

SPECIFICATIONS

GENERAL

Design and manufacturing :
According to ISO 4413

Housing material :
steel

Surface protection :
Blacknite®

Ambient temperature range :
Min -20°C
Max +40°C

CONNECTIONS

For couplings with stud thread
DIN 3852 part 2 and
DIN 3852 part 11 form E.
Threads acc. to ISO 228-1.

P1, P2, T3: G3/4"
T1, T2: G1"
M: G1/4"

HYDRAULIC

Working pressure range :
max. 250 bar

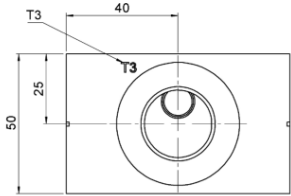
Flow rate :
max. 80 l/min

Pressure fluid :
Hydraulic oil to DIN 51524 part 1 and 2

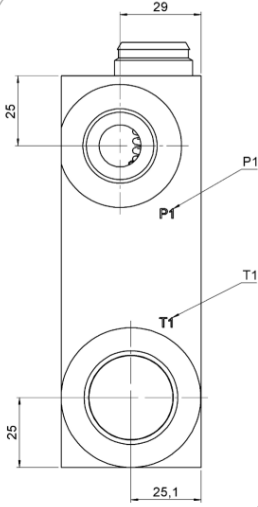
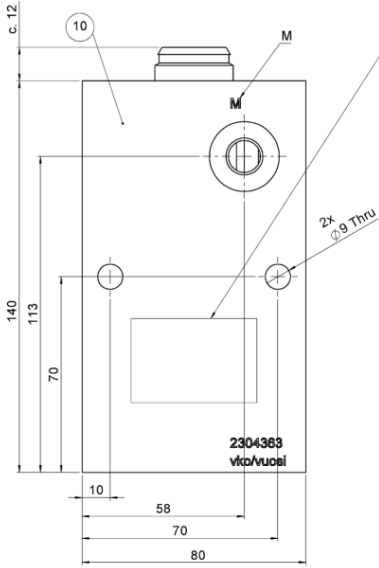
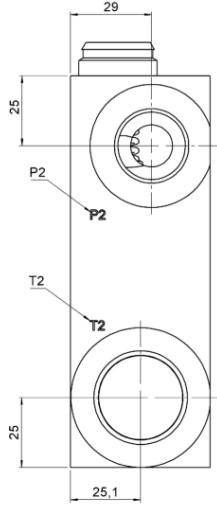
Fluid temperature range :
Min -20°C
Max +80°C

Viscosity range :
Recommended from 10 mm²/s to 500 mm²/s

Filtration :
Maximum permissible contamination level of operating fluid to ISO 4406 class 19/17/14. We therefore recommend using a filter with a minimum filtration grade of β₁₀ ≥ 200. The installation and regular replacement of the filter elements safeguards the performance, reduces wear and tear and increases the life expectancy of the unit.



Tarra / Sticker (30x45):
"HYDAC
2306472
vko/vuosi"
vko/vuosi = kokoonpanoviikko ja -vuosi
= assembly week and year

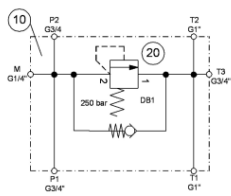


Kivistysmomentit [Nm] ja avainväli [mm (tuumaa)] Tightening torques [Nm] and wrench sizes [mm (inch)]			
Pos. no.	Torque [Nm]	Avainväli Wrench size [mm] / (inch)	Notes
20 (DB1)	50-55	Allen 10	

Part list

Pos.	Pcs	Description	Type	Part No	Notes
10	1	Manifold		2304363	
20	1	Pressure relief valve	DBV+Antikavitationsvent.PCE080-250-B&P	3908878	DB1

Diagram:



HYDAC ADA Version		Verfäglichkeitskanten Corners ISO13175	Oberflächenbeschaffenheit Surface quality	ISO 1302	Algemeintoleranzen / General tolerances ISO 2768 - m Form u. Lagertoleranzen / Tolerances Geometrische Toleranzen / Tolerance class Längentoleranzen / Linear dimensions (mm)
					über/over bis/to Werkstoff / Material siehe Zeichnung size drawing Maßstab Fertigungsmaß / Finished size 80/15/25/50
Autr.-/Entw.-Projekt-Nr. Ord.-/Devel.-Project-No					1:1
Anz. No		gepr./am Chkd. on	gepr./von Chkd. by	A.M.Nr. Notice of change No	Teil / Part 000 Datum / Date Name / Name
Blatt von Sheet of		1/1			
Formel/Size A2					
SW/Vers. 2000					
Benennung / Description		VALVE GROUP PRV 1, 250bar, LAK.HYDRO			
		VENTTIILISTO PRV 1, 250bar, LAK.HYDRO			
		HYDAC HYDAC OY			
		Zeichn.-Nr. Draw.-No.			
		02306472			
		alte Mat.Nr. / Old Mat.No.			
		alte Dok.Nr. / Old Doc.No.			
		Ers. Nr. / Exchange for			
		Ers. durch / Replaced by			

ISOMETRIC:

