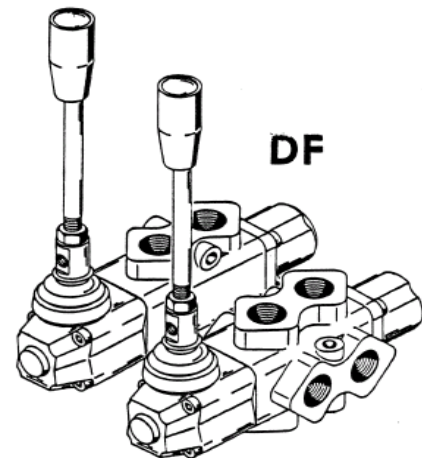
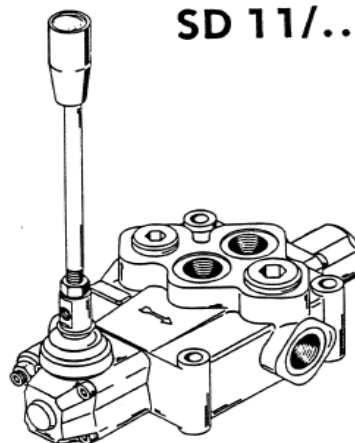
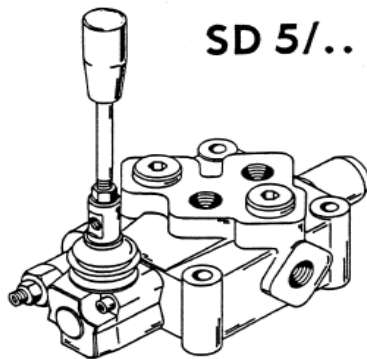


SD5/SD11/DF



Bestel code

SD5

/

2

38

/

111

/

38

AET

Monobloc uitvoering:
SD4 SD5/.. SD11/.. SD18/..

Compositiebloc uitvoering:
SD6/.. SD10/.. SD16/.. SD20/..

Aantal elementen:

code elementen:
gezien vanaf de zijde van het overdrukventiel

Code element - nr: 1 = 38
Schakelschema 3, Schuiftipe 8.

Code element - nr: 2 = 111
Schakelschema 1, Schuiftipe 11.

Code element - nr: 3 = 38
Schakelschema 3, Schuiftipe 8.

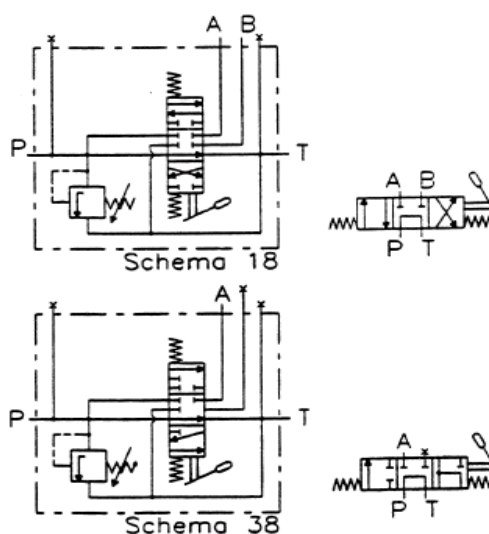
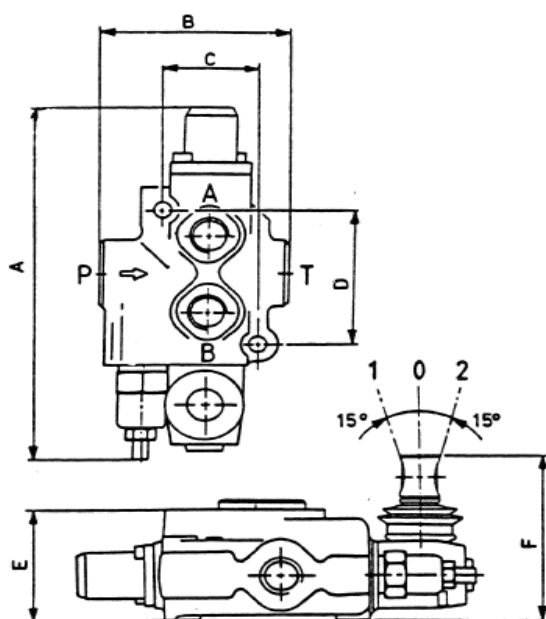
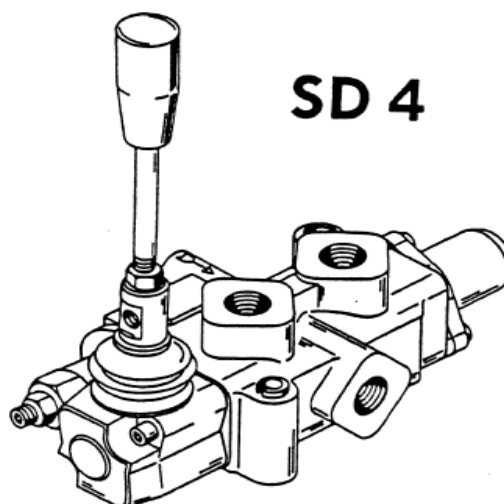
Drukdoorvoer

SD4

Stuurschuif

Monobloc uitvoering:

Voorzien van drukbegrenzingsventiel.
Leverbaar in 2 schakelschema's.
Diverse schuifbedieningen.
Kleine buitenafmetingen.
Exclusief handel.



Technische gegevens

Aansluiting 3/8" Gas

Max. retourdruk: 180 bar

Standaard bereik drukbegrenzingsventiel: 50-220 bar

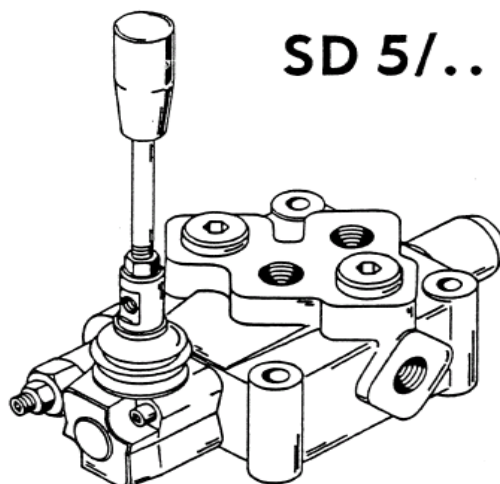
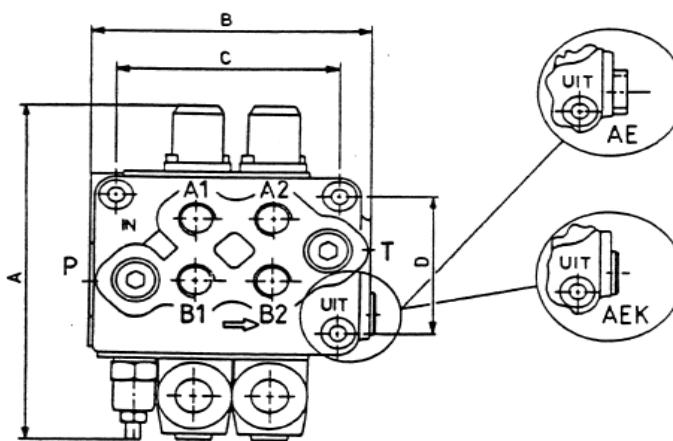
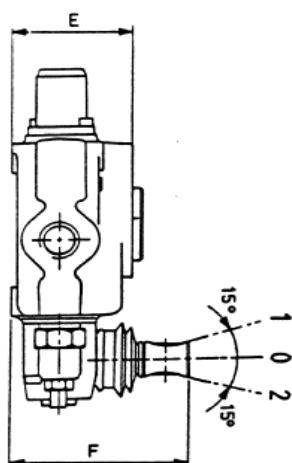
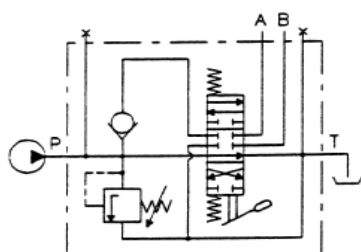
Afwijkende drukbereiken zijn ook leverbaar: 0-40, 20-80, 180-400 bar

