



# EHP - Large Bore Piston Accumulators

250 bar & 350 bar



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# CADE – Cylinder and Accumulator Division Europe

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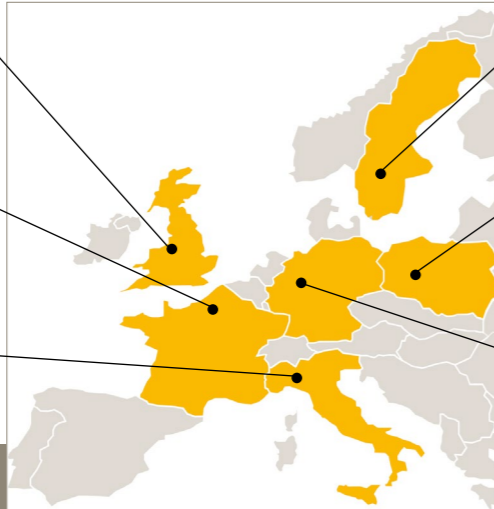
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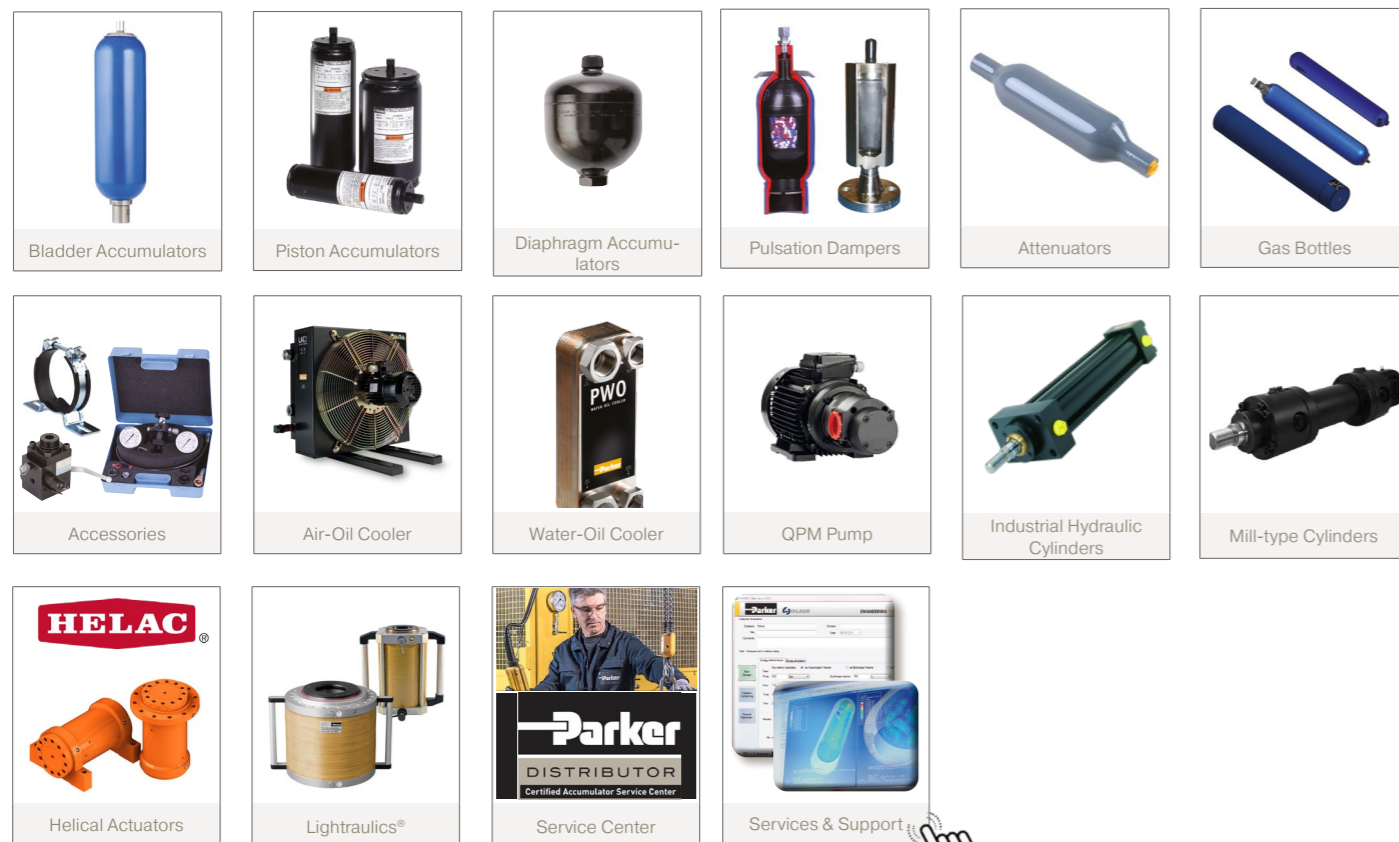
