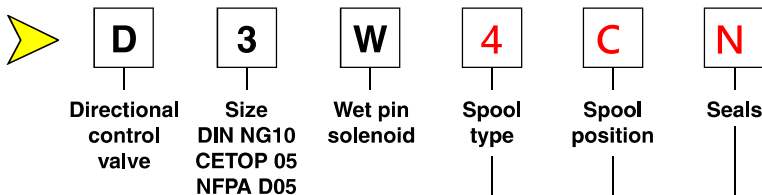


Ordering Code



2

3 position spools	
Code	Spool type
	a 0 b
1	
2	
3	
4	
5	
6	
7	
8 ¹⁾	
9 ¹⁾	
10 ²⁾	
11	
12	
14	
15	
16	
21 ²⁾	
22 ²⁾	
31 ²⁾	
32 ²⁾	
81 ²⁾	
82 ²⁾	
102 ²⁾	

2 position spools	
Code	Spool type
	a b
20	
26	
30	
101 ²⁾	

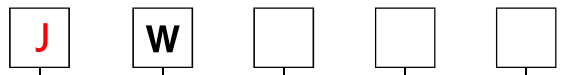
Code	Seals
N	NBR
V	FPM

3 position spools			
Code	all 3 position spools		
C			3 positions. Spring offset in position "0". Operated in position "a" or "b".
	Standard	Spool type 8 and 9	
E			2 positions. Spring offset in position "0".
F			2 positions. Operated in position "0".
K			2 positions. Spring offset in position "0".
M			2 positions. Operated in position "0".

2 position spools		
Code	Spool position	
B		2 positions. Spring offset in position "b". Operated in position "a".
D		2 positions. Operated in position "a" or "b". No centre or offset position.
H		2 positions. Spring offset in position "a". Operated in position "b".

Bold letters =
Short-term availability

¹⁾ Consider specific spool position.
²⁾ Only available for DC voltage.



Solenoid voltage
Connector as per EN 175301-803, without plug
 (Please order plug separately)
Solenoid option
Shift response
Design series
 (not required for ordering)


Code	Solenoid voltage
K	12V =
J	24V =
U ³⁾	98V =
G ³⁾	205V =
Y	110V 50Hz / 120V 60Hz
T	230V 50Hz / 240V 60Hz

³⁾ To be used with rectifier plug when DC solenoids are used with AC input.

Code	Shift response
omit	Standard response
S4 ⁴⁾	orifice diameter 1.0 mm
S7 ⁴⁾	orifice diameter 1.5 mm

⁴⁾ Only for DC

Code	Solenoid option
omit	Standard solenoid with manual override
H	High pressure solenoid tube for AC. Tank pressure up to 210bar
T	without manual override



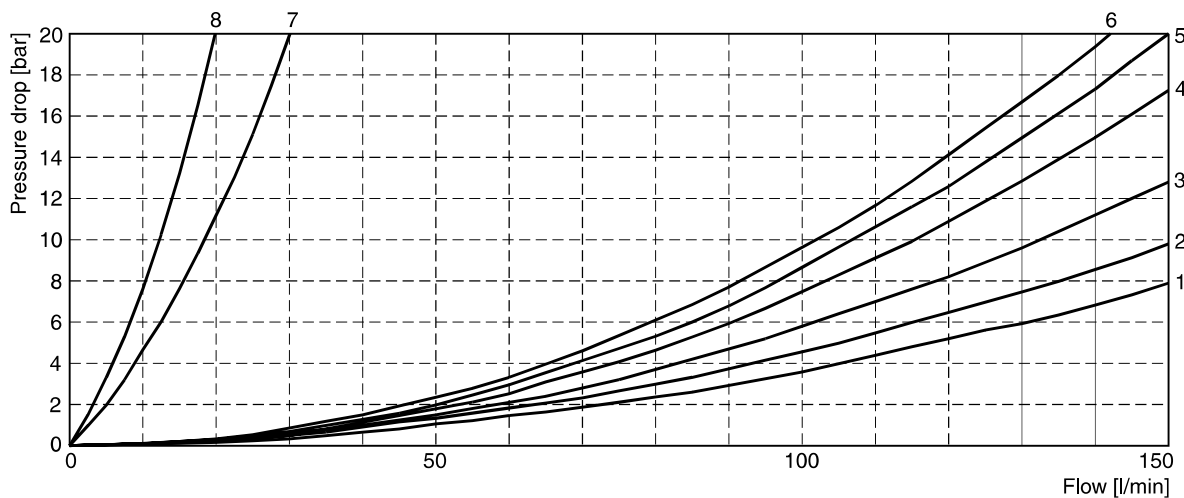
The Parker model code should be used for all new applications. Otherwise also refer to Denison model code.

Further spool types and solenoid voltages on request.

The flow curve diagram shows the flow versus pressure drop curves for all spool types. For each spool type, operating position and flow direction the relevant curve number is given in the table below.