Type	Flow l/min.	Bar	A	B	C	D	E	F
SD4/1	45	250	182	93	46	70	55	86

SD5 Stuurschuif

Monobloc uitvoering:

Voorzien van drukbegrenzingsventiel.
Diverse schuifbedieningen.
Terugslagklep aan invoerzijde
Kleine buitenafmetingen.
Exclusief handel.



Technische gegevens

Aansluiting 3/8"Gas

Max. retourdruk: 180 bar

Standaard bereik drukbegrenzingsventiel: 50-220 bar

Afwijkende drukbereiken zijn ook leverbaar: 0-40, 20-80, 180-400 bar

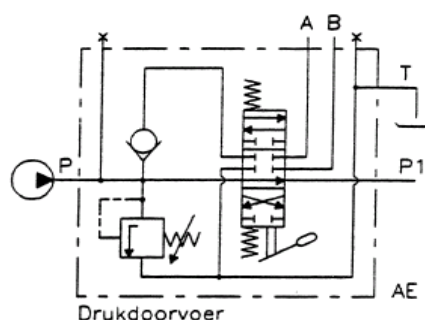
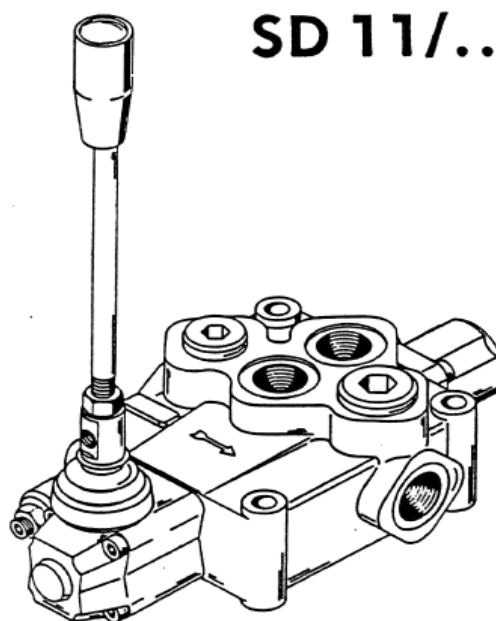
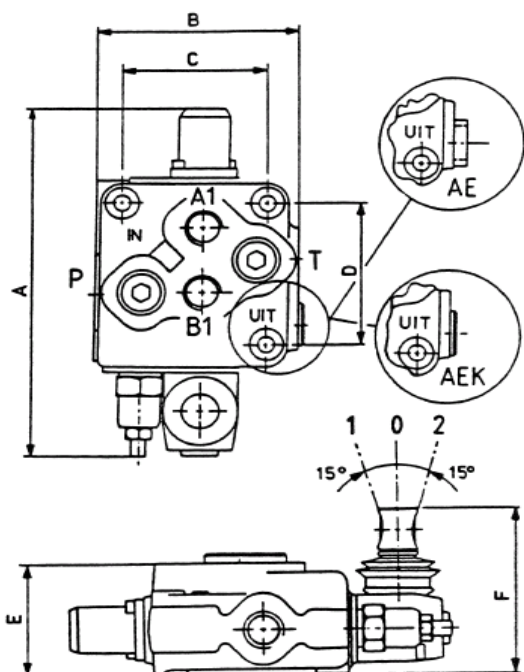
Type	Flow l/min.	Bar	A	B	C	D	E	F
SD5/1	45	400	185	101	73	81	64	90
SD5/2	45	400		138	110			
SD5/3	40	350		175	147			
SD5/4	40	350		212	184			
SD5/5	35	320		249	221			
SD5/6	35	300		286	258			

SD11

Stuurschuif

Monobloc uitvoering:

Voorzien van drukbegrenzingsventiel.
Terugslagklep aan invoerzijde.



Technische gegevens

Aansluiting 1/2" Gas (poort P-A-B).

Retour aansluiting 3/4" Gas (poort T).

Max. retourdruk: 80 bar

Standaard bereik drukbegrenzingsventiel: 50-220 bar

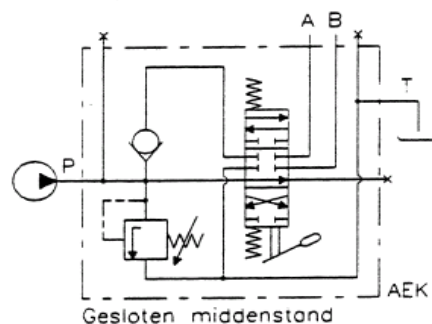
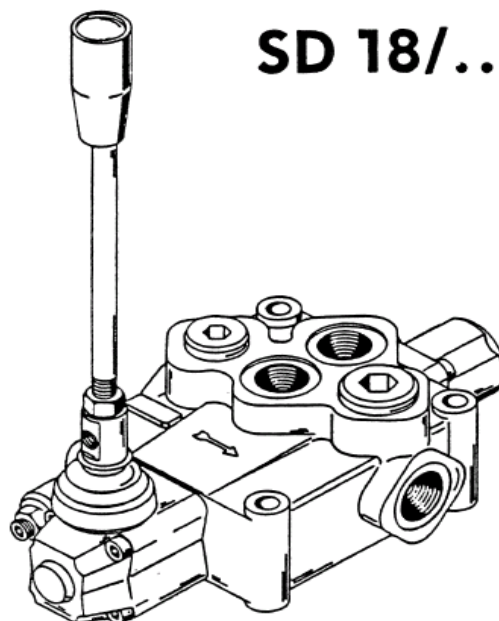
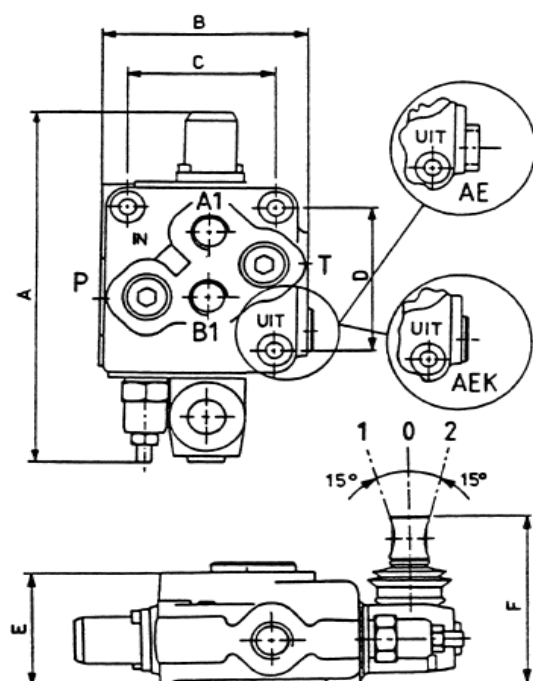
Afwijkende drukbereiken zijn ook leverbaar: 0-40, 20-80, 180-400 bar