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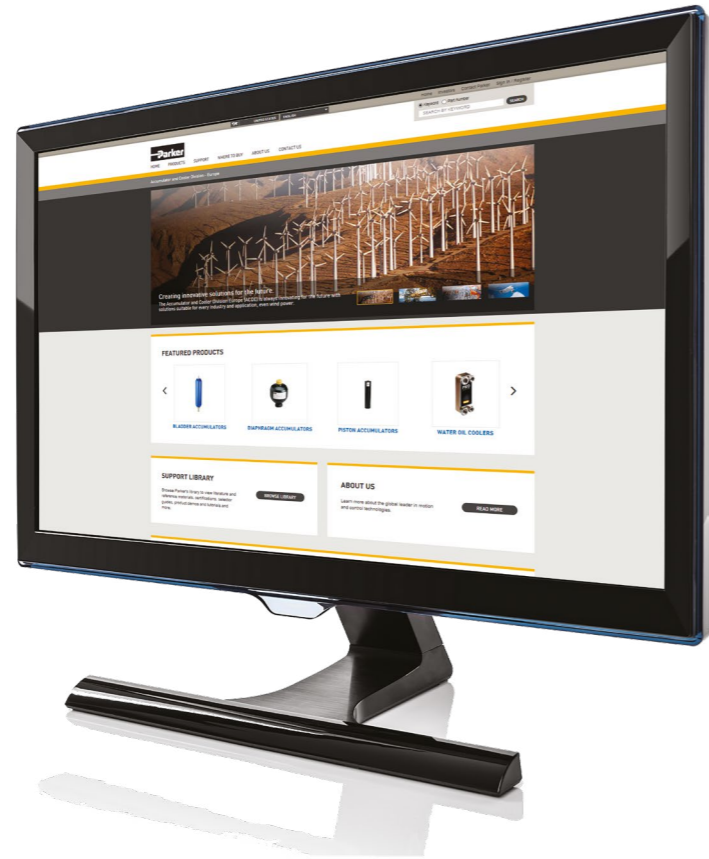
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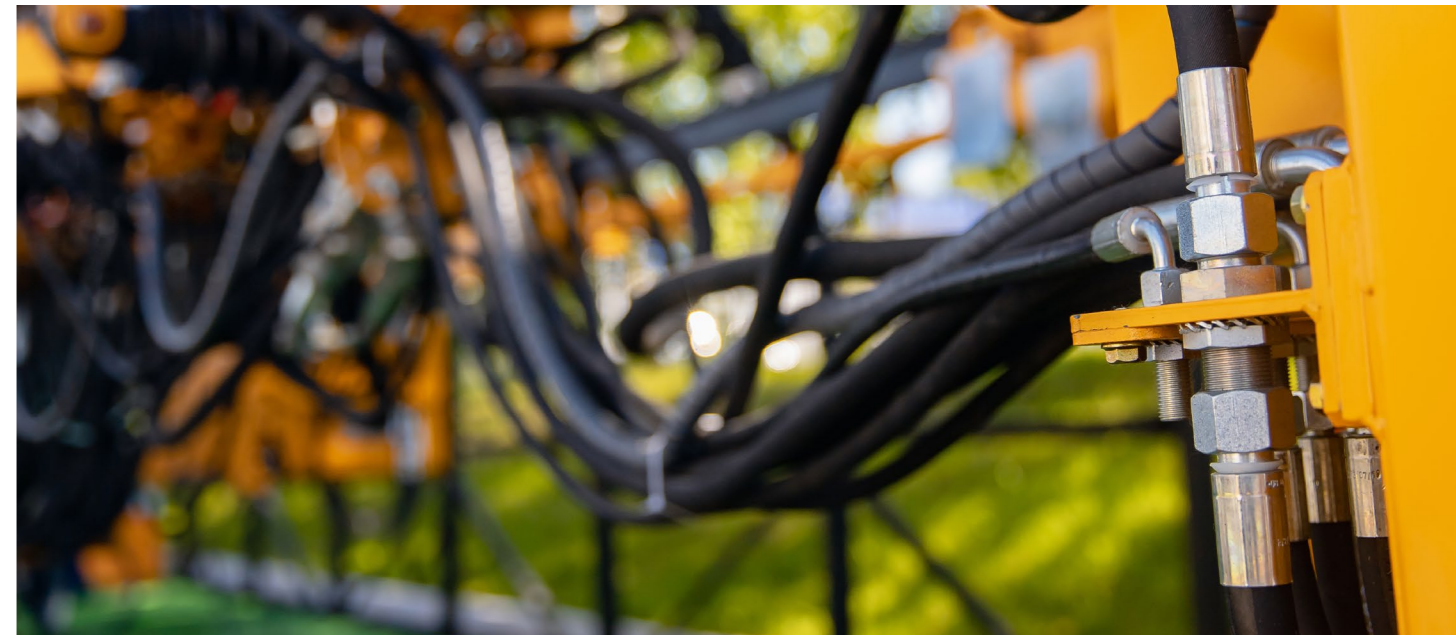
## NEW STANDARD PRODUCT RANGE

