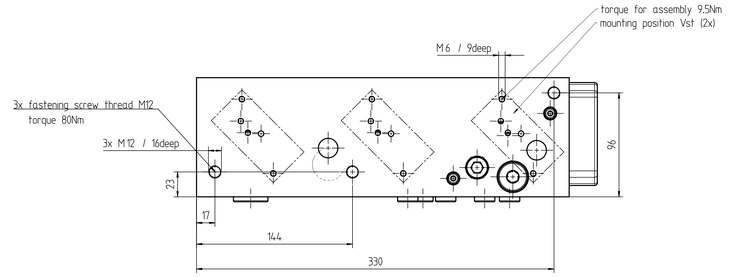

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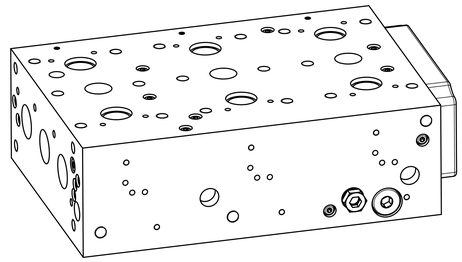
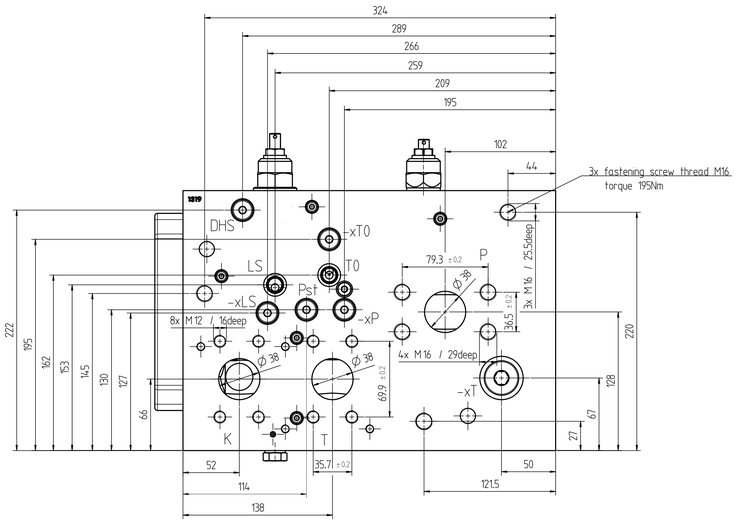
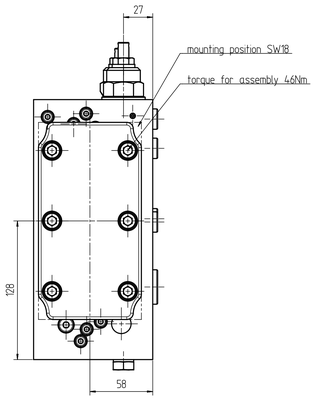
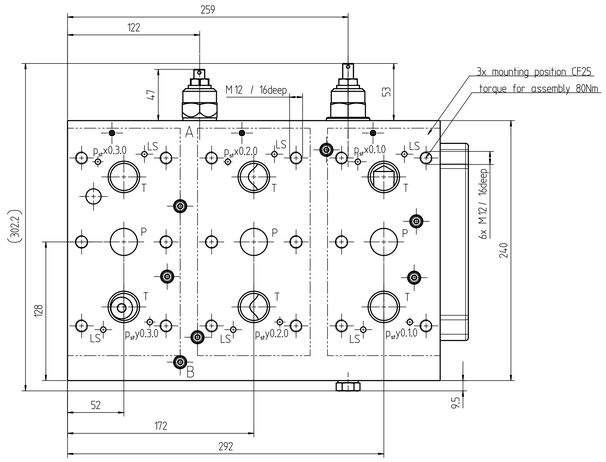
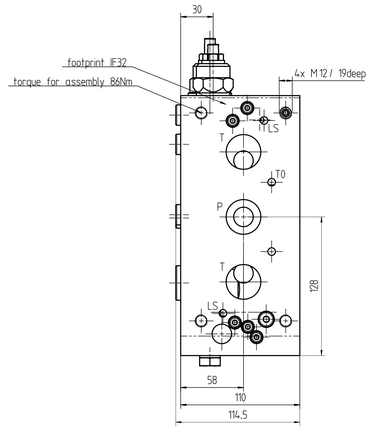
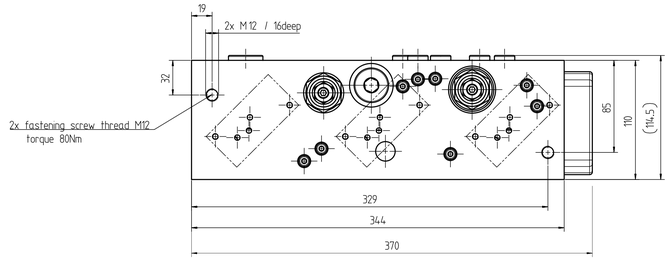






