

Features

- Minimum weight
- Excellent price-performance ratio
- Gate design
- Ready to install

Manual gate valves	Type HSV700
up to 700 bar	up to 25 l/min



Applications

For single and double-acting systems, for direct installation onto hydraulic power units.

Technical Data

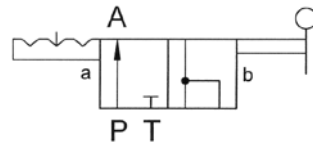
Hydraulic fluid	mineral oil according to DIN 51524 (other fluids upon request)
Fluid temperature range	NBR: -30 to 80 °C FPM: -20 to 80 °C
Ambient temperature range	-30 to 50 °C
Viscosity range	5 to 400 mm ² /s
Porting	Installation in inline systems: 3/8"-NPT (A, B, P, T) Plate arrangements: NG 6 to DIN 24340 / ISO 4401 / CETOP RP 121 H
Operating pressure max. connection P, A, B	700 bar
Operating pressure max. connection T	70 bar
Flow rate max.	25 l/min
Filtration	according to NAS 1638, class 6 or ISO/DIN 4406 15/12
Weight	1,4 kg
Materials / surface finish	body: anodised aluminium handle: plastic

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Function

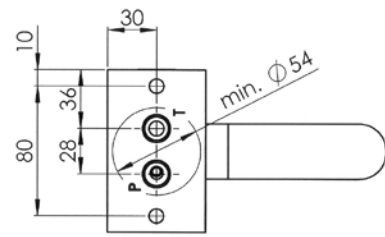
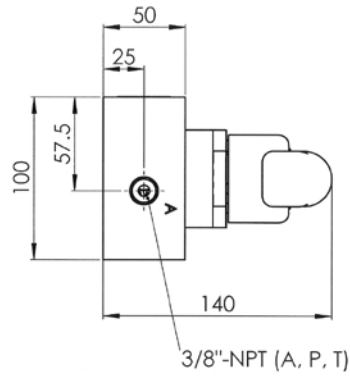
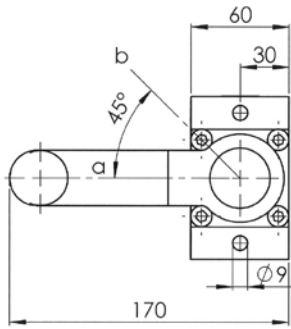
3/2 - Q

Manual-operated detent HR



AS

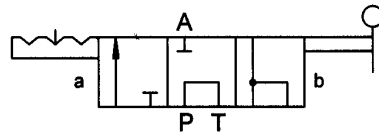
A



Function

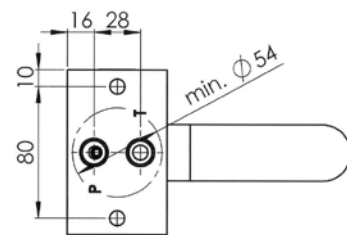
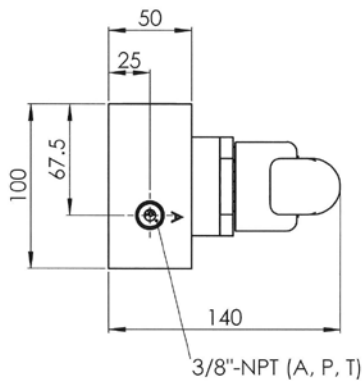
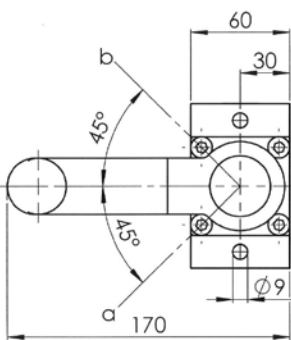
3/3 - G