### Piston Accumulator - EHP Series

The EHP piston accumulators are manufactured in Carbon Steel and are available in 3 different bore sizes conforming to PED 2014/68/EU and UK Safety Regulation 2016 No 1105. Suitable for Industrial, Marine, Oil, Gas & Energy applications.

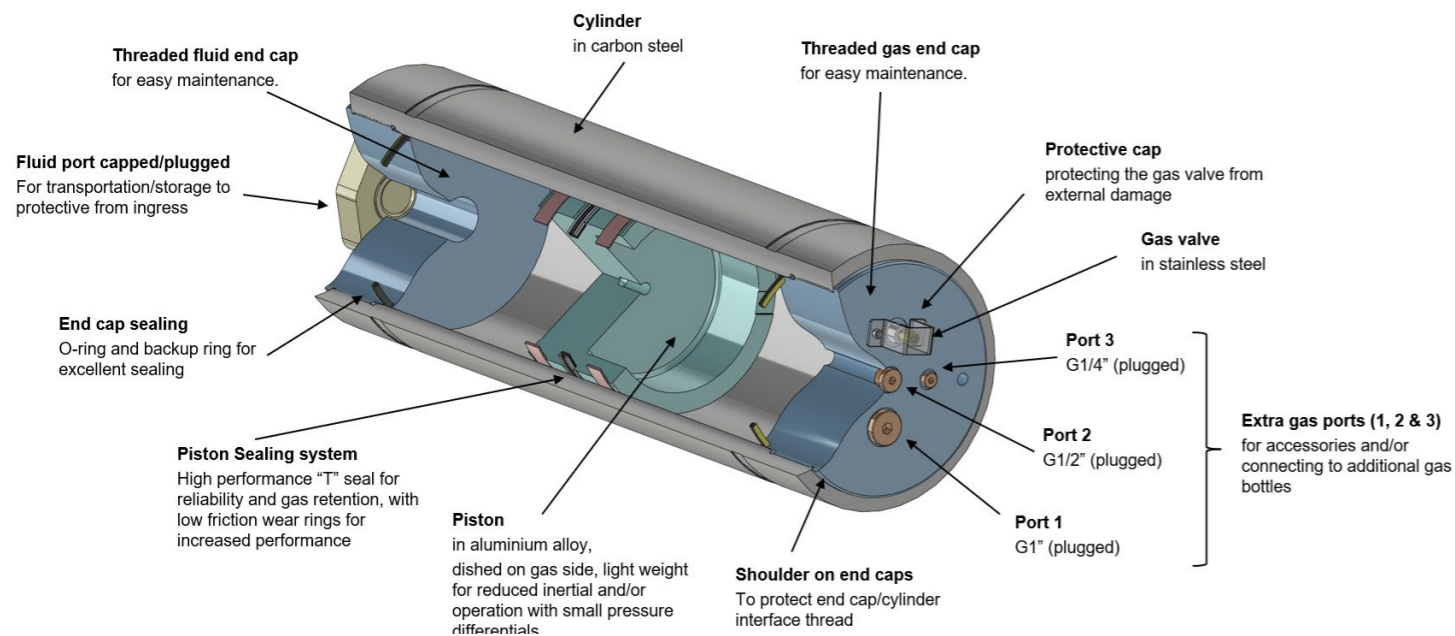


- Bore Sizes Ø: 200, 250, 350
- Pressure Rating: 250 bar or 350 bar
- Volume: upto 500 litres
- Design: EN14359 - European Standard
- Certification: According to PED 2014/68/EU with CE mark, and UK Safety Regulation 2016 No 1105 with CA mark
- Temperature: - 20 to 100°C
- Construction: Carbon steel cylinder & end caps, aluminium alloy piston
- Gas Port: 1/4" BSP Gas Valve (stainless steel)
- Gas End: Additional ports G1, G1/2, & G1/4 to ISO 1179-1 (for gas bottle and/or burst disc)
- Fluid Port: 2" SAE-6000lb flange face to ISO 6162-2 metric (SAE J518 code 62)
- Fluids: Mineral hydraulic oils (HL, HM, HV, HLP and HVLP to ISO 6743-4 / DIN 51524)
- Coating: Water based primer/cosmetic paint (RAL 9005 – black, semi-gloss)



**Large Bore Piston Accumulators - Technical Details**

The accumulator comprises of a pressure vessel, a piston and its seals.  
Shell material options include standard carbon steel and stainless steel.  
End caps - steel, pistons lightweight aluminium alloy. Piston and end cap seals in NBR (standard version)



**EHP Ø 200 mm, 250 bar MWP**

Seal kit: SK200-AL-0120 | Clamp: 10983-D06 | Burst dic: 1117100000 (300 bar)

Type	Effective Gas Volume (L)	Weight (kg)	A Height (mm)	Clamp Quantity
EHP0100-250-200CSKCDTP	10	98	610	2
EHP0150-250-200CSKCDTP	15	110	769	2
EHP0200-250-200CSKCDTP	20	122	928	2
EHP0250-250-200CSKCDTP	25	134	1087	2
EHP0300-250-200CSKCDTP	30	146	1246	2
EHP0400-250-200CSKCDTP	40	170	1565	2
EHP0500-250-200CSKCDTP	50	194	1883	3
EHP0600-250-200CSKCDTP	60	218	2201	3
EHP0700-250-200CSKCDTP	70	242	2520	3
EHP0800-250-200CSKCDTP	80	266	2838	3
EHP0900-250-200CSKCDTP	90	290	3156	3
EHP1000-250-200CSKCDTP	100	314	3475	3