Type	Flow l/min.	Bar	A	B	C	D	E	F
SD11/1	65	350	244	129	100	103	72	103
SD11/2	65	320		174	145			
SD11/3	60	300		219	190			
SD11/4	55	250		264	235			
SD11/5	50	250		309	280			
SD11/6	50	250		354	325			

SD18 Stuurschuif

Monobloc uitvoering:

Voorzien van drukbegrenzingsventiel.
Terugslagklep aan invoerzijde.



Technische gegevens

Aansluiting 3/4"Gas (poort P-A-B).

Retour aansluiting 1"Gas (poort T).

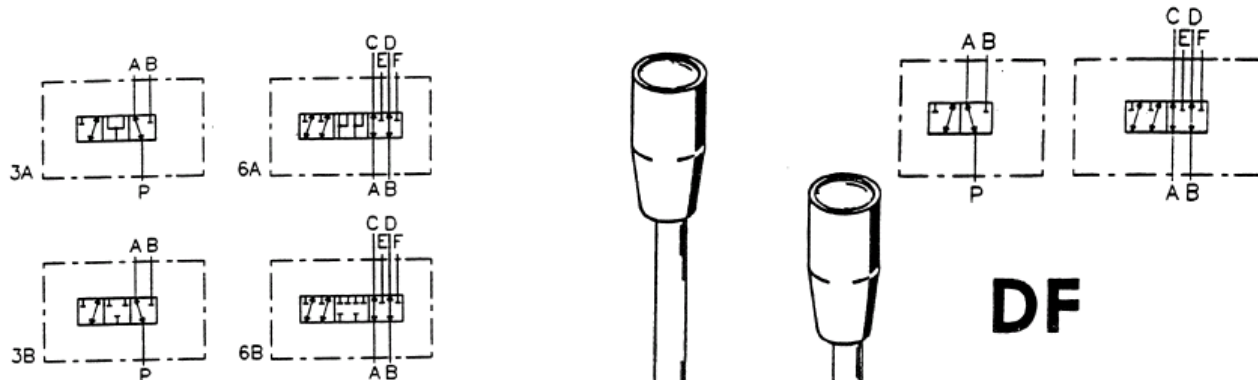
Max. retourdruk: 70 bar.

Standaard bereik drukbegrenzingsventiel: 50-220 bar

Afwijkende drukbereiken zijn ook leverbaar: 0-40, 20-80, 180-400 bar

Type	Flow l/min.	Bar	A	B	C	D	E	F
SD18/1	120	350	320	161	129	152	91	124
SD18/2	110	320		212	182			
SD18/3	105	300		265	235			
SD18/4	100	250		318	288			
SD18/5	95	250		371	341			
SD18/6	90	250		424	394			

DF Stuurschuif



DF

Technische gegevens:

Type	Flow l/min.	max. bar	Aansl.
DF5	60	350	3/8"G
DF10	90	350	1/2"G
DF20	140	350	3/4"G
DF25	220	350	1" G

3/2- Schuiven

Type	Omschrijving
DF5/3A12L	arr. Pos. 1 en 2, exclusief handel
DF5/3B12L	arr. Pos. 1 en 2, exclusief handel
DF5/3A18L	veerret. Pos. 2, exclusief handel

DF10/3A12L	arr. Pos. 1 en 2, exclusief handel
DF10/3B12L	arr. Pos. 1 en 2, exclusief handel

DF20/3A12L	arr. Pos. 1 en 2, exclusief handel
DF20/3B12L	arr. Pos. 1 en 2, exclusief handel

DF25/3A12L	arr. Pos. 1 en 2, exclusief handel
DF25/3B12L	arr. Pos. 1 en 2, exclusief handel

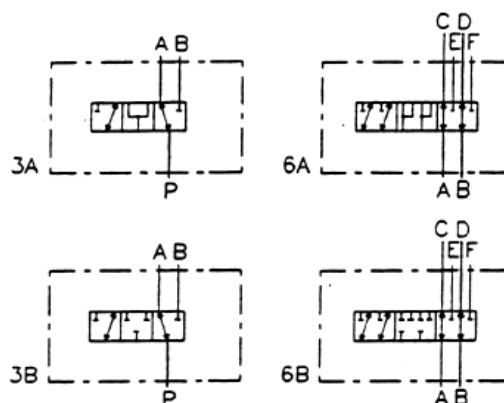
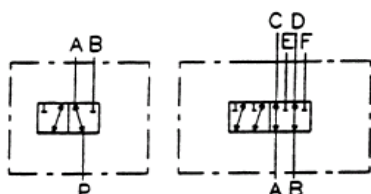
6/2- Schuiven

Type	Omschrijving
DF5/6A12L	arr. Pos. 1 en 2, exclusief hand
DF5/6B12L	arr. Pos. 1 en 2, exclusief hand

DF10/6A12L	arr. Pos. 1 en 2, exclusief hand
DF10/6B12L	arr. Pos. 1 en 2, exclusief hand

DF20/6A12L	arr. Pos. 1 en 2, exclusief hand
DF20/6AB12L	arr. Pos. 1 en 2, exclusief hand

DFE Stuurschuif



Technische gegevens

Type	Flow l/min.	max.	Aansl.
DFE 5ES	30	160	3/8" Gas
DFE10ES	60	160	1/2" Gas
DFE20ES	100	160	3/4" Gas

3/2- schuiven

Type*	Omschrijving
DFE 5/3A18ES	open / schakelen
DFE 5/3B18ES	gesloten / schakelen

DFE10/3A18ES	open / schakelen
DFE10/3B18ES	gesloten / schakelen

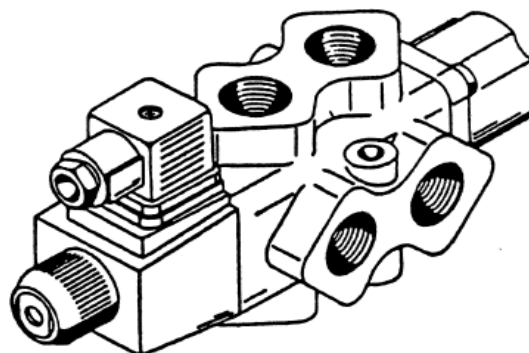
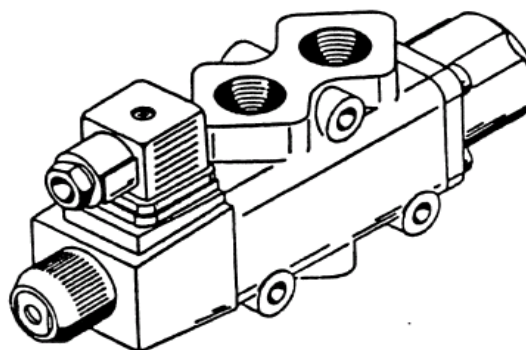
DFE20/3A18ES	open / schakelen
DFE20/3B18ES	gesloten / schakelen

