

Pressure relief valve, pilot operated, sea water resistant Type DB...J

Features of the sea water resistant version

When compared to the standard version the following modifications have been carried out:

- The external metal components have been zinc galvanised: housing, plugs and adjustment.
- Sea water resistance is identified by the code „J” in the ordering code.

Note:

Valve fixing screws only optional, when required, they must be ordered separately:

2 off M8 x 60 DIN 912-10.9 A3C or NEL¹⁾; $M_A = 37 \text{ Nm}$; order in clear text; Material number: **00011591**

¹⁾ The code „NEL” stands for „non-electrolytically applied zinc coatings” which contain a lubrication additive for the reduction of friction in accordance with ISO/WD 10683. Colour: silver.

Further information can be obtained from the standard documentation RE 25 818.

Ordering details

DB				-		/		J		*	
Pressure relief valve = DB											
Without dir. valve = No code										Further details in clear text	
With built-on dir. valve = W ¹⁾										W65 = Vertical cartridge (ordering code not required for cartridge version „K”)	
	Subplate mounting "No code"	Threaded connection "G"	Cartridge valve "K"							No code = NBR seals V = FKM seals (other pressure fluids on request)	
NS	Ordering code									No code = Without directional valve 6A = With directional valve NS 6	
10	= 10	= 15 (G 3/4)								No code = } Lowest circulation pressure U ³⁾ = } See characteristic curves on page 4 (standard documentation)	
25	= 20	= 15 (G 3/4) = 20 (G 1)								J = Sea water resistant Pilot oil supply	
For subplate mounting = -										2) - = } X = } For ordering details see symbols on page 3 Y = } (standard documentation) XY = }	
For threaded connections = G											
For manifold mounting (cartridge) = K											
Adjustment element											
Rotary knob = 1											
Sleeve with hexagon and protective cap = 2											
Series 10 to 19 (only version „K”) = 1X											
(10 to 19: unchanged installation and connection dimensions)											
Series 40 to 49 = 4X											
(40 to 49: unchanged installation and connection dimensions)											
Pressure setting up to 50 bar = 50											
Pressure setting up to 100 bar = 100											
Pressure setting up to 200 bar = 200											
Pressure setting up to 315 bar = 315											
Pressure setting up to 350 bar (only version DB) = 350											

¹⁾ Only for valve with threaded connection

²⁾ Only required for version DBW..G.

³⁾ Version „U” is **not** suitable for cross-line relief functions.

Preferred types

Preferred types	
Type	Material number
DB 20 K2-1X/100XYJ	00584789
DB 20 K2-1X/100XJV	00599359
DB 20 K2-1X/200XYJ	00382902
DB 20 K2-1X/315XYJ	00330715
DB 20 K2-1X/315YJ	00405977
DB 20 K2-1X/315YJV	00524280

Preferred types	
Type	Material number
DB 20 K2-1X/350XYJ	00356325
DB 10 G2-4X/200XJW65	00580476
DB 10 G2-4X/315XJW65	00510810
DB 10 G2-4X/350YJW65	00513870
DB 20 G2-4X/315JW65	00429396

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