







FLUIDCONTROL

QUICK PRODUCT OVERVIEW



ELECTRO-MAGNETIC LEVEL & TEMPERATURE CONTROL – Flanged Connection

Series	NT61	NT61D	NT63	NT64	NT64D	NT67XP
						
Catalogue	DE100208	DE100208	DE100210	DE100209	DE100209	DE100207
Level Control	Switch	Switch	Analog	Easy Just	Easy Just	Free Setting
p Max	1 bar	1 bar	1 bar	1 bar	1 bar	1 bar
L Max	1500 mm	1500 mm	1420 mm	500 mm	500 mm	1420 mm

LEVEL CONTROL

1K (NO/NC)	•	•		•	•	
2K (NO/NC)	•	•		•	•	
3K (NO/NC)	•			•		
4K (NO/NC)	•			•		
1W (change over)	•			•		
2W (change over)	•			•		
KN analog			•			
K analog (also T)			•			

TEMPERATURE CONTROL

1TK or 1TM (NO/NC)	•			•		
2TM (NO/NC)	•					
Pt100	•			•		
KT – analog	•			•		
2T – PNP		•			•	
4T – PNP		•			•	
1T-KT - PNP+analog		•			•	

FREE PROGRAMMABLE OUTPUT

4S – PNP						•
6S – PNP						•
2S-KN-KT - PNP+analog						•
4S-KN-KT - PNP+analog						•
6S-KN-KT - PNP+analog						•

IO-Link

1D1S			•			•
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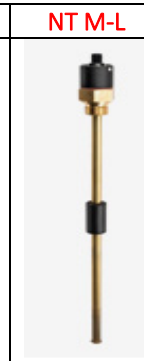

PLUG CONNECTOR – Check compatibility with selected outputs

M3 (3pin+PE)	•		•	•		
S6 (6pin+PE)	•			•		
M12 (4pin)	•		•	•		•
M12 (8pin)						•
2M12 (4pin/4pin)	•	•		•	•	•
2M12 (4pin/8pin)		•			•	•
C6F (6pin+PE)	•					

ADDITIONAL FEATURES

Stillling Tube	•	•	•	•		•
Nivovent	•	•	•	•		•
ATEX	•					
High Temperature	•					
Stainless Steel	•	•	•	•		•
Water Alarm Switch	•					

ELECTRO-MAGNETIC LEVEL & TEMPERATURE CONTROL – Threaded Connection

Series	NT-EL	NT-ELD	NT-M	NT-MD	NT M-L	NT M-XP
						
Catalogue	DE100226	DE100226	DE100211	DE100211	DE100227	DE100213
Level Control	Eco-Switch	Eco-Switch	Switch	Switch	IO-Link	Free Setting
p Max	1 bar	1 bar	1 bar	1 bar	1 bar	1 bar
L Max	500 mm	500 mm	1000 mm	1000 mm	1000 mm	820 mm

LEVEL CONTROL

1K (NO/NC)	•	•	•	•		
2K (NO/NC)	•	•	•	•		
3K (NO/NC)			•			
4K (NO/NC)			•			
1W (change over)			•			
2W (change over)			•			

TEMPERATURE CONTROL

1TE (NC)	•					
1TM (NO/NC)			•			
2TM (NO/NC)			•			
Pt100	•		•			
KT – analog			•			
2T – PNP		•		•		
4T – PNP				•		
1T-KT - PNP+analog		•		•		

FREE PROGRAMMABLE OUTPUT

2S – PNP						•
4S – PNP						•
6S – PNP						•
2S-KN-KT - PNP+analog						•
4S-KN-KT - PNP+analog						•
6S-KN-KT - PNP+analog						•

IO-Link

1D1S					•	•
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PLUG CONNECTOR – Check compatibility with selected outputs and threads

M3 (3pin+PE)			•			
GS4 (4pin)			•			
M12 (4pin)	•		•		•	•
M12 (8pin)						•
2M12 (4pin/4pin)		•	•	•		•
2M12 (4pin/8pin)						•
C7 (7pin+PE)			•			

THREADED CONNECTION

G1/2	•	•				
G3/4			•	•	•	•
G1			•	•	•	•
M20x1.5	•	•				
7/8-14 UNF	•	•				
Flange Adapter			•	•		•

