Fitted check valve NW 10 to 100

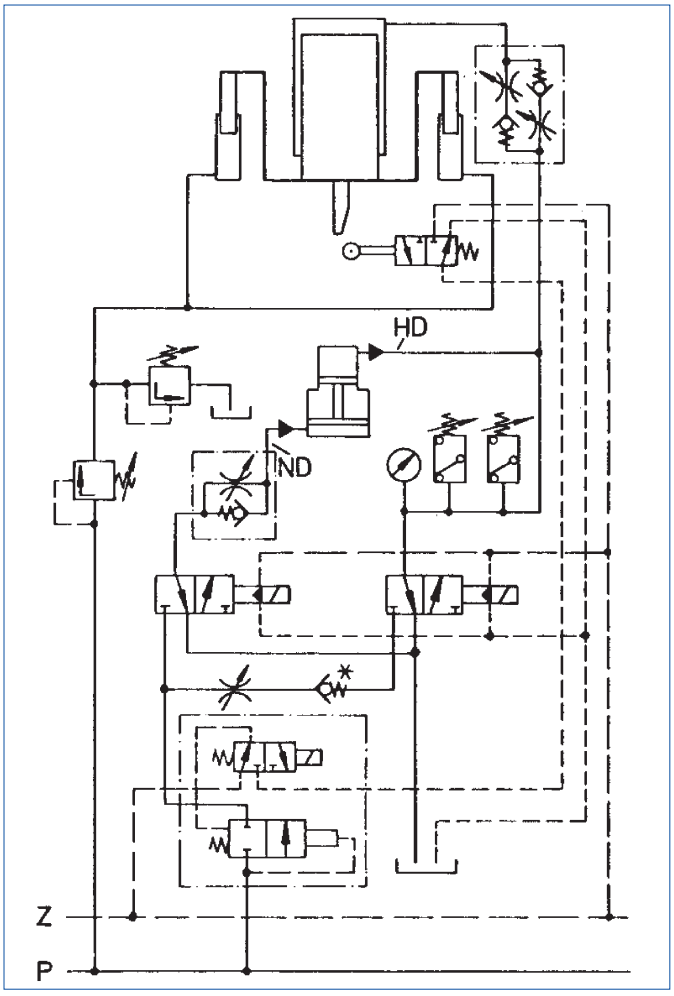
for water and oil max. 320 bar

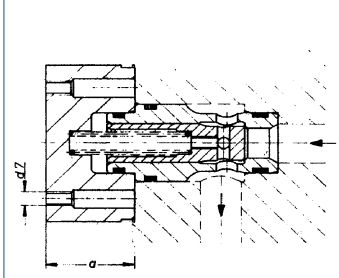
The fitted check valves are cone seat valves. Sealing is effected by pressing together of two metal cones. They were specially developed for water hydraulics. The check valves have a free passage from A to B and seal off in the opposite direction without any leakage. The opening pressure is 1 bar. Working pressure should not exceed 320 bar. However, the check valves are also available for other opening pressures as well as without closing spring. Please state opening pressure required when ordering.

Special features:

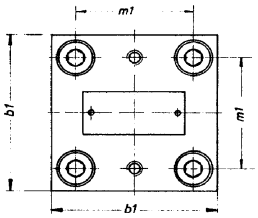
The valve cone as well as the closing spring are fitted in an extremely flow-promoting fitted cartridge. A double guide for the valve cone provides for a perfect seal on the valve seat. The closing spring is chambered such that medium cannot flow through the same. Thus, in the event of any spring fracture occurring it is impossible for debris to enter into the circuit. Check valves of this type are almost insensitive with regard to the high flow speeds occurring in hydraulic press water systems. All wear parts are made of corrosion resistant materials, are easy to access and fast to replace. The mounting position can be freely chosen.

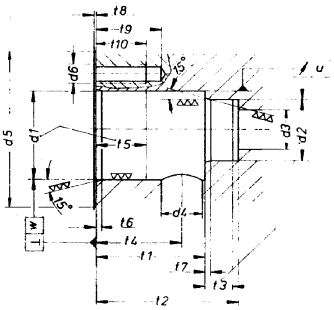
Mounting example:



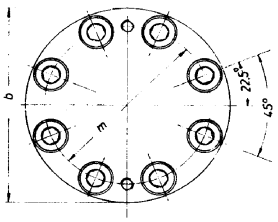


NW 10/8 - 63/50





NW 80/63 - 100/80



Nennweite		10/8		16/12	25/16	32/25	40/32	50/40	63/50
a		30		35	45	50	60	70	100
b1		45		65	85	102	125	140	180
d1 H7		25		32	45	60	75	90	120
d2 H7		18		25	34	45	55	68	90
d3		10		16	25	32	40	50	63
d4	min.	10		16	25	32	40	50	63
	max.								
d5		46		66	86	103	126	141	181
d6		M6		M8	M12	M16	M20	M20	M30
d7						M8	M8	M8	M8
m1	±0,2	30		46	58	70	85	100	125
t1	+0,1 0	31		43	58	70	87	100	130
t2	+0,1 0	43		56	72	85	105	122	155
t3		11		11	12	13	15	17	20
t4	bei d4 min.	25		34	44	52	64	72	95
	bei d4 max.								
t5		20		20	30	30	30	35	40
t6		2		2	2,5	2,5	3	4	4
t7		2		2	2,5	2,5	3	4	4
t8		0,5		0,5	0,5	0,5	0,5	0,5	0,5
t9	max.	18		25	31	42	53	53	75
t10		14		20	25	35	45	45	65
u		0,03		0,03	0,03	0,03	0,05	0,05	0,05
w		0,05		0,05	0,05	0,1	0,1	0,1	0,2

Nennweite		80/63	100/80
a		120	140
b		250	300
d1 H7		145	180
d2 H7		110	135
d3		80	100
d4	min.	80	100
	max.		
d5		252	302
d6		M24	M30
d7		M8	M10
m	±0,3	200	245
t1	+0,2 0	175	210
t2	+0,2 0	205	245
t3		25	29
t4	bei d4 min.	130	155
	bei d4 max.		
t5		40	50
t6		5	5
t7		5	5
t8		0,5	0,5
t9	max.	57	73
t10		50	63
u		0,05	0,05
w		0,2	0,2

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