

Accessories for hydraulic accumulators

Safety and shut-off blocks with manual balancing

- With certificate, NBR seals, **safety valve**
- $p_{max} = 400 \text{ bar}$
- The viscosity of fluids must lie within the following limits:
Minimum $10 \text{ mm}^2/\text{s}$, max. $380 \text{ mm}^2/\text{s}$

Code	p_{max} bar (*)	S	P	T	M	M1	M2	Weight kg
HK DI 10 M 100 B	100	Accumulator connection M 33x2 (**)	1/2"	1/2"	1/4"	-	-	2.9
HK DI 10 M 140 B	140							
HK DI 10 M 200 B	200							
HK DI 10 M 210 B	210							
HK DI 10 M 250 B	250							
HK DI 10 M 330 B	330							
HK DI 20 M 330 B	330	1"	3/4"	-	1/2"	1/4"	7.2	

(*) **Safety valve is locked, please select the corresponding accumulator considering to the maximum pressure!**

(**) **Attention! Please order the adapter for corresponding accumulator!**

Accumulator adapter for safety and shut-off block

Code	Description
HK AS 10 3/4	for IHV with 3/4" (0.5 - 1.6 l)
HK AS 12 1 1/4	for IHV with 1 1/4" (2.5 - 10 l)
HK AS 13 2	for IHV with 2" (10 - 50 l)
HK AS 31 3/4	for OLM with G3/4" (2.0 - 3.5 l)
HK AS 32 1/2	for OLM with G1/2" (0.075 - 2.0 l)

Accumulator bracket

Code	Design	D	H	A	B	C	E
HK CB 75	B	75	50	110	85	110	-
HK CB 92	B	92	46	125	90	132	-
HK CB 108	B	108	65	138	100	150	-
HK CB 114	B	114	73	138	100	159	-
HK CB 121	B	121	73	138	100	164	-
HK CD 130	D	130	77	172	136	147	198
HK CC 136	C	136	76	199	136	160	-
HK CB 146	B	146	80	171	136	190	-
HK CB 150	B	150	80	171	136	190	-
HK CC 168	C	168	92	188	148	181	230
HK CB 177	B	177	98	196	148	217	-
HK CD 226	D	226	123	270	216	241	295

Attention! Take the diameter of the accumulator and use the next size.

Example: When the diameter of the accumulator is 96 mm select a bracket of 108 mm.

Lock nut for diaphragm type accumulator

Code	Design
HK MS M33-15	Lock nut for diaphragm type accumulator

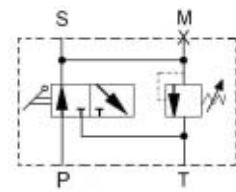
Charging and gauging device VGU

The pilot pressure of hydraulic accumulators can be checked, reduced and increased.

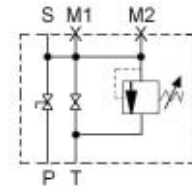
Fits all IHV bladder accumulators, OLM diaphragm type accumulators and all commercially available accumulators with an M28 x 1.5 filling connector.

Attention! Always fill with technical nitrogen, never use oxygen or air! Risk of explosion!

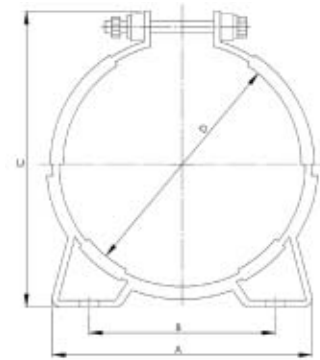
Code	Design
HK VGU 250 7 TS3 3	Charging and gauging device with manometer to 250 bar, and protective case



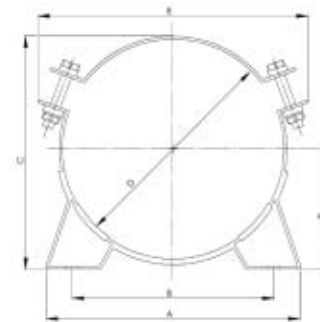
HK DI 10 M 330 B



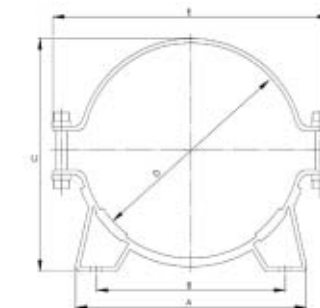
HK DI 20 M 330 B



Design B



Design D



Design C



HK VGU 250 7 TS3 3