ADDITIONAL FEATURES

ATEX			•			
Stainless Steel			•			

TANK TOP INSTALLATION – Level Control

Series	NSOM-61	NSOM-63	NSOM-64	NSOM-VA
				

Catalogue	DE100212	DE100212	DE100212	DE100212
Level Control	Switch	Analog	Easy Just	Stainless Steel
p Max	1 bar	1 bar	1 bar	1 bar
L Max	1000 mm	820 mm	500 mm	820 mm

LEVEL CONTROL – Attachable MKS contacts for NSOM-VA

1K (NO/NC)	•		•	•
2K (NO/NC)	•		•	•
3K (NO/NC)	•		•	
4K (NO/NC)	•		•	
1W (change over)	•		•	•
2W (change over)	•		•	•
KN analog		•		•

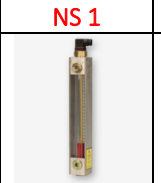
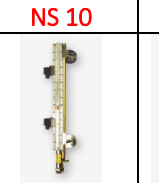


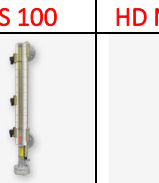


PLUG CONNECTOR – Check compatibility with selected outputs

M3 (3pin+PE)	•	•	•	•
S6 (6pin+PE)	•		•	•
M12 (4pin)	•	•	•	
2M12 (4pin/4pin)	•			
S3				•

ADDITIONAL FEATURES

Stilling Tube	•	•	•	•
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EXTERNAL BY-PASS INSTALLATION – Level Control

Series	NS 1	NS 10	NS 25	NS 64	NS 100	HD NS 250	HD NS 360
							

Catalogue	DE200204	DE200201	DE200201	DE200202	DE200202	DE200203	DE200203
Level Control	Gauge	Gauge	Gauge	Gauge	Gauge	Gauge	Gauge
P Max	1 bar	10 bar	25 bar	64 bar	100 bar	250 bar	360 bar
L Max	800 mm	5000 mm	5000 mm	5000 mm	5000 mm	5000 mm	5000 mm

LEVEL CONTROL

1K (NO/NC)	•	•	•	•	•	•	•
2K (NO/NC)	•	•	•	•	•	•	•
3K (NO/NC)	•						
4K (NO/NC)	•						
1W (change over)	•	•	•	•	•	•	•
2W (change over)	•						
K5 (5mm) / K10 (10mm) continuous		•	•	•	•	•	•

PLUG CONNECTOR – Check compatibility with selected outputs

M3 (3pin+PE)	•	•	•	•	•	•	•
S6 (6pin+PE)		•	•	•	•	•	•
M12 (4pin)	•						
2M12 (4pin/4pin)		•	•	•	•	•	•
S3	•	•	•	•	•	•	•




CONNECTION

G1/2	•		•				
G1						•	•
Pipe Socket		•	•				
DN15		•	•				
DN25		•	•	•	•		

ADDITIONAL FEATURES

ATEX			•				
DNV-GL			•				

TEMPERATURE SENSORS

Series	TF-M-G1/2	MK2-G1/2	TF-M-VAL
Stainless Steel Series	TF-E-G1/2	EK2-G1/2	
			

Catalogue	DE110202	DE110202	DE110202
Temperature Control	Pt100	Analog	Pt100 Spring
Threaded Connection	G 1/2	G 1/2	G 1/2
p Max	5 bar/10 bar	5 bar/10 bar	1 bar
L Max	1000 mm	1000 mm	330 mm

SWITCHING TYPE

2L leads	•		•
3L leads	•		
4L leads	•		
Transmitter		•	

PLUG CONNECTOR – Check compatibility with selected outputs

M3 (3pin+PE)	•	•	•
M12 (4pin)	•	•	
GS4 (4pin)	•		

ADDITIONAL FEATURES

ATEX	•		
DESINA		•	

BI-METAL TEMPERATURE SWITCHES

Series	TSM	TSK.MS	TSA/TÖA
Stainless Steel Series	TSE	TSK.VA	
			

Catalogue	DE110203	DE110203	DE110203
Temperature Control	Switch	Low Hysteresis	Fixed Length
Threaded Connection	G 1/2	G 3/4	G 1/2
P Max	5 bar/10 bar	1 bar/5 bar	15 bar
L Max	1000 mm	1000 mm	29 mm

SWITCHING

1TM	•	•	•
2TM	•	•	

PLUG CONNECTOR – Check compatibility with selected outputs

M3 (3pin+PE)	•	•	•
M12 (4pin)	•	•	

ADDITIONAL FEATURES



ATEX	•	•	•
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THERMOTRONIK TT-77 – Display and Control Unit

