar	15	50.5	15.5	149.6	161	117	20	-	-	-	22
		199404122	G 1/2"	2000 bar	15	50.5	15.5	149.6	161	117	20	-	-	-	22
	Panel mounting Male thread	199404320	G 1/2"	1000 bar	25.5	50.5	31	149.6	161	85.5	20	190	6	173	22
		199404321	G 1/2"	1600 bar	25.5	50.5	31	149.6	161	85.5	20	190	6	173	22
		199404322	G 1/2"	2000 bar	25.5	50.5	31	149.6	161	85.5	20	190	6	173	22

Thread connections are listed according to ISO Standards. All measurements are in mm.