

## Vacuum Check Valve VT-1H with COAX®



This vacuum pump combines high security and the most energy-efficient solution for sealed material, COAX® technology with automatic air-saving function. It has a check valve that traps vacuum in sealed applications and an integrated energy saving device that results in virtually no energy consumption. It is an excellent product when working with vacuum handling devices that have to comply and fulfil legislated lifting norms for handling devices, for example (DIN/SS) – EN 13155, ASME Standard B30.20, etc.

It has the two-stage COAX® cartridge MINI Pi12-2 integrated and is available in lock pin 16, 19 or ball joint mountings, industry standard. It is also available with level compensator to compensate for differences in level of object.

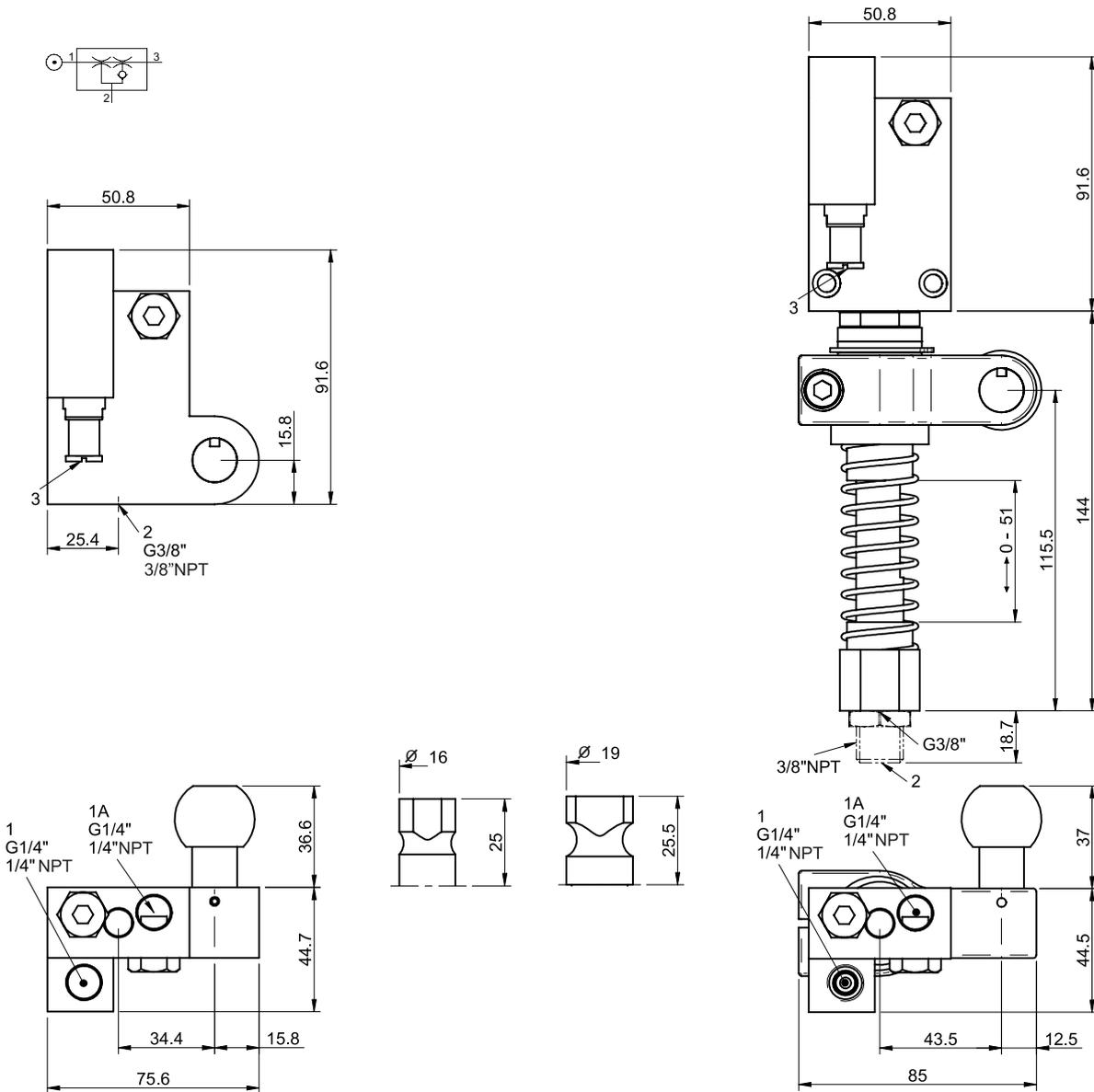
### VACUUM FLOW

COAX® cartridge	Feed pressure MPa	Air consumption NI/s	Vacuum flow (NI/s) at different vacuum levels (-kPa)										Max vacuum -kPa
			0	10	20	30	40	50	60	70	80		
MINI Pi12-2	0.32	0.44	0.68	0.6	0.44	0.27	0.19	0.14	0.1	0.06	0.03	90	

### EVACUATION TIMES

COAX® cartridge	Feed pressure MPa	Air consumption NI/s	Evacuation time (s/l) to reach different vacuum levels (-kPa)								Max vacuum -kPa
			10	20	30	40	50	60	70	80	
MINI Pi12-2	0.32	0.44	0.17	0.32	0.58	1.1	1.8	2.7	4	6.4	90

## DIMENSIONAL DRAWING



## ORDERING INFORMATION

Description	Item No.
Vacuum Check Valve VT-1H COAX®, G threads, Ball joint, Left hand connection	0110435
Vacuum Check Valve VT-1H COAX®, G threads, Ball joint, Right hand connection	0121018
Vacuum Check Valve VT-1H COAX®, G threads, Lock pin 16, Left hand connection	0109276
Vacuum Check Valve VT-1H COAX®, G threads, Lock pin 16, Right hand connection	0121007

Description	Item No.
Vacuum Check Valve VT-1H COAX®, G threads, Lock pin 19, Left hand connection	0111147