Series	TT-77F Integrated Display			TT-77W Remote Display		
Catalogue	DE110201					
Material	Brass			Stainless Steel		
P Max	5 bar			10 bar		
L Max	1000 mm					
Connection	G1/2					
Output	1D1S	2T	4T	1T-K	2T-K	4T-K
	IO-Link, 1 PNP	2 PNP	4 PNP	1PNP, analog	2PNP, analog	4PNP, analog
M12 Plug Connector	4 pin	4 pin	8 pin	4 pin	5 pin	8 pin



MECHANICAL PRESSURE SWITCHES

Series	MDS	MDSM	MDSK
			

Catalogue	DE130203	DE130203	DE130203
P Max - Membrane	60 bar	60 bar	
P Max - Piston	350 bar		350 bar

MAIN FEATURES

Membrane ≤16 bar	•	•	
Piston ≥10 bar	•		•
Handknob		•	•
Change Over Contact	•	•	•

PRESSURE RANGE

0.5÷8 bar	•	•	
1÷16 bar	•	•	
10÷120 bar	•		•
20÷250 bar	•		•
30÷320 bar	•		•

PLUG CONNECTOR

M3 (3pin+PE)	•	•	•
M12 (4pin)	•	•	•

CONNECTION

G1/8	•		
G1/4	•		•
G1/4 Internal		•	
Vertical Flange			•

Other configuration upon request.

PRESSURE TRANSMITTERS

Series	PT 702	PT 700
		

Catalogue	DE130206	DE130201
Threaded Connection	G 1/4	G 1/4
Overload	3 x limit (Max 1500 bar)	2.5 x limit (Max 900 bar)
Burst Pressure	6 x limit (Max 2500 bar)	2.5 x limit (Max 900 bar)

PRESSURE RANGE

0÷10 bar	•	•
0÷25 bar	•	•
0÷100 bar	•	•
0÷250 bar	•	•
0÷400 bar	•	•
0÷600 bar	•	•

PLUG CONNECTOR – Check compatibility with selected outputs




M3 (3pin+PE)	•	
M12 (4pin)	•	•

PRESSOTRONIK PT-77 – Display and Control Unit

Series	PT-771 Integrated Display				PT-770 Remote Display		
Catalogue	DE130201						
Trasmitter	PT 700				PT 700		
Output	1D1S	2S	4S	6S	1S-K	2S-K	4S-K
	IO-Link, 1 PNP	2 PNP	4 PNP	6 PNP	1PNP, analog	2PNP, analog	4PNP, analog
M12 Plug Connector	4 pin	4 pin	8 pin	8 pin	4 pin	5 pin	8 pin



MOISTURE SENSORS – Humidity Control

Series	BCM-WS	BCM-WR	BCM-WD
			

Catalogue	DE150101	DE150101	DE150101
Configuration	Only Transmitter	Remote Display	Screw-In Display
P Max	50 bar		
Connection	G 1/2, G 3/4, Flange	G 1/2, G 3/4	G 1/2, G 3/4

HUMIDITY CONTROL

1S2A - PNP, 2 analog	•		
2S2A - 2PNP, 2 analog		•	•
4S2A - 2PNP, 4 analog		•	•
1D - IO-Link	•		
1D1S – PNP, IO-Link		•	•

PLUG CONNECTOR – Check compatibility with selected outputs

M12 (4pin)	•	•	•
M12 (8pin)	•	•	•
2M12 (4pin/8pin)		•	•

WATER ALARM – Free Water Control

Series	WW6	WW3	WW10
			

Catalogue	DE300001	DE300002	DE300002
P Max	6 bar	3 bar	10 bar

FREE WATER CONTROL

NO contact	•		
Double NO contact		•	•
Double NC contact		•	•
Change Over Contact	•	•	•

MAIN FEATURES

Tank Connection	G1/2	G3/4	G3/4
M3 (3pin+PE)	•		
S6 (6pin+PE)		•	•
Installation Kit	•	•	•
Drainage	G3/4	G1 1/4	G1 1/4