**EHP Ø 200 mm, 350 bar MWP**

Seal kit: SK200-AL-0120 | Clamp: 11069-1-D06 | Burst dic: 1117240000 (420 bar)

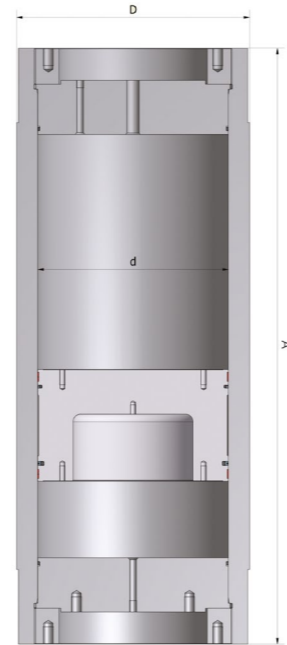
Type	Effective Gas Volume (L)	Weight (kg)	A Height (mm)	Clamp Quantity
EHP0150-350-200CSKCDTP	15	132	769	2
EHP0200-350-200CSKCDTP	20	149	928	2
EHP0250-350-200CSKCDTP	25	166	1087	2
EHP0300-350-200CSKCDTP	30	183	1246	2
EHP0400-350-200CSKCDTP	40	217	1565	2
EHP0500-350-200CSKCDTP	50	251	1883	3
EHP0600-350-200CSKCDTP	60	285	2201	3
EHP0700-350-200CSKCDTP	70	319	2520	3
EHP0800-350-200CSKCDTP	80	353	2838	3
EHP0900-350-200CSKCDTP	90	387	3156	3
EHP1000-350-200CSKCDTP	100	421	3475	3



### EHP Ø 250 mm, 250 bar MWP

Seal kit: SK250-AL-0121 | Clamp: 11068-D90 | Burst dic: 1117100000 (300 bar)

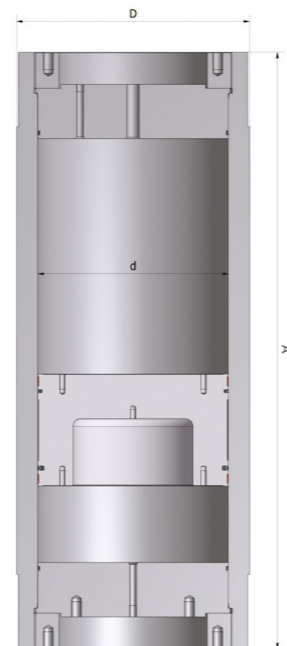
Type	Effective Gas Volume (L)	Weight (kg)	A Height (mm)	Clamp Quantity
EHP0300-250-250CSKCDTP	30	192	962	2
EHP0400-250-250CSKCDTP	40	212	1166	2
EHP0500-250-250CSKCDTP	50	232	1370	2
EHP0600-250-250CSKCDTP	60	252	1574	2
EHP0700-250-250CSKCDTP	70	272	1778	2
EHP0800-250-250CSKCDTP	80	292	1981	2
EHP0900-250-250CSKCDTP	90	312	2185	3
EHP1000-250-250CSKCDTP	100	332	2389	3
EHP1100-250-250CSKCDTP	110	352	2592	3
EHP1200-250-250CSKCDTP	120	372	2796	3
EHP1300-250-250CSKCDTP	130	392	3000	3
EHP1400-250-250CSKCDTP	140	412	3204	3
EHP1500-250-250CSKCDTP	150	432	3407	4
EHP1600-250-250CSKCDTP	160	452	3610	4
EHP1800-250-250CSKCDTP	180	492	4016	4
EHP2000-250-250CSKCDTP	200	532	4426	4



### EHP Ø 250 mm, 350 bar MWP

Seal kit: SK250-AL-0121 | Clamp: 11110-D90 | Burst dic: 1117240000 (420 bar)