Manual-operated detent HR



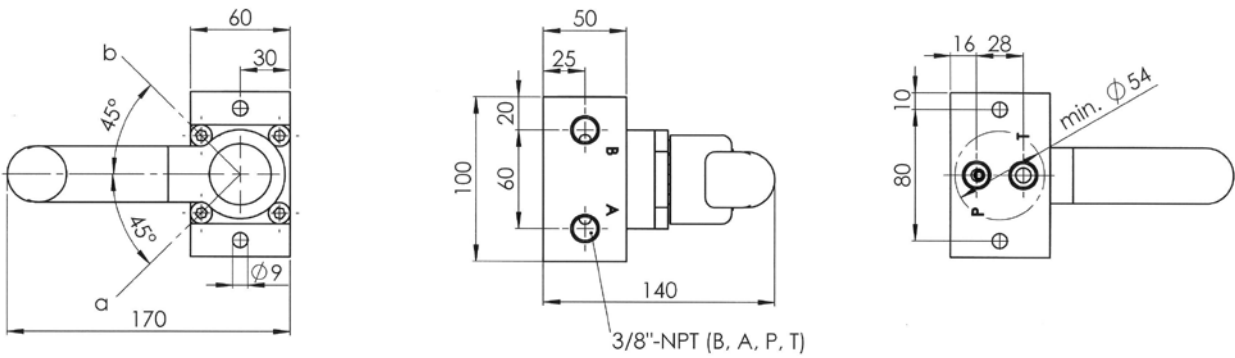
AS

A

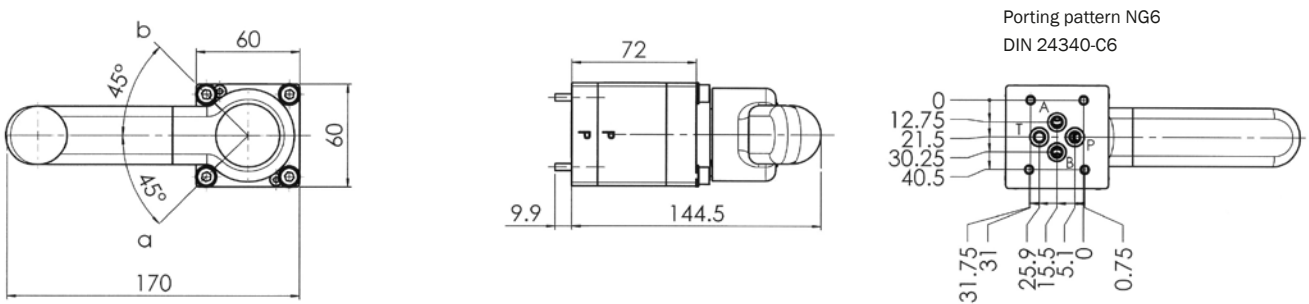


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Function	Manual-operated detent HR	AS
4/3-H		A
4/3-E		A
4/3-U		A



Function	Manual-operated detent HR	AS
4/3-HC		A
4/3-EC		A
4/3-UC		A



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Ordering code: Example

HSV	700	-	6	-	4	/	3	-	U	-	HR	-	P	-			00
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Manual gate valve

Type HSV700

Size 6

Ports 3,4

Positions 2, 3

Functions see type tables

Operating mode HR manual-operated, detent

Seals P (NBR)
 V (FPM)

Special design01 ... 99
(00 for standard)**Part index**Please leave it blank
(small letters a-z; different letters do not effect interchangeability)**Design revision (AS)**see type tables
(capital letters A-Z; identical letters mean connection and installation dimensions are unchanged)

As we are constantly improving our products, we keep us the right to change the technical specifications without prior notice.

HSV700-EN-0608

Bieri Hydraulik AG
Könizstrasse 274
CH-3097 Liebefeld/Switzerland
Tel. +41 31 970 09 09
Fax +41 31 970 09 10
sales@bierihydraulics.com

BIERI
SWISS HYDRAULICS