FILTER MONITORING

Series	VSA-24-D	VSA-24-S	BCI
			

VSA-24-D: compatible for Hydac, Mahle and Pall

VSA-24-S: compatible for Hydac and Mahle

BCI: compatible for Hydac, Stauff, Mahle, Bosch Rexroth and MP Filtri

Catalogue	DE130003	DE130002	DE110203
Type	Differential	Capacity	Differential
Line	Pressure	Return	Pressure
P Max	400 bar	10 bar	400 bar

SWITCHING

2 Switching Outputs	•	•	
1D1S - PNP, IO-Link			•
2S1A - 2PNP, 1 analog			•

PLUG CONNECTOR – Check compatibility with selected outputs

M12 (4pin)			•
M12 (5pin)	•	•	
M12 (8pin)			•

PRESSURE DROP RANGE

Δ2.8 bar - Δ3 bar	•	•	•
Δ5.5 bar - Δ6 bar	•		•

BLK – Air-Oil Blast Coolers

Model	Oil Flow	Standard Motor	Specific Cooling Capacity	Model	Oil Flow	Standard Motor	Specific Cooling Capacity
BLK 1.2	70 l/min	2-0.05kW	0.10 kW/K	BLK 6.6	250 l/min	6-0.55kW	0.80 kW/K
BLK 2.2	100 l/min	2-0.55kW	0.22 kW/K	BLK 7.4	280 l/min	4-2.2kW	1.25 kW/K
BLK 2.4	100 l/min	4-0.18kW	0.18 kW/K	BLK 7.6	280 l/min	6-0.55kW	0.95 kW/K
BLK 3.2	150 l/min	2-1.1kW	0.40 kW/K	BLK 8.6	300 l/min	6-1.5kW	1.60 kW/K
BLK 3.4	150 l/min	4-0.25kW	0.28 kW/K	BLK 8.8	300 l/min	8-0.55kW	1.30 kW/K
BLK 4.4	150 l/min	4-0.37kW	0.40 kW/K	BLK 9.6	350 l/min	6-2.2kW	2.10 kW/K
BLK 4.6	150 l/min	6-0.18kW	0.28 kW/K	BLK 9.8	350 l/min	8-1.1kW	1.75 kW/K
BLK 5.4	200 l/min	4-0.75kW	0.61 kW/K	BLK 10.6	400 l/min	6-5.5kW	3.30 kW/K
BLK 5.6	200 l/min	6-0.25kW	0.48 kW/K	BLK 10.8	400 l/min	8-2.2kW	2.80 kW/K
BLK 6.4	250 l/min	4-2.2kW	1.10 kW/K				



BNK – Off-line Coolers

Model	Oil Flow	Specific Cooling Capacity	Cooling Capacity at ETD = 40 K	Standard Motor	Approvals
BNK 1.4-7.5-0.75kW	8 l/min	0.04 kW/K	1.6 kW	4- 0.75kW	NEMA, UL/CSA, EAC
BNK 1.4-15-0.75kW	16 l/min	0.07 kW/K	2.8 kW	4- 0.75kW	NEMA, UL/CSA, EAC
BNK 2.4-15-0.75kW	16 l/min	0.09 kW/K	3.7 kW	4- 0.75kW	NEMA, UL/CSA, EAC
BNK 2.4-30-0.75kW	29 l/min	0.13 kW/K	5.3 kW	4- 0.75kW	NEMA, UL/CSA, EAC
BNK 2.4-40-1.1kW	42 l/min	0.15 kW/K	6.1 kW	4-1.1kW	NEMA, UL/CSA, EAC
BNK 3.4-15-0.75kW	16 l/min	0.15 kW/K	6.1 kW	4- 0.75kW	NEMA, UL/CSA, EAC
BNK 3.4-30-0.75kW	29 l/min	0.24 kW/K	9.7 kW	4- 0.75kW	NEMA, UL/CSA, EAC
BNK 3.4-40-1.1kW	42 l/min	0.27 kW/K	11 kW	4-1.1kW	NEMA, UL/CSA, EAC
BNK 4.4-30-0.75kW	29 l/min	0.34 kW/K	13.4 kW	4- 0.75kW	NEMA, UL/CSA, EAC
BNK 4.4-40-1.1kW	42 l/min	0.39 kW/K	15.4 kW	4-1.1kW	NEMA, UL/CSA, EAC
BNK 4.4-60-1.5kW	58 l/min	0.40 kW/K	15.8 kW	4-1.5kW	NEMA, UL/CSA, EAC
BNK 4.4-90-2.2kW	88 l/min	0.43 kW/K	17.1 kW	4-2.2kW	NEMA, UL/CSA, EAC
BNK 5.4-60-2.2kW	58 l/min	0.52 kW/K	20.7 kW	4-2.2kW	NEMA, UL/CSA, EAC
BNK 5.4-90-2.2kW	88 l/min	0.58 kW/K	23.2 kW	4-2.2kW	NEMA, UL/CSA, EAC
BNK 6.4-60-3.0kW	58 l/min	0.92 kW/K	37 kW	4-3.0kW	NEMA, UL/CSA, EAC
BNK 6.4-90-3.0kW	88 l/min	1.05 kW/K	41.9 kW	4-3.0kW	NEMA, UL/CSA, EAC
BNK 6.6-60-2.2kW	58 l/min	0.67 kW/K	26.8 kW	6-2.2kW	NEMA, UL/CSA
BNK 7.4-60-3.0kW	58 l/min	0.95 kW/K	38.2 kW	4-3.0kW	NEMA, UL/CSA, EAC
BNK 7.4-90-3.0kW	88 l/min	1.09 kW/K	43.5 kW	4-3.0kW	NEMA, UL/CSA, EAC
BNK 7.6-60-2.2kW	58 l/min	0.73 kW/K	29.2 kW	6-2.2kW	NEMA, UL/CSA
BNK 8.6-60-3.0kW	58 l/min	1.17 kW/K	46.7 kW	4-3.0kW	NEMA, UL/CSA, EAC