6/2- schuiven

Type*	Omschrijving
DFE 5/6B18ES	gesloten / schakelen
DFE10/6B18ES	gesloten / schakelen

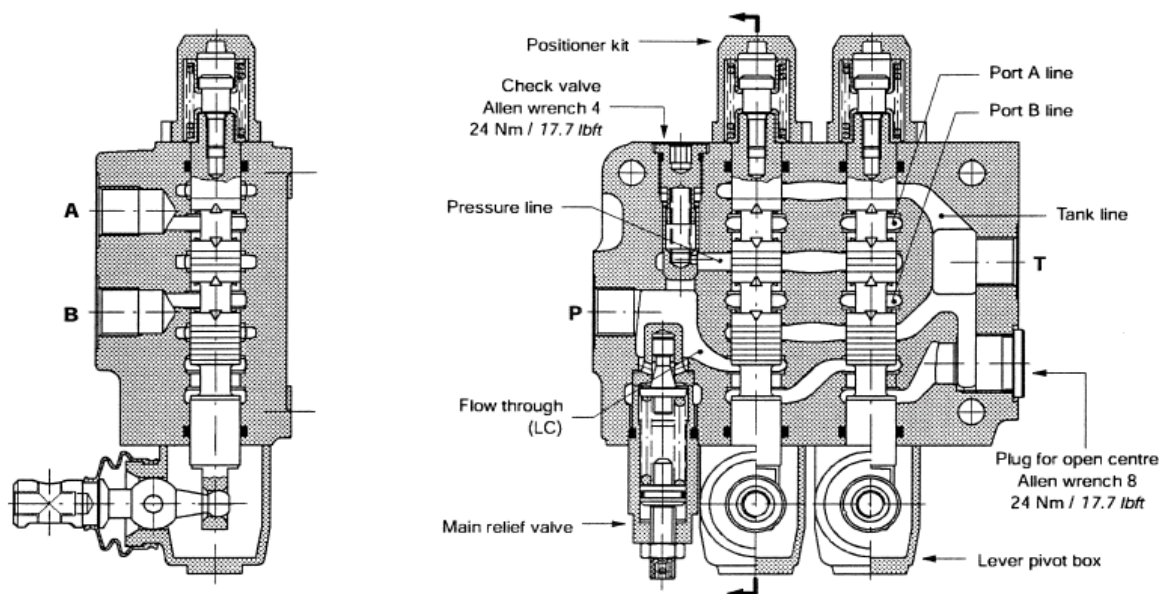
* Bij bestelling gewenste spoelspanning opgeven.
12 VDC
24 VDC

DFE

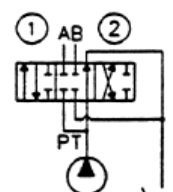


Schakelschema

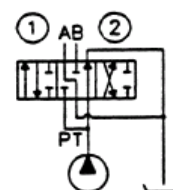
Schakelschema's



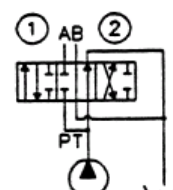
- 1** Dubbelwerkend
In ruststand A - B gesloten.
3 standen



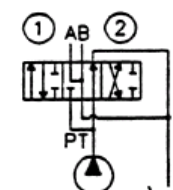
- 1A** Dubbelwerkend
In ruststand A verbonden met tank.
3 standen



- 1B** Dubbelwerkend
In ruststand B verbonden met tank.
3 standen



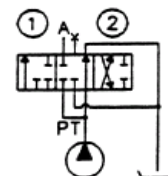
- 2** Dubbelwerkend
In ruststand A - B verbonden met tank.
3 standen



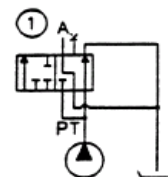
Schakelschema

Schakelschema's

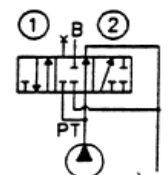
- 3** Enkelwerkend op poort A.
In de ruststand A gesloten.
3 standen



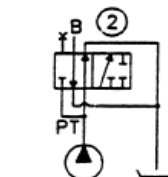
- 3A** Enkelwerkend op poort A.
In ruststand A verbonden met tank.
2 standen



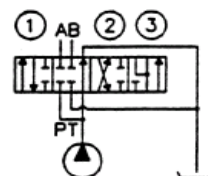
- 4** Enkelwerkend op poort B.
In ruststand B verbonden met tank.
3 standen



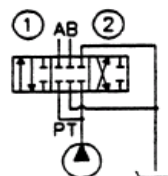
- 4B** Enkelwerkend op poort B.
In ruststand B verbonden met tank.
2 standen



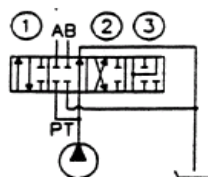
- 5*** Dubbelwerkend
In stand 3: A - B verbonden met tank*(behalve SD 10 in stand 3: A - B - P - T verbonden).
4 standen



- 6** Dubbelwerkend
In ruststand alle poorten gesloten (AEK).
3 standen

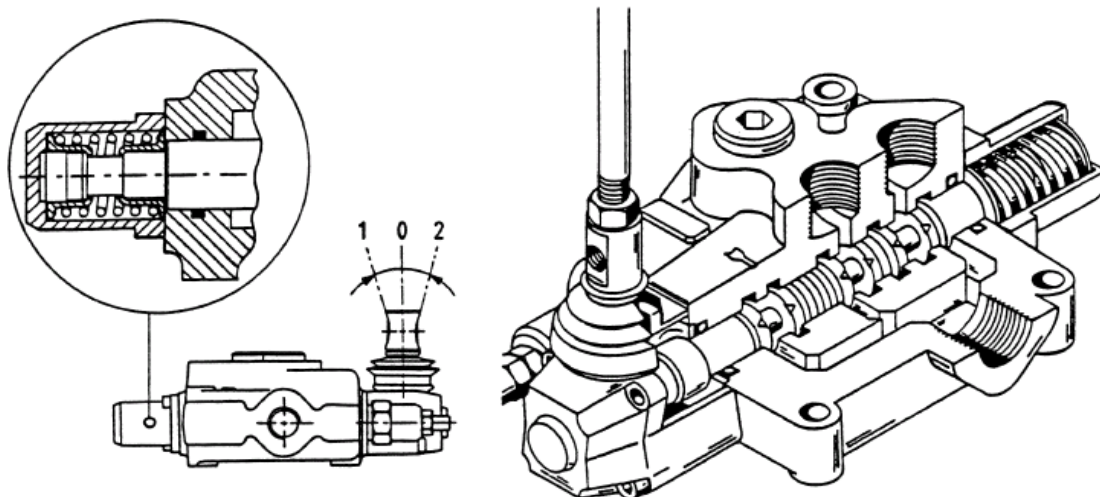


- 8*** Dubbelwerkend
In ruststand A - B gesloten.
In stand 3: ijlgangschakeling A - B - P verbonden.
4 standen



* Niet om te bouwen d.m.v. plunjer hiervoor is een speciaal huis nodig.

