



Direct driven
High pressure Solenoid valve
Max. operating pressure 130 bar

High pressure solenoid valve for transcritical CO₂ applications (e.x. for Hot gas bypass)



„Made in EU“



Product feature:

- Max. operating pressure PS: 130 bar
- MOPD: 130 bar
- Normally closed function (NC)
- Coil protection class H
- Gasket seal PTFE
- Media temperature -40°C to 130°C, protection IP 65

Technical data

CE marking according low	2014/35/EU	Released for Media:	See Table 1,, Mineral-, Synthetik- and POE, PAG Oil
Pressure range:	max. oper.pressure PS: 130 bar Test pressure PT: 143 bar	Material:	Housing: brass CW617N Inlet/Outlet: G ¼" Enclosing tube: stainless steel
Applied standards:	EN 378/-1/-2, EN 12284, IEC 335	Temperature range Kv value	-40°C to 130°C 1 ltr./min

Type

Type	P/N	Power supply	Connec- tion	Max. operating pressure	Coil	weight with coil (g)	Total length incl. Adapter	Total lenght mounted Adapter
MV2H_230	10100	230 VAC	G ¼"	130 bar	16 VA	465	110 mm	90 mm

Accessories: Plug PG9 (P/N 10104)

Adapter kit (2 pcs.) incl. Gaskets

Type	P/N	Connec- tion	weight (g)
Adapter kit 6mm	10103	6 mm	80
Adapter kit 10mm	10102	10 mm	80

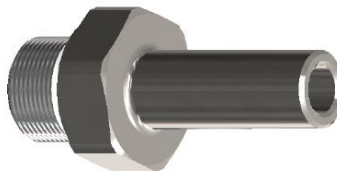
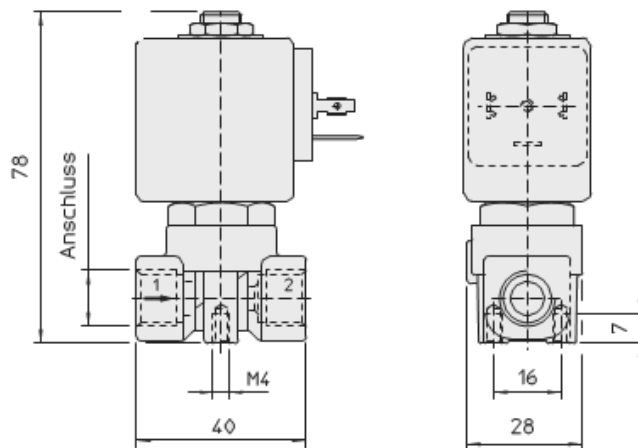
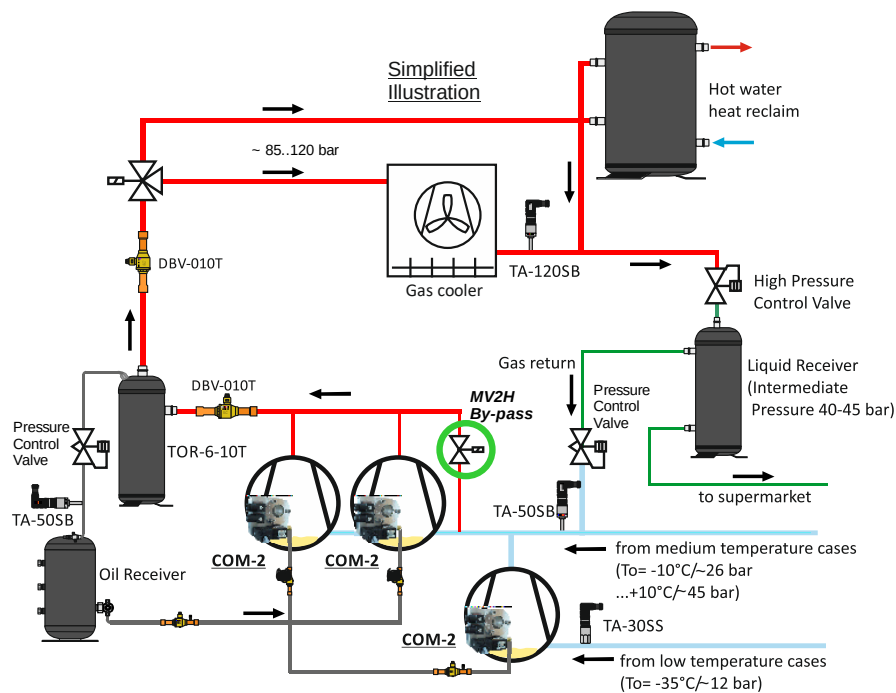


Table 1

Refrigerant	Group acc. PED 2014/68/EC	Group acc. EN378	Refrigerant	Group acc. PED 2014/68/EC	Group acc. EN378
R404A R134a R448A R449A R450A R513A R744	II	A1	R1234ze (E) R1234yf R32 R455A R454C	I	A2L
			R1270 R290	I	A3

Dimension**Simplified transcritical CO₂ refrigeration circuit**

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