Available Options for BLK and BNK:

- AB external by-pass BLK2÷10 and BNK2÷8
- IB internal by-pass BLK3÷9 and BNK3÷8
- ITB internal temperature dependent by-pass 2 bar/45°C BLK3÷9 and BNK3÷8
- ATB external temperature dependent by-pass 2 bar/45°C BLK2÷9 and BNK2÷8
- Temperature switch – Only for BLK- series
- Customized Coatings (please contact Sales Department)
- Customized Motor (please contact Sales Department)
- Marine Configuration (please contact Sales Department)

GEROTOR PUMP

Model	Displacement	Inlet Port	Outlet Port	Standard Motor	pMax
BFP 5-6-0.55kW	5.5 l/min	G1/2-DN16	G3/8-DN12	6- 0.55kW	6 bar
BFP 8-4-0.75kW	8 l/min	G3/4/DN20	G1/2-DN16	4- 0.75kW	4 bar
BFP15-4-0.75kW	16 l/min	G1 1/4-DN32	G1-DN25	4- 0.75kW	4 bar
BFP15-4-1.1kW	16 l/min	G1 1/4-DN32	G1-DN25	4- 1.1kW	4 bar
BFP15-4-1.5kW	16 l/min	G1 1/4-DN32	G1-DN25	4-1.5kW	4 bar
BFP 30-4-0.75kW	29 l/min	G1 1/4-DN32	G1-DN25	4- 0.75kW	4 bar
BFP 30-4-1.1kW	29 l/min	G1 1/4-DN32	G1-DN25	4- 1.1kW	4 bar
BFP30-4-1.5kW	29 l/min	G1 1/4-DN32	G1-DN25	4-1.5kW	4 bar
BFP40-4-1.1kW	42 l/min	G1 1/4-DN32	G1-DN25	4- 1.1kW	4 bar
BFP40-4-1.5kW	42 l/min	G1 1/4-DN32	G1-DN25	4-1.5kW	4 bar
BFP 60-4-1.5 kW	58 l/min	G1 1/2-DN40	G1 1/4-DN32	4-1.5kW	4 bar
BFP 60-4-2.2kW	88 l/min	G1 1/2-DN40	G1 1/4-DN32	4-2.2kW	4 bar
BFP 60-4-3kW	58 l/min	G1 1/2-DN40	G1 1/4-DN32	4-3.0kW	4 bar
BFP 60-4-4kW	58 l/min	G1 1/2-DN40	G1 1/4-DN32	4-4.0kW	4 bar