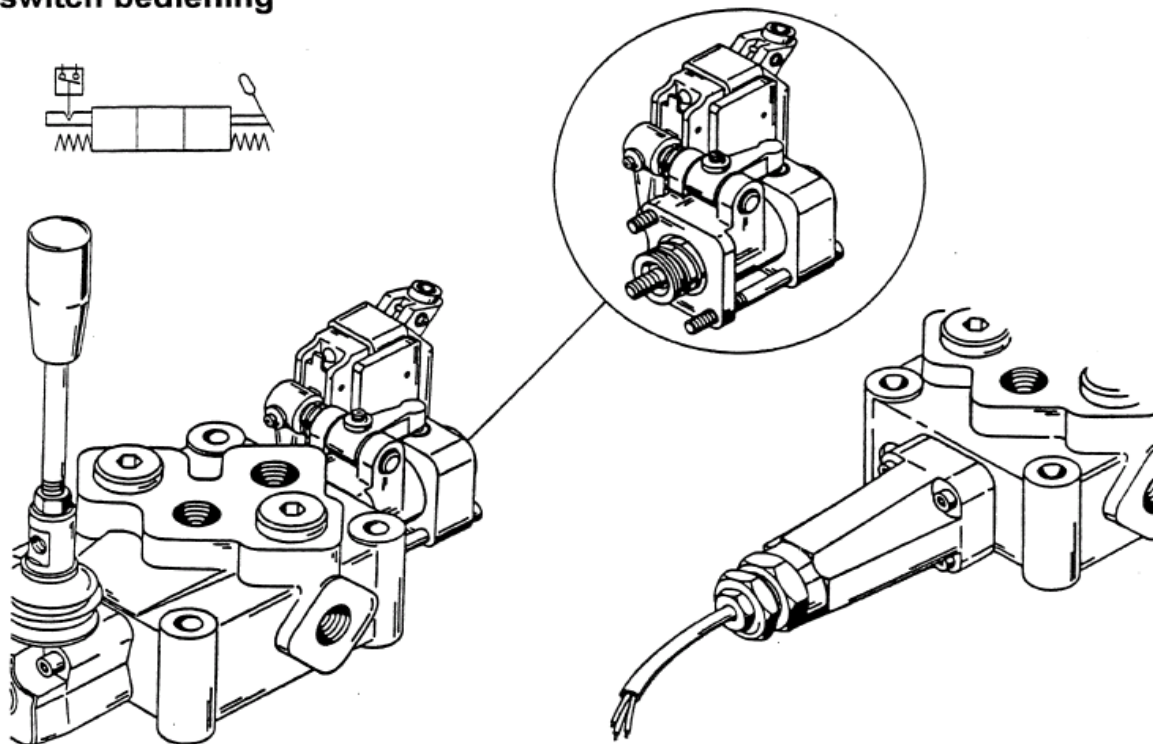
Schuifbediening (A-POORTZIJDE).



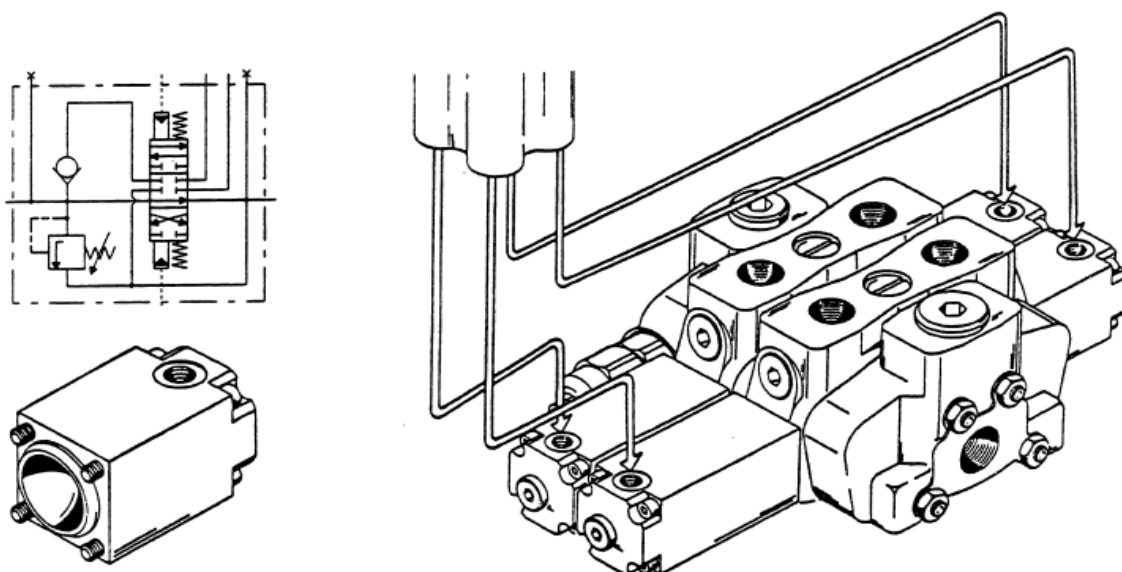
Type	Omschrijving	Schema
8	Veerretour in positie 0	
9	Arretering in positie 1	
10	Arretering in positie 2	
11	Arretering in 3 posities	
12	Arretering in positie 1 en 2	
13	Arretering in positie 3	
14	Arretering in 4 posities	
15	Arretering in positie 1 en 0	
16	Arretering in positie 2 en 0	
17	Veerretour in positie 1	
18	Veerretour in positie 2	

De stuurschuiven kunnen worden voorzien van diverse schuifbedieningen en opbouw functies waarvan hier een beperkt aantal genoemd.

Microswitch bediening



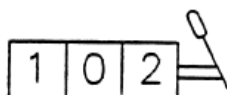
Pneumatisch- of hydraulisch bekrachtigd.



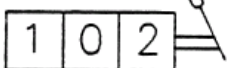
Schuifbedieningen (B-poortzijde).

