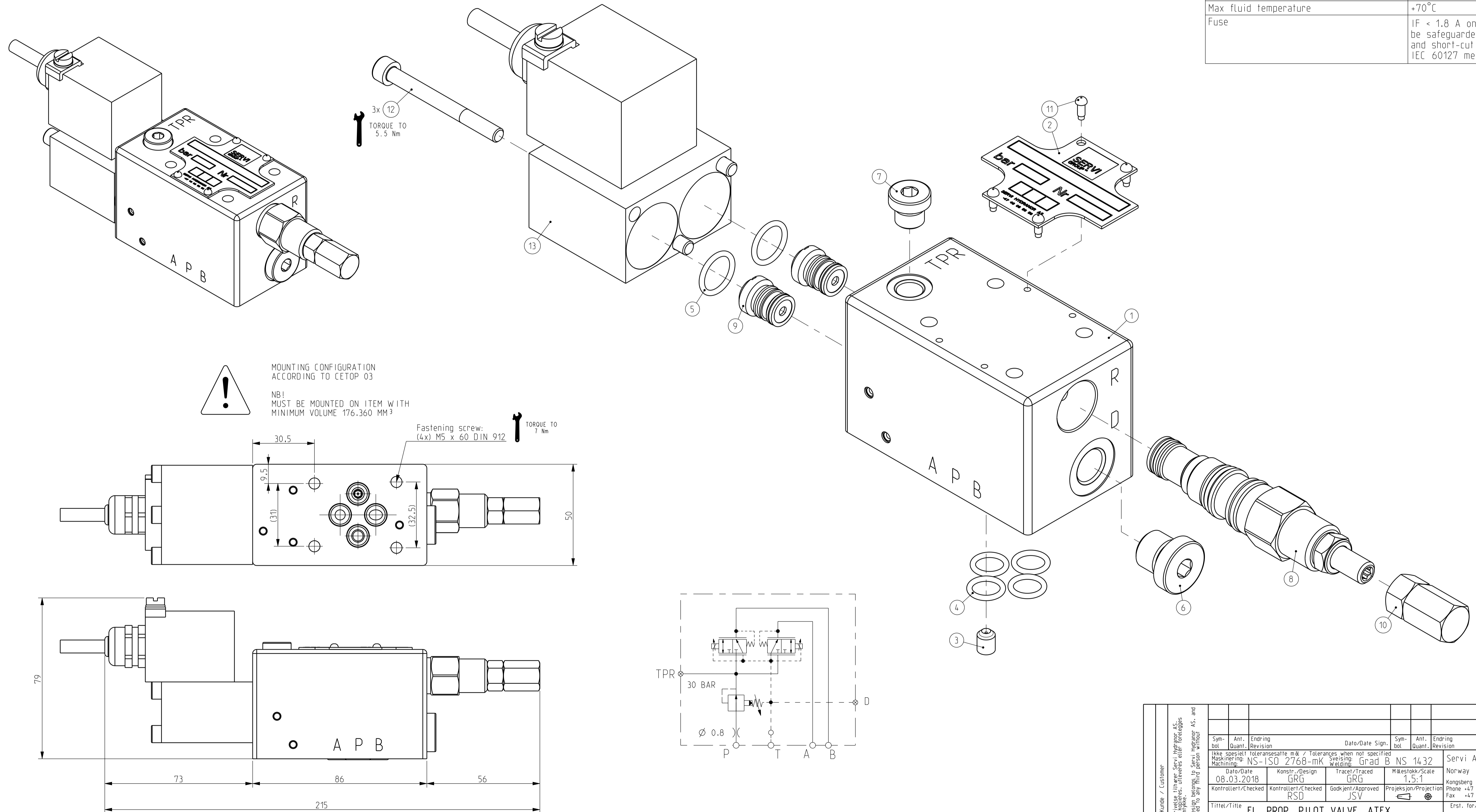


ITEM	QTY	ARTICLE DESCRIPTION	ARTICLE SPECIFICATION	ARTICLE NO.	SEAL KIT
1	1	BODY	BODY FOR 9FGBR	104073	
2	1	NAME PLATE	NAME PLATE	411458	
3	1	NOZZLE	M6 Ø0.8	GM608	
4	4	O-RING NBR SH70	9.25 x 1.78	1750.01.037.00	Y
5	2	O-RING NBR SH90	12.42 x 1.78	1750.03.040.00	Y
6	1	PLUG VST1-ED R	1/4" BSPP	2253.13.002.01	
7	1	PLUG VST1-ED R	1/8" BSPP	2253.13.001.01	
8	1	PRESSURE REDUCING VALVE	PBBB-LWN	PBBB-LWN	990-163-007
9	2	PROPORTIONAL VALVE	PM 1-30	HWD7625 150 H	
10	1	PROTECTIVE CAP AND NUT	HT182	4-22749	734963
11	4	RIVET A2	2.5(2)x6.5 UBS 4174	2267.09.002.53	
12	3	SCREW DIN 912 A4-80	M5 x 50	2250.10.047.21	
13	1	TWIN SOLENOID	01 EX01 049C 2424. IP67 *SEE CABLE SPECIFICATION	HWD7709 050/EX4-24V/10	

CABLE SPECIFICATION					
USED WITH ITEM		TECHNICAL DATA			
ITEM	TYPE	PRODUCT	CORES AND MM ²	DIAMETER	LENGTH
13	Ölflex	440P	4 x 0.5	Ø6.4	10M

TECHNICAL DATA	
General specification	Model code
	9FGBR4431021-12/12-EX
P _{max}	350 bar
T _{max}	If higher, use external D port
P _{reg}	0 - 30 bar
SOLENOID COIL DATA	
Ex-proof level	II 2 G Ex mb II 120°C (T4)
Duty cycle	S1, one coil energizing per solenoid housing.
Protection class	IP67 (IEC 60529)
Nominal voltage U _N	24V DC
Coil resistance R ₂₀	26.6 Ω
Current, cold I ₂₀	0.88 A
Lim. current I _G	0.63 A
Required dither frequency	40..70 Hz
