



system inside the compressor container

symbol	description	quantity
BD1	blow down 80 lt	1
CB1	booster B	1
CW1	W compressor	1
CV1CV2CV3CV4CV5	check valve 3/4"	5
F1	Gas filter , PS= 100 bar , 25 micron	1
F2 F3	Outlet filter , DN20, PS=350 bar, 1 micron	2
HE1	Coaxial pipes heat exchanger: ext pipe 35 mm (PN160) for H2O and int pipe 20 mm (PN320) for CH4	1
PG1	1/4" pressure gauge 60 bar	1
PG2 PG6	1/4" pressure gauge 250 bar	2
PG3 PG4 PG5	1/4" pressure gauge 400 bar	3
PR1	pressure reducer 250-220 bar	1
EFV1	excess flow valve	1
PS1	calibrated pressure switch 230 bar	1
PS2	calibrated pressure switch 260 bar	1
PT1	pressure transducer : range 0-300bar	1
BV0	inlet hand ball valve DN32,PN350	1
PV1	carbon steel ball valve with spring return pneumatic actuator, normally closed, 2 ways, DN32 PN350 bar	1
PV2 PV3	carbon steel ball valve with spring return pneumatic actuator, normally closed, 2 ways, DN20 PN315 bar	2
ST1	medium pressure storage tanks (200 bar) PS=275 bar	1
ST2	high pressure storage tanks (250 bar) PS=275 bar	1
SV0	safety valve calibrated 60 bar, inlet DN 20, discharge DN25	1
SV3 SV4 SV5	safety valve calibrated 242 bar, inlet DN20, discharge DN 25	3
SV1 SV2	safety valve calibrated 275 bar, inlet DN20, discharge DN25	2
△	connection to VENT	

symbol	description	quantity
BV1 BV22 BV10	hand ball valve G1/4	3
BV2 BV3 BV5 BV6 BV12 BV13 BV16 BV18	hand ball valve G3/8	8
BV8 BV20	hand ball valve G1/2	2
BV4 BV7 BV9 BV11 BV14 BV15 BV17 BV19 BV21	hand ball valve G3/4	9

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REV.	DATA	MODIFICHE		FIRMA
Disegno n°: 0310701		Titolo/Title: P&I compression station		
Item n°:		Commessa/Job: W90-031		
Scala/ scale:	Disegnatore: M.Sartirano	Data: 21/06/07	Firma:	Sostituisce il/ Replaces:
Formato: A3	Verificatore: M.Galletta	Data: 22/06/07	Firma:	Sostituito da/ Replaced by:
	Approvatore: P.Abellonio	Data: 22/06/07	Firma:	Tavola/Sheet: 1/1

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