Type	Omschrijving	Schema
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L	Standaard handelkap.	
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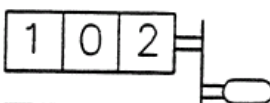
LE	Handelkap met arretering.	
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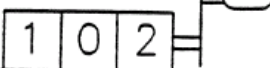
SL	Kap t.b.v. stang met vork.	
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TC	Bowden-kabelbediening.	
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LC	Joystick Kruisbediening (x as).	
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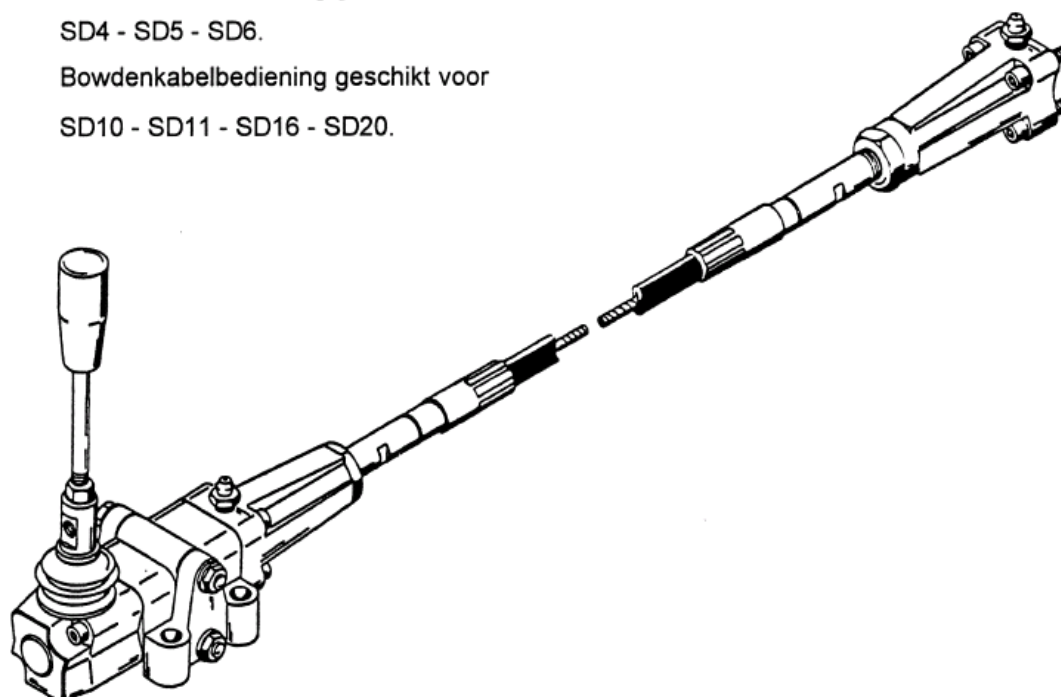
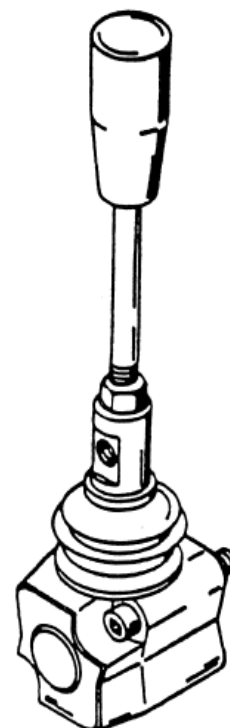
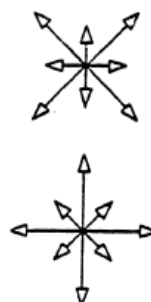


LCB	Joystick Kruisbediening (+ as).	
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TC 5	Bowdenkabelbediening geschikt voor SD4 - SD5 - SD6.	
------	--	--

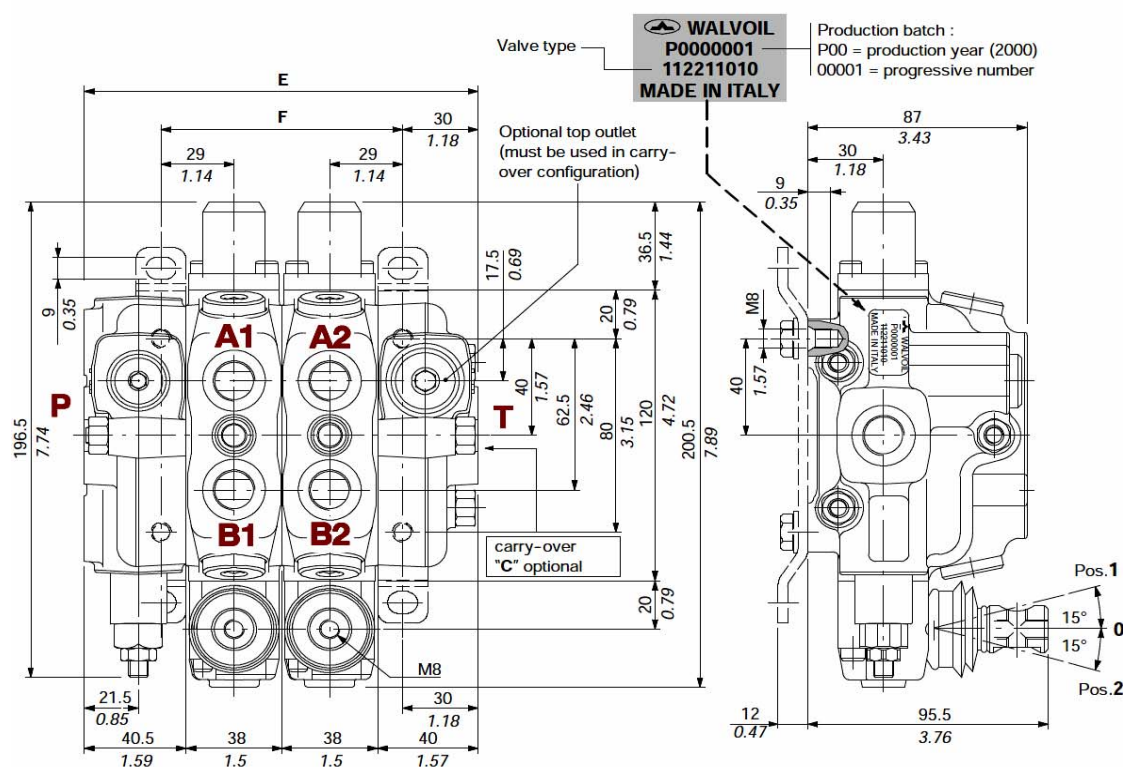
TC10	Bowdenkabelbediening geschikt voor SD10 - SD11 - SD16 - SD20.	
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SD6

Stuurschuif (sectieblok),

- mogelijkheid uit te breiden tot 12 secties
- nominale flow 45 l/min
- maximale werkdruk parallel 315 bar, serie 210 bar
- maximale druk op retour 25 bar
- maximale temperatuur bij NBR -20 tot 100 °C



TYPE	E		F		Weight	
	mm	in	mm	in	kg	lb
SD6/1	118.5	4.66	58	2.28	5.3	11.7
SD6/2	156.5	6.16	96	3.78	7.6	16.6
SD6/3	194.5	7.66	134	5.28	9.9	21.8
SD6/4	232.5	9.15	172	6.77	12.2	26.9
SD6/5	270.5	10.65	210	8.27	14.8	32.6
SD6/6	308.5	12.15	248	9.76	17.1	37.7

TYPE	E		F		Weight	
	mm	in	mm	in	kg	lb
SD6/7	346.5	13.65	286	11.26	19.4	42.8
SD6/8	384.5	15.15	324	12.76	21.7	47.9
SD6/9	422.5	16.65	362	14.26	24	53
SD6/10	460.5	18.15	400	15.76	26.3	58.1
SD6/11	498.5	19.65	438	17.26	28.6	63.2
SD6/12	536.5	21.15	476	18.76	30.9	68.3

