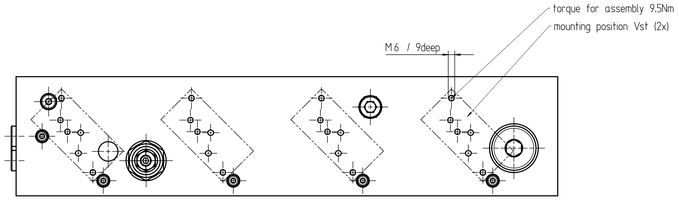
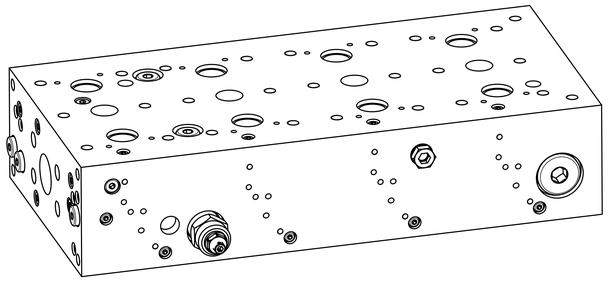
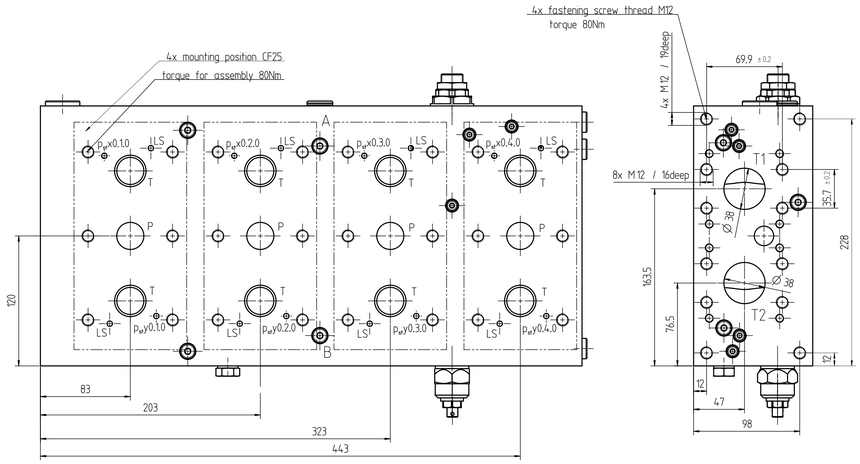
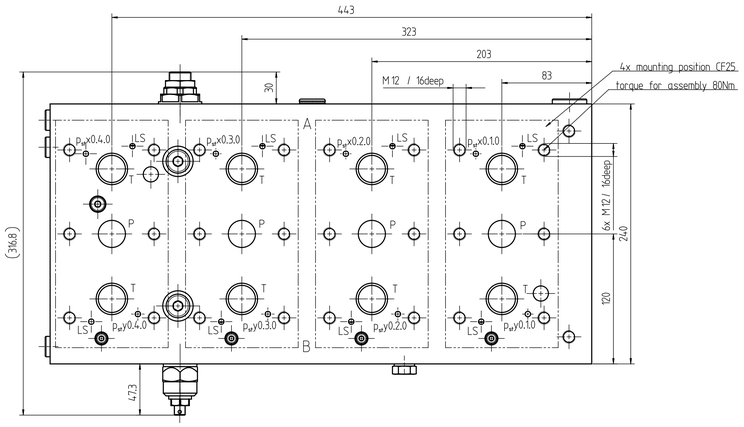
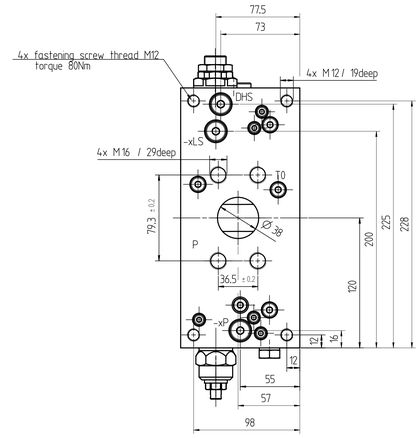


