



Filters . Accumulators

**General**

The Gas Charging Block is used in order to make safer and more practical the connection of one or more additional nitrogen bottles with a "transfert" version accumulator. It includes the following equipment:

Shut-off Valve R that remains open during the operation in order to assure the free nitrogen flow between bottles and accumulator and vice versa; it should be closed only for a check or for the accumulator maintenance.

Check Valve VR that guarantee the nitrogen passage from accumulator to bottles even when the cock R is wrongly closed.

Safety Valve VS214/VS224 or Burst Disk for the protection against over-pressure.

Filling Valve PC for the charging or the check of nitrogen pre-charge through pre-loading set PC-....

**Construction**

**The basic version includes**

Body in Phosphated steel with shut-off valve (R) and Check Valve (VR).

Nipple for Safety Valve.

Female threaded nipple on Accumulator side (A) and gas side (B)

Female threaded nipple for manometer (M)

Valve with connection for PC Kit.

Gaskets in NBR (Nitrile)

**On request - it is supplied with**

Body in Nickle Coated Carbon Steel.

Safety Valve (VS-214/VS-224).

Burst Disk (DR8).

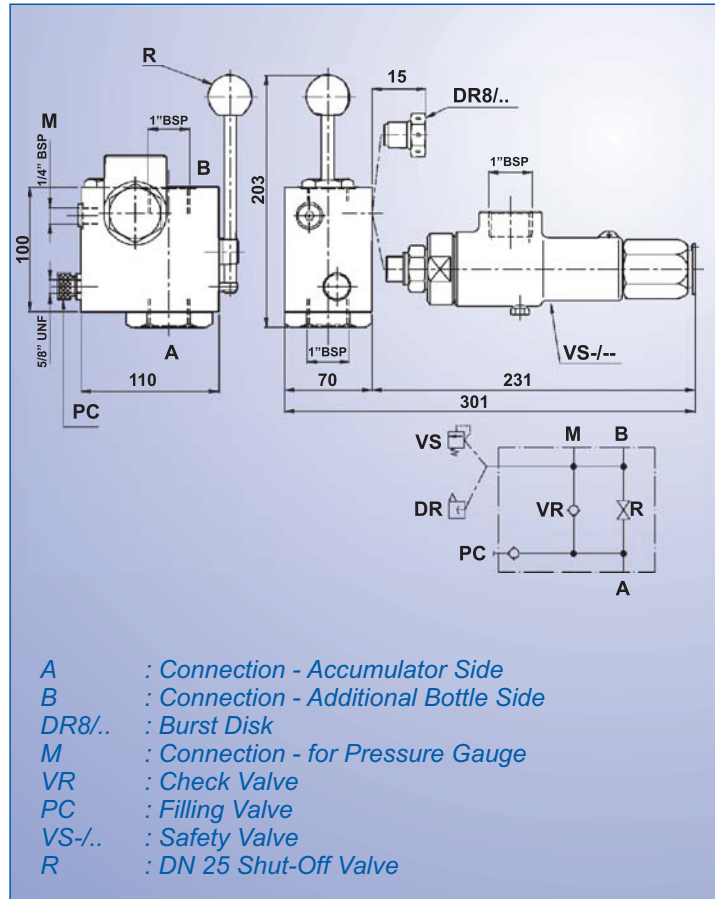
Gaskets in Viton.

Spare Part	Part No.
Valve with gaskets	2134
Check Valve	2305
Gas Fill Valve	2072
Safety Valve	VS-214/(bar) VS-224-/(bar)
Burst Disk	DR8/(bar)
Gaskets	2304

**EPE PROCESS FILTERS & ACCUMULATORS PVT LTD**

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**Gas Charging Block, Type-BC**



- A : Connection - Accumulator Side
- B : Connection - Additional Bottle Side
- DR8/.. : Burst Disk
- M : Connection - for Pressure Gauge
- VR : Check Valve
- PC : Filling Valve
- VS-/- : Safety Valve
- R : DN 25 Shut-Off Valve

**Technical Features**

- Port : 25 mm
- Max. Working pressure : 400 Bar.
- Working temperature : -20°C to +80°C.
- Safety valve : VS-214/VS-224/...
- Burst Disk : DR8/....

**Identification Code**

Type	Safety Valve or Burst Disk	Calibration (bar)	Connection - Both Sides	Gasket Material	Certification	Block Material
BC 25	A= Without Valve B= Calibrate Valve without testing P= With Valve (97/23/EC Certified) R= With Burst Disk	-- Without Valve <b>210</b> <b>330</b> Other settings on request	G= 1" BSP (Standard) A= Others -to be specified	P= Nitrile V= Viton	0= Factory 8= CE	-- Phosphated Steel N= Nickle Coated Carbon Steel X= Stainless Steel



Note : Technical specifications are subject to change.

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