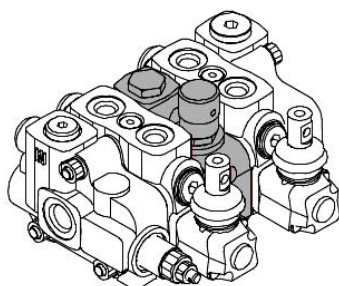
Standard threads

PORT	BSP (ISO 228/1)	UN-UNF (ISO 11926-1)	METRIC (ISO 262)
Inlet P	G 3/8	3/4-16 UNF-2B (SAE 8)	M18x1.5
A and B ports	G 3/8	9/16-18 UNF-2B (SAE 6)	M18x1.5
Outlet T and carry-over C	G 1/2	3/4-16 UNF-2B (SAE 8)	M22x1.5
PILOT PORTS			
Hydraulic	G 1/4	9/16-18 UNF-2B (SAE 6)	G 1/4
Pneumatic	NPTF 1/8-27	NPTF 1/8-27	NPTF 1/8-27

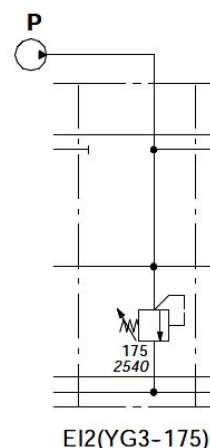
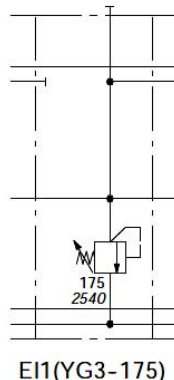
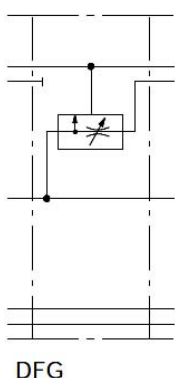
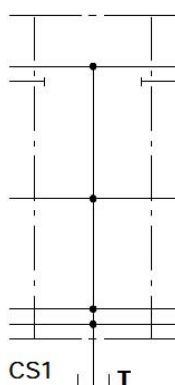
SD6

Stuurschuif (sectieblok),

Mogelijke werksecties



TYPE	CODE	DESCRIPTION
CS1	612400010	Mid return manifold section
DFG	612410030	Pressure compensated flow regulator section
EI1(YG3)	612421130	Secondary direct pressure relief valve
EI2(YG3)	612421135	Mid inlet with secondary direct pressure relief valve



Mogelijke poortveiligheden

Anti-shock valve

P(G2-63)	5KIT206112	From 40 to 80 bar / from 580 to 1150 psi standard setting 63 bar / 900 psi
P(G3-100)	5KIT206113	From 63 to 200 bar / from 900 to 2900 psi standard setting 100 bar / 1450 psi
P(G4-200)	5KIT206114	From 160 to 315 bar / from 2300 to 4600 psi standard setting 200 bar / 2900 psi

Anti-shock and anti-cavitation valve

U(G2-63)	5KIT306112	From 63 to 125 bar / from 900 to 1800 psi standard setting 63 bar / 900 psi
U(G3-100)	5KIT306113	From 100 to 250 bar / from 1450 to 3600 psi standard setting 100 bar / 1450 psi
U(G4-200)	5KIT306114	From 200 to 315 bar / from 2900 to 4600 psi standard setting 200 bar / 2900 psi

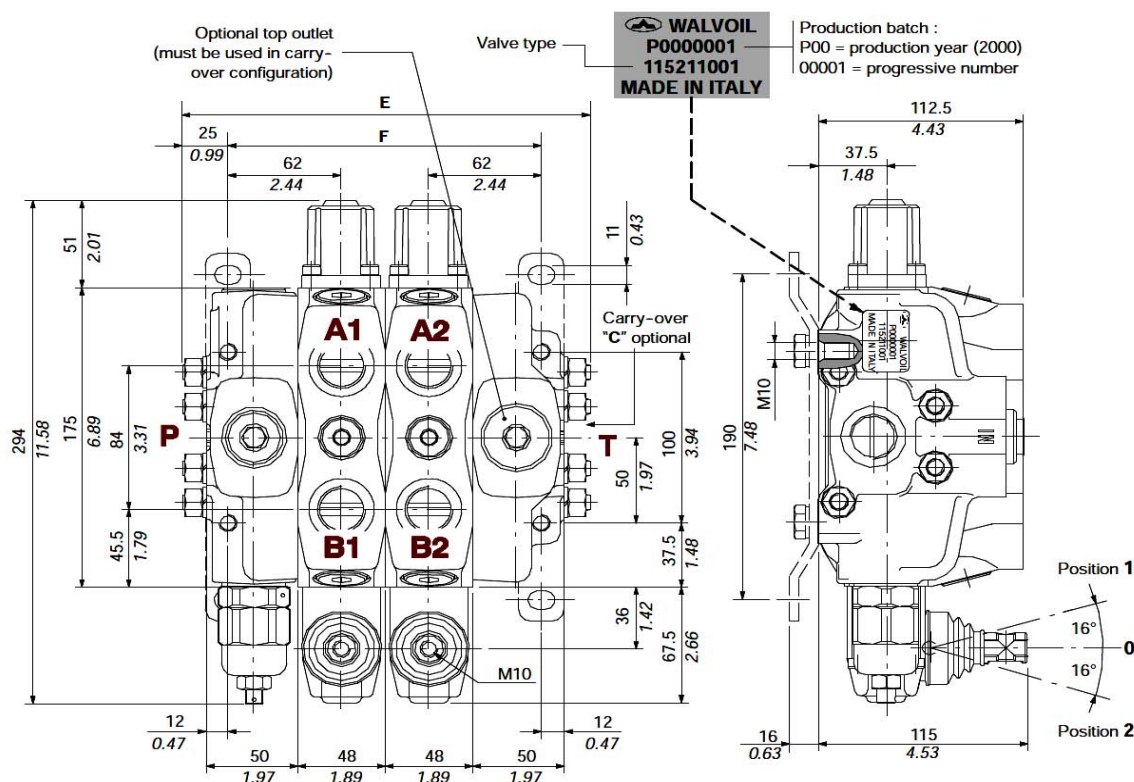
Standard setting is referred to 10 l/min flow.

C	5KIT406100	Anti-cavitation
P3T	XTAP524280	A and B ports valve blanking plugs

SD16

Stuurschuif (sectieblok),

- mogelijkheid uit te breiden tot 12 secties
- nominale flow 140 l/min
- maximale werkdruk parallel 315 bar, serie 210 bar
- maximale druk op retour 25 bar
- maximale temperatuur bij NBR -20 tot 100 °C



TYPE	E		F		Weight	
	mm	in	mm	in	kg	lb
SD16/1	176	6.63	124	4.88	13	28.7
SD16/2	224	8.82	172	6.77	19	41.9
SD16/3	272	10.71	220	8.66	24.9	54.9
SD16/4	320	12.60	268	10.55	30.9	68.1
SD16/5	368	14.49	316	12.44	36.8	81.1
SD16/6	416	16.38	364	14.33	42.8	94.4

TYPE	E		F		Weight	
	mm	in	mm	in	kg	lb
SD16/7	464	18.27	412	16.22	48.7	107.7
SD16/8	512	20.16	460	18.11	54.6	121
SD16/9	560	22.05	508	20	60.5	134.3
SD16/10	608	23.94	556	21.89	66.4	147.6
SD16/11	656	25.83	604	23.78	72.3	160.9
SD16/12	704	27.72	652	25.67	78.2	174.2