Vacuum Check Valve VT-1H COAX®, G threads, Lock pin 19, Right hand connection	0119573
Vacuum Check Valve VT-1H COAX®, NPT threads, Ball joint, Left hand connection	0121056
Vacuum Check Valve VT-1H COAX®, NPT threads, Ball joint, Right hand connection	0121057
Vacuum Check Valve VT-1H COAX®, NPT threads, Lock pin 16, Left hand connection	0121026
Vacuum Check Valve VT-1H COAX®, NPT threads, Lock pin 16, Right hand connection	0121025
Vacuum Check Valve VT-1H COAX®, NPT threads, Lock pin 19, Left hand connection	0121038
Vacuum Check Valve VT-1H COAX®, NPT threads, Lock pin 19, Right hand connection	0121039
Vacuum Check Valve VT-1H COAX® with level compensator, G threads, Ball joint, Left hand connection	0120990
Vacuum Check Valve VT-1H COAX® with level compensator, G threads, Ball joint, Right hand connection	0121021
Vacuum Check Valve VT-1H COAX® with level compensator, G threads, Lock pin 16, Left hand connection	0109278
Vacuum Check Valve VT-1H COAX® with level compensator, G threads, Lock pin 16, Right hand connection	0121010
Vacuum Check Valve VT-1H COAX® with level compensator, G threads, Lock pin 19, Left hand connection	0120991
Vacuum Check Valve VT-1H COAX® with level compensator, G threads, Lock pin 19, Right hand connection	0121015
Vacuum Check Valve VT-1H COAX® with level compensator, NPT threads, Ball joint, Left hand connection	0121062
Vacuum Check Valve VT-1H COAX® with level compensator, NPT threads, Ball joint, Right hand connection	0121063
Vacuum Check Valve VT-1H COAX® with level compensator, NPT threads, Lock pin 16, Left hand connection	0121032
Vacuum Check Valve VT-1H COAX® with level compensator, NPT threads, Lock pin 16, Right hand connection	0121031
Vacuum Check Valve VT-1H COAX® with level compensator, NPT threads, Lock pin 19, Left hand connection	0121044
Vacuum Check Valve VT-1H COAX® with level compensator, NPT threads, Lock pin 19, Right hand connection	0121045