

RE 25 802-M/08.00

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

Series 5X

Features of the sea water resistant version

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

- The external components have been zinc galvanised (housing, adjustment).
- Sea water resistance is identified by the code „J“ in the ordering code.

Note:

Valve fixing screws must be ordered separately:

Nominal size 10: 4 off M12 x 50 DIN-10.9 A3C or NEL¹⁾; $M_A = 130$ Nm; Material number: **00011400**

Nominal size 20: 4 off M16 x 50 DIN-10.9 A3C or NEL¹⁾; $M_A = 310$ Nm; Material number: **00011401**

Nominal size 30: 4 off M18 x 50 DIN-10.9 A3C or NEL¹⁾; $M_A = 430$ Nm; Material number: **00011402**

DBC and DBT: 4 off M8 x 40 DIN 912-10.9 NEL¹⁾; $M_A = 37$ Nm; Material number: **00011590**

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 25 802-M.

DB...J

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Ordering details, preferred types

DB								5X /
	Without directional valve							
	With built-on directional spool valve	= No code						
		= W						
	Pilot operated valve (complete)	= No code						
	Pilot operated valve without main spool assembly (do not enter nom. size)	= C						
	Pilot operated valve with main spool assembly (enter valve size 10 or 30)	= C						
	Pilot operated valve without main spool assembly for subplate mounting (do not enter nom. size)	= T ¹⁾						
	Nominal size 10	= 10						
	– Subplate mounting „no code“							
	– Threaded connections „G“ (G 1/2)							
	Nominal size 25	= 20						
	– Subplate mounting „no code“							
	– Threaded connections „G“ (G 1)							
	– Threaded connection „G“ (G 1 1/4)	= 25						
	Nominal size 32	= 30						
	– Subplate mounting „no code“							
	– Threaded connections „G“ (G 1 1/2)							
	For subplate mounting	= No code						
	For threaded connections	= G						
	Adjustment elements							
	Rotary knob						= 1	
	Sleeve with hexagon and protective cap						= 2	
	With main spool Ø 24 mm (only for NS 10, NS 16, NS 25 and type DBC 30)						= -	
	Series 50 to 59 (unchanged installation and connection dimensions)						= 5X	
	Settable pressure up to 50 bar						= 50	
	Settable pressure up to 50 bar						= 100	
	Settable pressure up to 50 bar						= 200	
	Settable pressure up to 50 bar						= 315	
	Settable pressure up to 50 bar						= 350	

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		J							*
				No code =		V =		NBR seals	
		GE =		With directional spool valve (high performance valve) - 350 bar settable pressure				FKM seals	
		S =		Without switching shock damping				Without directional valve	
		J =		With switching shock damping (only with type DBW)				Sea water resistant	
		U =		(not for version without main spool assembly and not suitable for cross-line relief)				Standard version	
				Pilot oil supply and drain line				Valve for minimum cracking pressure	
								Ordering details	
								To symbols	
								See page 5 - Standard documentation	
- =									
X =									
Y =									
XY =									

Preferred types

Preferred types	
Type	Material number
DB 10 G2-5X/50UJ	00503105
DB 10-2-5X/315J	00513845
DB 20-1-5X/100UJ	00548972
DB 20-2-5X/100J	00931888
DB 20-2-5X/315J	00931889
DB 20-2-5X/350J	00515208
DB 25 G2-5X/315XJ	00520974

Preferred types	
Type	Material number
DB 30 G2-5X/100J	00957534
DB 30 G2-5X/315XJ	00501416
DB 30 G2-5X/315YJ	00532525
DBC 30-2-5X/315YJ	00526690
DBC 2-5X/315J	00563866
DBT 2-5X/100J	00508099
DBT 2-5X/315J	00597484

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Notes

The specified data is for product description purposes only and may not be deemed to be guaranteed unless expressly confirmed in the contract.

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