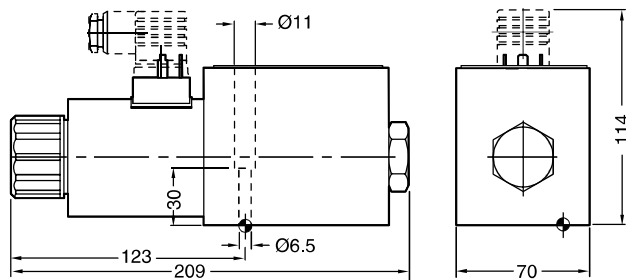
Spool		Position „b“		Position „a“		Position „0“					
D3W	4D02	P->A	B->T	P->B	A->T	P->A	P->B	A->T	B->T	P->T	A->B
1	03	4	3	4	3	-	-	-	-	-	-
2	01	4	1	4	1	3	3	1	1	5	1
3	10	4	3	5	2	-	-	4	-	-	-
4	08	4	2	4	2	-	-	3	3	-	5
5	-	4	3	5	3	5	-	-	-	-	-
6	46	4	3	4	3	6	6	-	-	-	6
7	-	5	1	4	3	-	4	-	2	6	-
10	-	4	-	4	-	-	-	-	-	-	-
11	02	4	3	4	3	-	-	8	8	-	-
12	-	4	3	4	3	7	7	7	7	8	8
14	-	4	3	5	1	4	-	2	-	6	-
15	09	5	2	4	3	-	-	-	4	-	-
16	-	5	3	4	3	-	5	-	-	-	-
20	51	4	3	4	3	-	-	-	-	-	-
26	12	4	-	4	-	-	-	-	-	-	-
30	11	4	2	4	2	-	-	-	-	-	-
		P->B	A->T	P->A	B->T	P->A	P->B	A->T	B->T	P->T	A->B
8	-	4	3	4	3	-	-	-	-	6	-
9	07	4	4	4	4	-	-	-	-	6	-
		Position „b“		Position „a“							
		P->A	P->B	A->B	P->B	A->T					
21	55	5	4	6	3	3					
		P->A	B->T		P->A	P->B	A->B				
22	56	3	3		4	5	6				

Flow curve diagram

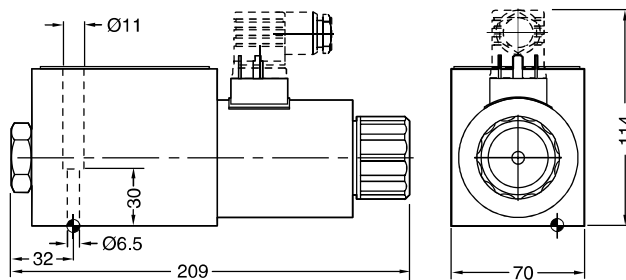


Interface EN 175301-803, DC solenoid

B, E, F -style

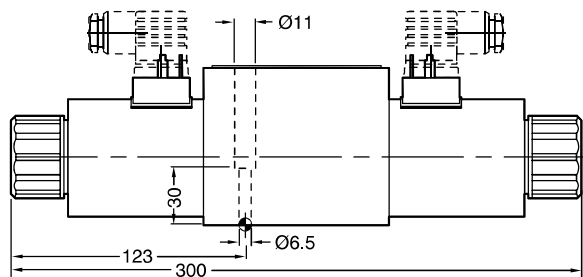


H, K, M -style



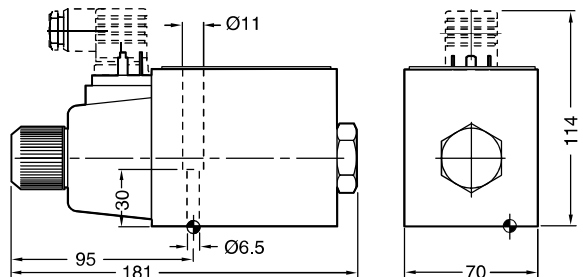
2

C, D -style

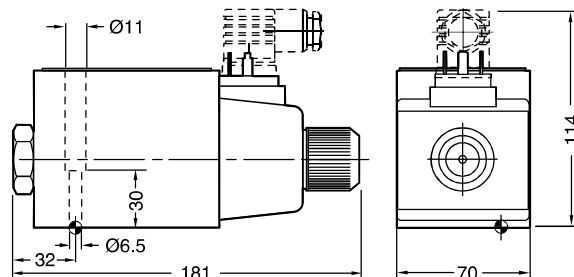


Interface EN 175301-803, AC solenoid

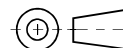
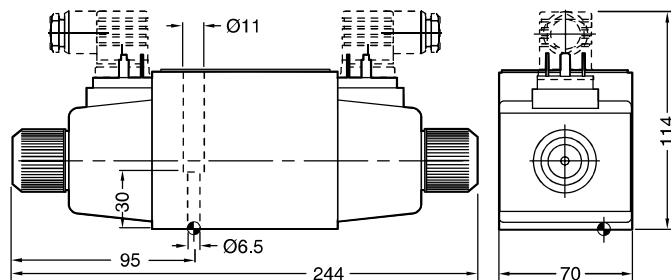
B, E, F -style





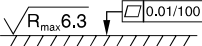


H, K, M -style



C, D -style



Surface finish	 Kit	 Kit	 Kit	 Kit
$\sqrt{R_{max} 6.3}$ 	BK385	4x M6x40 DIN 912 12.9	13.2 Nm ±15%	NBR: SK-D3W-30 FPM: SK-D3W-V30

The space necessary to remove the plug per EN 175301-803, design type AF is at least 15 mm.
The torque for the screw M3 of the plug has to be 0.5 to 0.6 Nm.

D3W stand_UK.INDD CM_21.01.2008.1