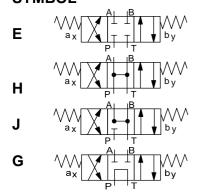


INTERNATIONAL



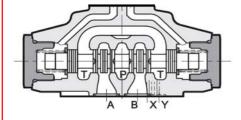
4/3-Directional control valve
Hydraulically operated
Optional with diversion plate,
or pilot valve
4WH E 16

SYMBOL



up to 320 bar up to 300 l/min

FUNCTION



FEATURES

- Pattern according to DIN 24340, ISO 4401
- Hydraulically operated directional valve
- Electro-hydraulically operated by pilot valve NW6 or hydraulically operated with diversion plate
- Flows up to 300l/min
- Internal or external ported pilot supply and drain line selectable by internal plug setting
- Attention: Pilot valve, diversion plate and fixing screws are not in the scope of delivery

SPECIFICATIONS

Fluids:

Operating pressure: max. 320 bar

Flow rate symbols E, H, J: max. 300 l/min at 320 bar Symbol G: max. 150 l/min at 320 bar

(300 l/min at 60 bar) ot pressure: min. 12 up to max. 280 bar

Pilot pressure: min. 12 up to max. 280 Pressure on T line: max. 140 bar

(with internal drain)
Pressure on T line: max. 250 bar

(with external drain)

DIN 51524 part 1 and 2

Media operating temp. range: -20°C up to max. +80°C

Ambient temp. range: -20°C up to max. +50°C
Viscosity range: 10 – 400 mm²/s is recommended
Filtration: Class 20/18/15 according to ISO 4406

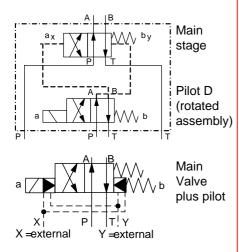
Weight: Class 20/18/15 according to ISO 4406

Weight: 6,6 kg without pilot valve and diversion plate

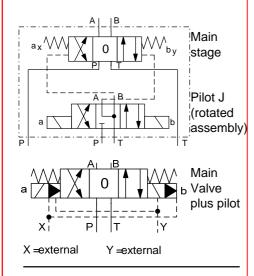
Hydraulic oil according to

Example for assembled pilot valve

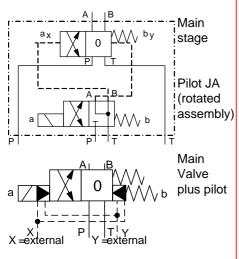
4/2 directional valve with spring offset Type 4WEH 10, 16



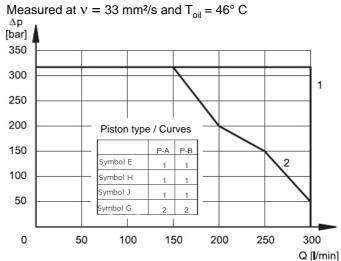
4/3 directional valve spring centered Type 4WEH 10, 16

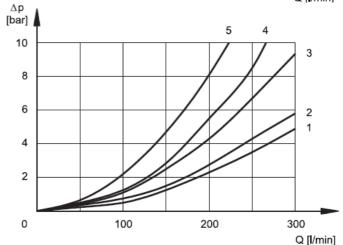


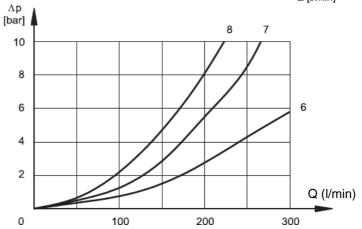
4/2 directional valve with spring offset Type 4WEH 10, 16



PERFORMANCE







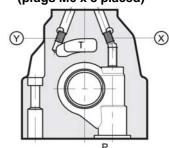
	Loss - switched valve				
Piston	P-A	P-B	A-T	B-T	
1 101011	Curves				
E	1	1	3	4	
Н	1	1	4	4	
J	1	1	4	4	
G	2	2	4	E	

Valve type		Plug setting X Y		
	Internal pilot supply and external drain	no plug	plug	
I	Internal pilot supply and drain	no plug	no plug	
	external pilot supply and drain	plug	plug	
EI	external pilot supply and	plug	no plug	

internal drain

	Loss -valve in central position						
Piston	P-A	P-B	A-T	В-Т	P-T		
1130011	Curves						
H					6		
J			7	7			
G					7		

Sectional View (plugs M6 x 8 placed)

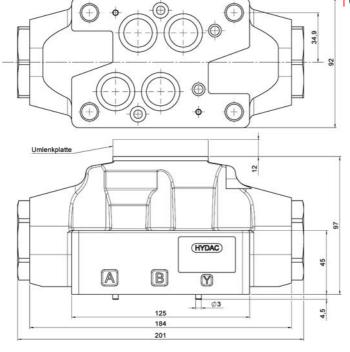


Standard models Part-no. 4WH E 16 E S01 /V 6079049 4WH E 16 H S01 /V 3571991 4WH E 16 J S01 /V 6079050 4WH E 16 G S01 /V 6083975 Other models on request

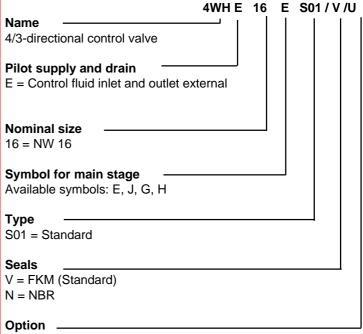
Diversion plates (see accessory equipment)

UP-6-PATB-S01/1/V 3581661 UP-6-PBTA-S01/1/V 3581663

DIMENSIONS (with diversion plate)



MODEL CODE



U = with diversion plate PATB and Mounting screws Omission = without diversion plate (Standard)

Mounting Screws: 4x M10 x 60 DIN 912

2x M6 x 50 DIN 912

Torque: M10 x 60: 67 + 3 Nm for 12.9 or 40 Nm for 8.8

M6 x 50: 14 + 2 Nm for 12.9 or 8 Nm for 8.8

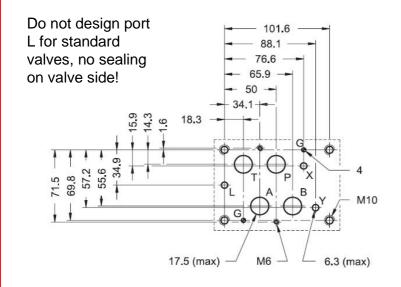
Seals: 4x 22,22 x 2,62 - 90 Sh

2x 10,82 x 1,78 - 90 Sh

All dimensions in mm.

Plugs and fastening screws are not in the scope of supply.

HOLE Pattern according to ISO 4401-07



Annotation

The technical information in this brochure are relating to the operating conditions and applications. At deviant applications and/or operating conditions please contact the technical dept.

Technical information are subject to technical modifications.

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