BWT – Copper Brazed Plate Heat Exchangers

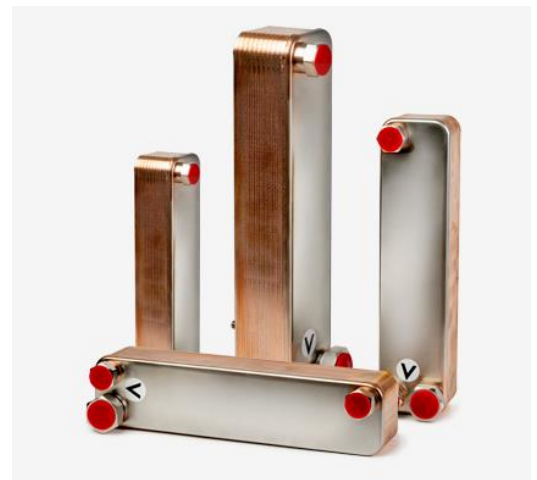
Model	Cooling Capacity	Oil Port	Water Port	Model	Cooling Capacity	Oil Port	Water Port
BWT B05x010	1.5-5.0 kW	G ¾	G ½	BWT B25x080	25-105 kW	G1 ¼	G1
BWT B05x020	1.5-11 kW	G ¾	G ½	BWT B35x040	30-105 kW	G1 ½	G1 ¼
BWT B08x010	2.5-6.0 kW	G ¾	G ½	BWT B35x050	55-145 kW	G1 ½	G1 ¼
BWT B08x020	5.0-16 kW	G ¾	G ½	BWT B35x060	55-155 kW	G1 ½	G1 ¼
BWT B08x030	10-25 kW	G ¾	G ½	BWT B35x090	55-175 kW	G1 ½	G1 ¼
BWT B15x030	6.0-30 kW	G ¾	G ½	BWT B120x040	40-125 kW	G1 ½	G1 ¼
BWT B10x020	5.0-25kW	G1	G ¾	BWT B120x060	55-190 kW	G1 ½	G1 ¼
BWT B10x030	10-40 kW	G1	G ¾	BWT B120x080	65-245 kW	G1 ½	G1 ¼
BWT B10x040	10-50 kW	G1	G ¾	BWT B120x120	135-280 kW	G1 ½	G1 ¼
BWT B10x050	15-60 kW	G1 ¼	G1	BWT B60x040	30-113 kW	SAE 2 ½	SAE 2
BWT B10x070	20-65 kW	G1 ¼	G1	BWT B60x060	35-165 kW	SAE 2 ½	SAE 2
BWT B10x090	20-80 kW	G1 ¼	G1	BWT B60x080	40-216 kW	SAE 2 ½	SAE 2
BWT B12Hx060	35-85 kW	G1 ¼	G1	BWT B60x100	43-267 kW	SAE 2 ½	SAE 2
BWT B25x030	13-45 kW	G1 ¼	G1	BWT B60x120	56-301 kW	SAE 2 ½	SAE 2
BWT B25x040	13-65 kW	G1 ¼	G1	BWT B60x140	76-316 kW	SAE 2 ½	SAE 2
BWT B25x060	20-90 kW	G1 ¼	G1				

BWT-N – Nickel Brazed Plate Heat Exchangers

Model	Cooling Capacity	Oil Port	Water Port	Model	Cooling Capacity	Oil Port	Water Port
BWT B05x010	1.5-5.0 kW	G ¾	G ½	BWT B10x040	10-50 kW	G1	G ¾
BWT B05x020	1.5-11 kW	G ¾	G ½	BWT B10x054	15-60 kW	G1	G ¾
BWT B08x010	2.5-6.0 kW	G ¾	G ½	BWT B10x070	20-65 kW	G1	G ¾
BWT B08x020	5.0-16 kW	G ¾	G ½	BWT B10x090	20-80 kW	G1	G ¾
BWT B08x030	10-25 kW	G ¾	G ½	BWT B28x030	13-45 kW	G1 ¼	G1
BWT B15x030	6.0-30 kW	G ¾	G ½	BWT B28x040	13-65 kW	G1 ¼	G1
BWT B10x020	5.0-25kW	G1	G ¾	BWT B10x040	10-50 kW	G1	G ¾
BWT B10x030	10-40 kW	G1	G ¾	BWT B28x080	25-105 kW	G1 ¼	G1 ¼

BWT-DW – Double Wall Brazed Plate Heat Exchangers

Model	Oil Port	Water Port
BWT B16x010DW	G ¾	G ¾
BWT B16x020DW	G ¾	G ¾
BWT B16x030DW	G ¾	G ¾
BWT B16x040DW	G ¾	G ¾
BWT B16x050DW	G ¾	G ¾
BWT B16x060DW	G ¾	G ¾
BWT B16x070DW	G ¾	G ¾



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