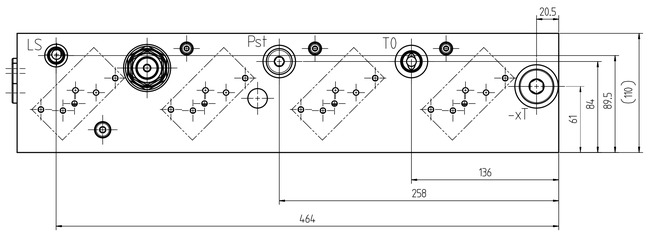
M1:1

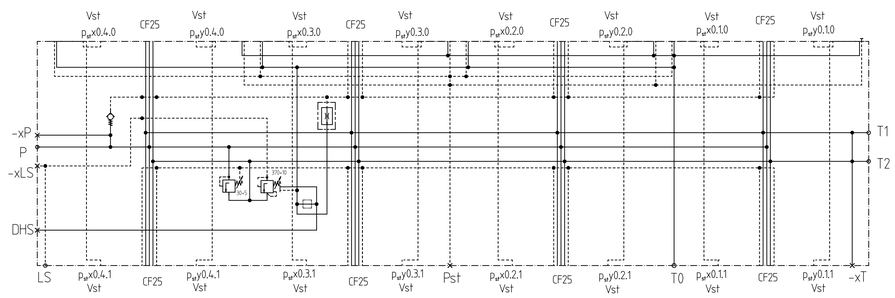












Port	Size	inside diameter	max. operating Pressure
P = Pump	SAE 1 1/2" ISO 6162-2 4xM16 / 29 deep / M_A= 295Nm 1)	38	400bar
T1, T2 = Tank	SAE 1 1/2" ISO 6162-1 4xM12 / 21.5 deep / M_A= 130Nm 1)	38	10bar
LS = LS Pressure	M14x1.5 M_A = 45Nm ISO6149-1		380bar
T0 = Tank T0	M18x1.5 M_A = 70Nm ISO6149-1		2bar
Pst = Control Pressure	M18x1.5 M_A = 70Nm ISO6149-1		32bar
-xLS = LS Measure Port	M14x1.5 M_A = 45Nm ISO6149-1		380bar
-xP = P Measure Port	M14x1.5 M_A = 45Nm ISO6149-1		400bar
-xT = T Measure Port	M27x2 M_A = 170Nm ISO6149-1		10bar
DHS (opt.)	M14x1.5 M_A = 45Nm ISO6149-1		45bar

1) dependent on screw property class according to ISO

Mineral Oil (HLP, HVLP und HLPD) authorized VG 22 / 32 / 46 / 68 / 100 recommended VG46 (with different requirements confer with application / sales)	viscosity range (short time)	10-1000mm²/s
	during operation	16-100mm²/s
	ambient temperature, range	-20°C to +50°C
	oil temperature range in tank	-20°C to +90°C
Maximum permissible pressure medium contamination level according to ISO 4406	contaminent code max.	17/15/12
	contaminent code recommended	16/14/11
	max. particle size	< 200 µm
Recommendation: after 200 hours of operation actuate not used directional control valves repeatedly several times to avoid sediments.		

667 310 53 55

First angle projection	00		T165363	
General tolerance (GT) in mm Size range > 30 > 120 > 400 > 1000 ≥ 30 ≥ 120 ≥ 400 ≥ 1000	Index	alteration	Change no.	Fit / Toler.
GT coarse	Inspection dim. ☐ Aux. dim. ( )		Material:	Weight: in kg 79.8
L 1 2 3 4		Date / Name	Blank no:	
≈L 1 2 4 6	Drawn 14.02.2022 J.Lüter		Title: DI support valve VT8	Prod.
Lengths (L) and angle (∠ ⌓) ≈ ±GT	Checked 16.02.2022 A.Müller			Scale 1:2
Tolerance Symbols ISO 1101	Auth'd 18.02.2022 A.Müller			
○ roundness = 1/2ø-Tol.	M. check. 22.02.2022 H. Redzegel			
⏥ straightness/flatness = GT				
◎ concentricity/run out = GT				Sheet: 1
⌯ symmetry = GT	Linde Hydraulics		Drawing number / /	of: 1
// parallelism = GT				
⌖ position = GT	Confidential document			
Languages: DE;EN	Refer to protection notice ISO 16016		Repl.	Orig.

6678053524

Approved

4001545/D2D/002/00 a0

EB7665352400SEN0051