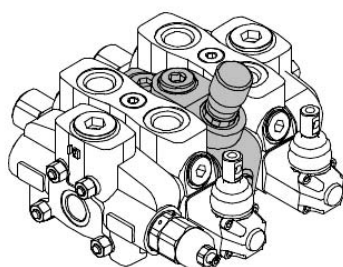
Standard threads

PORTS	BSP (ISO 228/1)	UN-UNF (ISO 11926-1)
Inlet P	G 3/4	1 5/16-12 UN-2B (SAE 16)
A and B ports	G 3/4	1 1/16-12 UN-2B (SAE 12)
Outlet T and carry-over C	G 1	1 5/16-12 UN-2B (SAE 16)
PILOT PORTS		
Hydraulic	G 1/4	9/16-18 UNF-2B (SAE 6)
Pneumatic	NPTF 1/8-27	NPTF 1/8-27

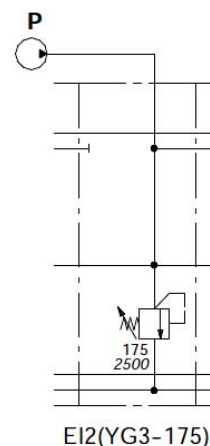
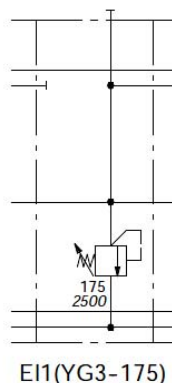
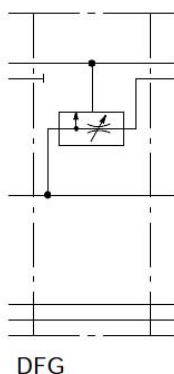
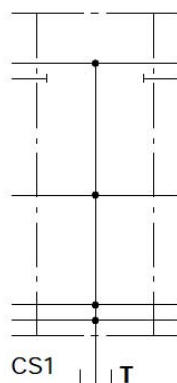
SD16

Stuurschuif (sectieblok),

Mogelijke werksecties



TYPE	CODE	DESCRIPTION
CS1	615401010	Mid return manifold section
DFG	615411020	Pressure compensated flow divider section
EI1(YG3)	615421010	Secondary direct operated pressure relief valve
EI2(YG3)	615421015	Mid inlet with secondary direct operated pressure relief valve



Mogelijke poortveiligheden

Anti-shock valve

P(G2-63)	XCAR216115	Range 63 to 125 bar / from 900 to 1800 psi standard setting 63 bar / 900 psi
P(G3-100)	XCAR216116	Range 100 to 250 bar / from 1450 to 3600 psi standard setting 100 bar / 1450 psi
P(G4-200)	XCAR216117	Range 200 to 315 bar / from 2900 to 4600 psi standard setting 200 bar / 290 psi

Anti-shock and anti-cavitation valve

U(G2-63)	XCAR316112	Range 63 to 125 bar / from 900 to 1800 psi standard setting 63 bar / 900 psi
U(G3-100)	XCAR316113	Range 100 to 250 bar / from 1450 to 3600 psi standard setting 100 bar / 1450 psi
U(G4-200)	XCAR316114	Range 200 to 315 bar / from 2900 to 4600 psi standard setting 200 bar / 2900 psi

Standard setting is referred to 10 l/min flow.

C	3XCAR416100	Anti-cavitation
P3T	3XTAP528360	A and B ports valve blanking plugs

SDM105

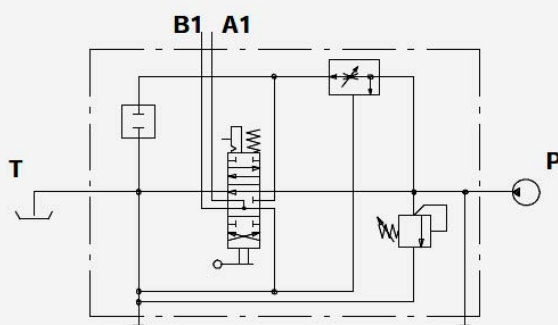
Stuurschuif met 3weg stroomregelklep

Mogelijk tot 6 secties

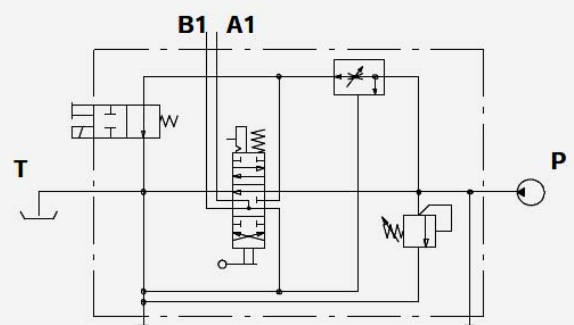


Nominal flow rating	45 l/min
Max. regulated flow	40 l/min
Operating pressure	315 bar (4600 psi)
Max backpressure on outlet port T	25 bar (360 psi)
Internal leakage	3 cm ³ /min (0.2 in ³ /min) (A/B→T, with 100 bar / 1450 psi)
Hydraulic fluid	mineral base oil
Viscosity	-12 to 400 mm ² /s (cSt)
Max level of fluid contamination	19/16-ISO4406
Fluid temperature	from -20° to 80° C
Ambient temperature	from -30° to 60° C

Hydraulisch schema



Senza valvola di messa a scarico
Less exhaust valve



Con valvola di messa a scarico
With exhaust valve

SDM105

Stuurschuif met 3weg stroomregelklep

Mogelijk tot 6 secties



Bestelgegevens

SDM105/1(JG3-175) M / 2 10 L / EL-12VDC

numero di sezioni 1
sections number .. 6

tensione bobina (12 - 24 Vdc)
coil voltage (12 - 24 Vdc)

valvola di sovrappressione diretta tarata a 175 bar

JG3-175

main relief direct operated valve set to 2540 psi

senza valvola di sovrappressione

SV

less main relief valve

LT senza valvola di messa a scarico
less exhaust valve

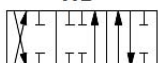
EL con valvola di messa a scarico
with exhaust valve

L con leva
with lever

SLP . . . senza leva con piastrina
less lever with dust cover

volantino per regolazione manuale della portata
manual flow regulator with graduated handwheel

AB



cursore doppio effetto, A e B a chiusi al centro 1
double acting spool, A and B closed in neutral



cursore doppio effetto, A e B a scarico al centro 2
double acting spool, A and B open to tank in neutral



cursore doppio effetto, A a scarico e B in pressione
al centro 9T

P T LC

double acting spool, A open to pressure and B open
to tank in neutral

8 ritorno a molla in centro
spring centered to neutral

10 ritenuta in posizione 2, con ritorno a molla in centro
detent in position 2, spring centered to neutral

11 ritenuta nelle 3 posizioni
detent in 3 positions

BOCCA - PORTS	BSP (ISO 228/1)	METRICA - METRIC (ISO 6149)	UN-UNF (ISO 11926-1)
P			3/4-16 UNF-2B (SAE 8)
A - B	G 3/8	M18x1,5	9/16-18 UNF-2B (SAE 6)
T			3/4-16 UNF-2B (SAE 8)

SV

Ook leverbaar



Meer informatie op aanvraag mogelijk