



Maximum preload: 230 Bar

Body: Forged steel, sand and painted

Working temperature: from -20°C to +80°C

Compression ratio: recommended-P2/P0=2.5; maximum-P2/P0=4

According to: 97/23/CE-PED; 94/9/CE-ATEX Group II Cat 2; ASME-USTAMP; GOST-R; SELO.

Standard nitrogen preload: 150 bar

Ex: for a nitrogen preload of 10 bar: Max.pressure in the int.: ≤40 bar, and recom.press: 25 bar

Nitrogen load valve thread: 5/8" UNF

Part n°	R1	Max. flow (l/min)	Max. Press. (bar)	Nitrogen vol. (l)	A	B	C	D	E
HB 2.5	1"1/4 BSP	220	350	2,5	495	60	25	114	50
HB 4.5	1"1/4 BSP	400	350	4	410	60	47	168	50
HB 6	1"1/4 BSP	350	350	6	505	60	47	168	50
HB 10	1"1/4 BSP	300	350	10	775	60	47	168	50
HB 20	2" BSP	600	350	18,5	870	100	60	223	70
HB 25	2" BSP	570	350	24,9	1030	100	60	223	70
HB 35	2" BSP	540	350	33,5	1400	100	60	223	70
HB 50	2" BSP	500	350	49	1900	100	60	223	70

Compression ratio:

P2 = Maximum working pressure

P0 = Accumulator charge pressure

For other nitrogen preloads, please consult us.