Type	Effective Gas Volume (L)	Weight (kg)	A Height (mm)	Clamp Quantity
EHP0300-350-250CSKCDTP	30	259	962	2
EHP0400-350-250CSKCDTP	40	293	1166	2
EHP0500-350-250CSKCDTP	50	327	1370	2
EHP0600-350-250CSKCDTP	60	361	1574	2
EHP0700-350-250CSKCDTP	70	395	1778	2
EHP0800-350-250CSKCDTP	80	429	1981	2
EHP0900-350-250CSKCDTP	90	463	2185	3
EHP1000-350-250CSKCDTP	100	497	2389	3
EHP1100-350-250CSKCDTP	110	531	2592	3
EHP1200-350-250CSKCDTP	120	565	2796	3
EHP1300-350-250CSKCDTP	130	599	3000	3
EHP1400-350-250CSKCDTP	140	633	3204	3
EHP1500-350-250CSKCDTP	150	667	3407	4
EHP1600-350-250CSKCDTP	160	701	3610	4
EHP1800-350-250CSKCDTP	180	769	4016	4
EHP2000-350-250CSKCDTP	200	837	4426	4



### EHP Ø 350 mm, 250 bar MWP

Seal kit: SK350-AL-0125 | Clamp: 11133-D90 | Burst dic: 1117100000 (300 bar)

Type	Effective Gas Volume (L)	Weight (kg)	A Height (mm)	Clamp Quantity
EHP1000-250-350CSKCDTP	100	578	1401	2
EHP1200-250-350CSKCDTP	120	633	1609	2
EHP1400-250-350CSKCDTP	140	688	1817	2
EHP1500-250-350CSKCDTP	150	716	1921	3
EHP1600-250-350CSKCDTP	160	744	2025	3
EHP1800-250-350CSKCDTP	180	799	2233	3
EHP2000-250-350CSKCDTP	200	854	2440	3
EHP2250-250-350CSKCDTP	225	924	2701	3
EHP2500-250-350CSKCDTP	250	994	2960	3
EHP2750-250-350CSKCDTP	275	1064	3221	3
EHP3000-250-350CSKCDTP	300	1134	3480	3
EHP3250-250-350CSKCDTP	325	1204	3741	4
EHP3500-250-350CSKCDTP	350	1274	4000	4
EHP3750-250-350CSKCDTP	375	1344	4260	4
EHP4000-250-350CSKCDTP	400	1414	4519	4
EHP4250-250-350CSKCDTP	425	1484	4779	4
EHP4500-250-350CSKCDTP	450	1554	5039	4
EHP4750-250-350CSKCDTP	475	1624	5299	4
EHP5000-250-350CSKCDTP	500	1694	5559	4



### EHP Ø 350 mm, 350 bar MWP

Seal kit: SK350-AL-0125 | Clamp: 11135-D90 | Burst dic: 1117240000 (420 bar)

Type	Effective Gas Volume (L)	Weight (kg)	A Height (mm)	Clamp Quantity
EHP1200-350-350CSKCDTP	120	840	1609	2
EHP1400-350-350CSKCDTP	140	921	1817	2
EHP1500-350-350CSKCDTP	150	962	1921	3
EHP1600-350-350CSKCDTP	160	1003	2025	3
EHP1800-350-350CSKCDTP	180	1084	2233	3
EHP2000-350-350CSKCDTP	200	1162	2440	3
EHP2250-350-350CSKCDTP	225	1263	2701	3
EHP2500-350-350CSKCDTP	250	1364	2960	3
EHP2750-350-350CSKCDTP	275	1465	3221	3
EHP3000-350-350CSKCDTP	300	1566	3480	3
EHP3250-350-350CSKCDTP	325	1667	3741	4
EHP3500-350-350CSKCDTP	350	1768	4000	4
EHP3750-350-350CSKCDTP	375	1869	4260	4
EHP4000-350-350CSKCDTP	400	1970	4519	4
EHP4250-350-350CSKCDTP	425	2071	4779	4
EHP4500-350-350CSKCDTP	450	2172	5039	4
EHP4750-350-350CSKCDTP	475	2273	5299	4
EHP5000-350-350CSKCDTP	500	2374	5559	4



CADE Distribution Catalogue  
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**\*fast quotes**  
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The 2022 distribution catalogue includes Cylinder and Accumulator Division Europe's high-runners and latest product launches.