Optimal dither signal depends on the specific hydraulic system.	
Ambient temperature	-35°...+40°C
Max fluid temperature	+70°C
Fuse	IF < 1.8 A on each solenoid must be safeguarded against overload and short-cut by fuse conforming IEC 60127 medium.



Sym- bol		Ant. Quant.	Endring Revision	Dato/Date Sign.	Sym- bol	Ant. Quant.	Endring Revision	Dato/Date Sign.	
Målestokk/Scale		1,5:1		Målestokk/Scale		1,5:1		Målestokk/Scale	
Dato/Date		08.03.2018		Dato/Date		08.03.2018		Dato/Date	
Kontrollert/Checked		GRG		Kontrollert/Checked		GRG		Kontrollert/Checked	
Godkjent/Approved		GRG		Godkjent/Approved		GRG		Godkjent/Approved	
Prosjeksjon/Projection		RSD		Prosjeksjon/Projection		RSD		Prosjeksjon/Projection	
Title/Title		EL. PROP. PILOT VALVE, ATEX 9FGBR4431021-12/12-EX		Title/Title		EL. PROP. PILOT VALVE, ATEX 9FGBR4431021-12/12-EX		Title/Title	
SERVI PART NO.:		4-40667		SERVI PART NO.:		4-40667		SERVI PART NO.:	
Kanter faser/Chamfer		45° x 0.5		Kanter faser/Chamfer		45° x 0.5		Kanter faser/Chamfer	
Hutkiler/Fillet rad.		R = 0.5		Hutkiler/Fillet rad.		R = 0.5		Hutkiler/Fillet rad.	
Vekt/Weight		2.7		Vekt/Weight		2.7		Vekt/Weight	
Beregning/Calculation		Kg		Beregning/Calculation		Kg		Beregning/Calculation	
Inngår i/Next assy		1		Inngår i/Next assy		1		Inngår i/Next assy	
Blad/Sheet		av/of		Blad/Sheet		av/of		Blad/Sheet	
1		1		1		1		1	