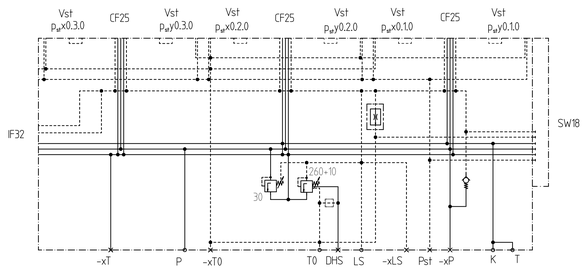






Port	Size	inside diameter	max. operating pressure
P = pump	SAE 1 1/2" ISO 6162-2 4xM16 / 29 deep / M_A= 295Nm 1)	38	400bar
T = tank	SAE 1 1/2" ISO 6162-1 4xM12 / 21.5 deep / M_A= 130Nm 1)	38	10bar
K = cooler	SAE 1 1/2" ISO 6162-1 4xM12 / 21.5 deep / M_A= 130Nm 1)	38	10bar
LS = LS pressure	M14x1.5 M_A = 45Nm ISO6149-1		380bar
T0 = tank T0	M14x1.5 M_A = 45Nm ISO6149-1		2bar
-xLS = LS test port	M14x1.5 M_A = 45Nm ISO6149-1		380bar
-xP = P test port	M14x1.5 M_A = 45Nm ISO6149-1		420bar
-xT = T test port	M14x1.5 M_A = 45Nm ISO6149-1		10bar
-xT0 = T0 test port	M14x1.5 M_A = 45Nm ISO6149-1		2bar
DHS = LS- pco remote control pressure relief valve (opt.)	M14x1.5 M_A = 45Nm ISO6149-1		45bar
Pst = control pressure	M14x1.5 M_A = 45Nm ISO6149-1		32bar

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 49

Index	alteration	Change no	Fit	Toler.
00		T165363		

First angle projection

General tolerance (GT) in mm
Size range: ≤ 30 | > 30 ≤ 120 | > 120 ≤ 400 | > 400 ≤ 1000
GT coarse: L | 1 | 2 | 2 | 3 | 4
≤ | 1 | 2 | 4 | 6 |
Lengths (L) and angle (∠) in ±GT

Tolerance Symbols ISO 1101
○ roundness = 1/2e-Tol.
straightness/flatness = GT
◎ f concentricity/run out = GT
symmetry = GT
// f parallelism = GT
⌖ position = GT

Languages: DE:EN

	Date	Name
Drawn	14.02.2022	J.Lüser
Checked	16.02.2022	A.Müller
Auth'd	16.02.2022	A.Müller
M.check.	22.02.2022	H. Reckegel

Inspection dim. ☐ Aux.dim. ( )

Material:
Blank no:
Weight: in kg 70.8
Title: DI support valve VT4 electr.
Prod.
Scale 1:2
Drawing number / /
Sheet 1 of 1

Linde Hydraulics

Confidential document
Refer to protection notice ISO 16016

Repl.
Orig.

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Approved

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