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How to order Large Bore Piston Accumulators - EHP Series

EHP	0200	-	250	-	300	CS	KC	D	T	P
01	02		03		04	05	06	07	08	09
01	Series	EHP								
02	Gas Volume (decilitres)	Example: 0100 = 10 L 5000 = 500 L								
03	Max. Working Pressure	250 = 250 bar 350 = 350 bar								
04	Internal Bore Size	200 = 200 mm 300 = 300 mm 350 = 350 mm								
05	Connection Fluid Side	CS = 2"-6000 lb SAE flange face								
06	Connection Gas Side	KC = G1" + G1/2"								
07	Gas Valve	D = 1/2"-20 UNF - G1/4, stainless steel								
08	Seal	T = High performance T seal								
09	Burst Disc Connection	P = G1/4" Port plugged & without burst disc								

Piston Accumulator - EHP Series - (Europe) | #EHP0250-250-200CSKCDTP

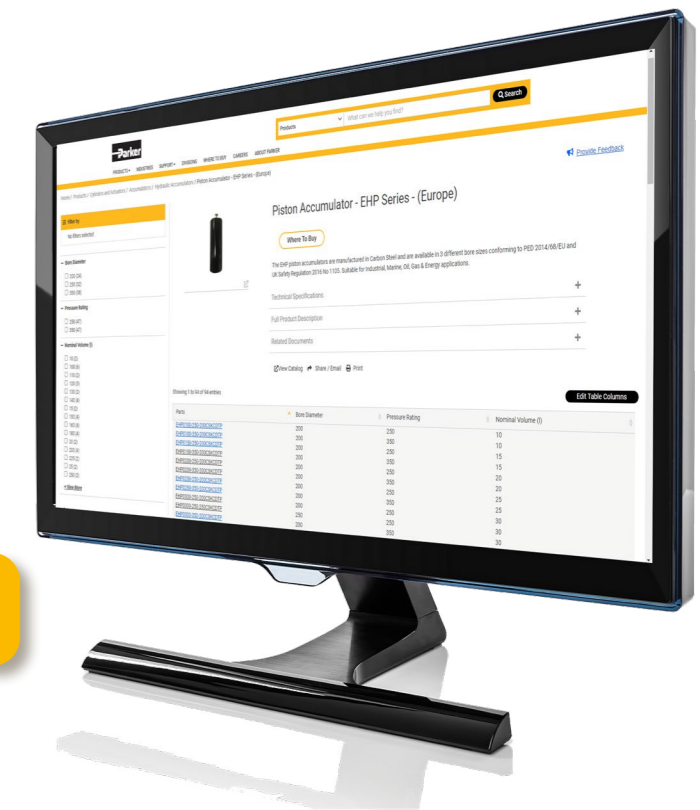
The EHP piston accumulators are manufactured in Carbon Steel and are available in 3 different bore sizes conforming to PSE 2014 A4632 and UK Safety Regulation 2016 No 1105, suitable for industrial, marine, oil, gas & energy applications.

Technical Specifications

Bore Diameter:	250	Pressure Rating:	250
Normal Volume (l):	25	Product Series:	Large Bore Piston Accumulators, EHP
Product Type:	01 P0250-250-200CSKCDTP	Material of Construction:	Carbon Steel
Maximum Operating Pressure:	250 bar	Bore Diameter:	250 mm
Weight:	124 kg	Length:	1027 mm
Maximum Operating Temperature:	100 °C	Maximum Operating Temperature:	100 °C

Full Data Sheet

view EHP range  
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