



# KINDSWATER

## Operating Instructions and Description

### Turbo nozzle KW-P2368/950 - PN 16 EN 15182-2 Type 3

#### 1. Features and Properties

Type	KW-P2368/950
Flow settings at 6 bar (l/min)	285 / 500 / 600 / 800 / 950
Connection	Storz B-75
Measurements (mm)	370 x 255 x 128
Weight	3,74 kg
Item number	900010462

- Jet form adjustable from full jet to spray jet with water curtain effect
- Pointer when set to spray jet, easy to feel for better orientation in zero visibility
- All jet forms that can be set fixed using lock points
- Flow rates can be adjusted using rotating ring in four locking positions from 285 to 950 l/min
- Pointer when set to 800 l/min, easy to feel for better orientation in zero visibility
- Rinsing position for flushing out dirt particles even during use
- Ergonomic pistol grip and easy-access switch lever
- Robust make (anodised aluminium, stainless steel, rubber)
- Ball bearing in control element made from chrome-plated brass
- Stainless steel turbo wheel
- Inlet swiveling under pressure
- Serial number on each nozzle

#### 2. General Information

##### - Read the operating instructions before use!

- ⚠ Before use, check the nozzle and operating elements for damage or malfunction!
- ⚠ Nozzles generate recoil forces, depending on the pressure and flow rate!  
Always open and close the nozzle slowly!



# KINDSWATER

## 3. Commissioning and Operation

- Connect the nozzle to an appropriate hose.
- Ensure that the nozzle and hose are coupled together properly.
- Always hold the nozzle tightly by the handle before opening it.
- Always open and close the nozzle slowly.
- To change the jet form, rotate the jet pipe head into the desired position (pointer at 12 o'clock = spray jet; rotation to the right = full jet; rotation to the left = water curtain).
- To change the flow rate, rotate the adjustment ring left or right into the desired position.
- To use the rinsing function, rotate the adjustment ring for the flow rate to the left, past the 950 l/min marking until it cannot rotate any further.

## 4. Product Information

- The optimum flow is achieved at an inlet pressure of 6 bar.
- The maximum working pressure is 16 bar.
- When the pressure is less than 6 bar, only a limited flow and reduced discharge distance are achieved.
- Only suitable for use with water and fire extinguishing foam.

## 5. Safety Information

- Only use the nozzle when no damage or malfunction has been found on the nozzle or operating elements.
- Leave the hazardous area immediately if pressure is applied to an unsupervised nozzle in an open state or a bearer loses an open nozzle that is subject to pressure. Never try to "catch" a nozzle that is out of control! Remove the pressure from the nozzle immediately!
- Do not make any impermissible modifications to the nozzle or the operating elements!

## 6. Extinguishing on Electrical Systems

- ⚠ Poor visibility (smoke, darkness) and other conditions surrounding fires make it impossible to determine safety distances with any accuracy! It is recommended that the electricity supply is interrupted as quickly as possible and the greatest possible safety distance maintained (min. 1 m at voltage of up to 1000 V), as well as using a minimum spray angle of 30°. If these conditions cannot be met, do **not** use the nozzle to fight fires on electrical systems!



# KINDSWATER

## 7. Maintenance

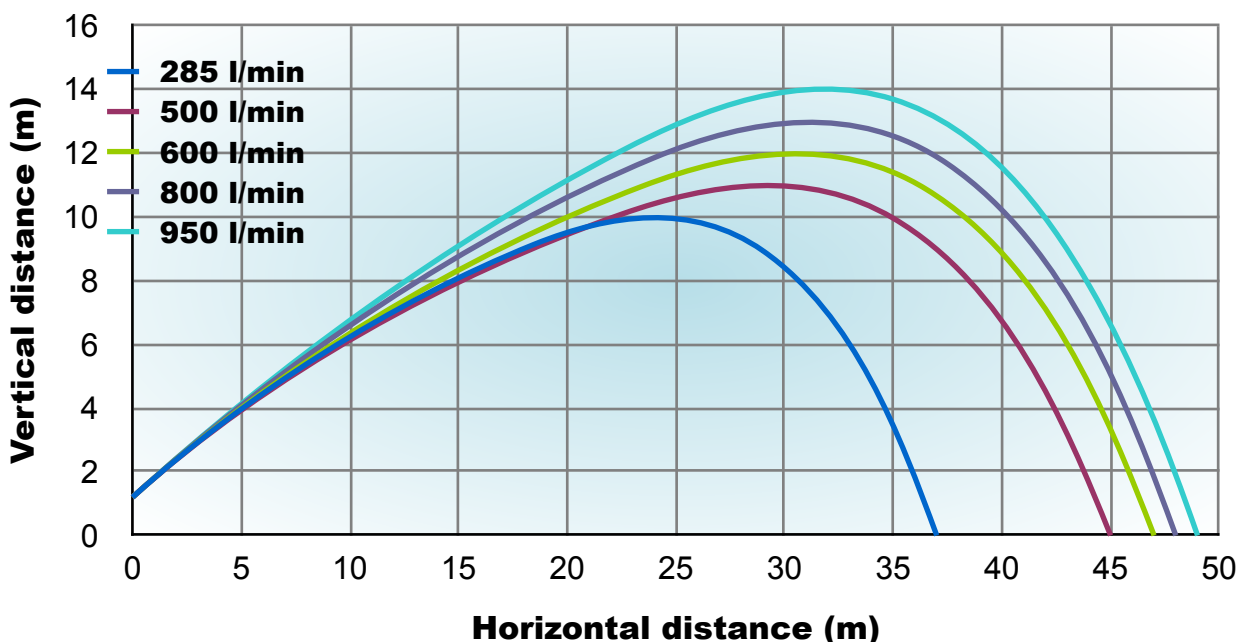
- Low maintenance due to high quality and care in manufacture.
- After each use, remove the water from the jet pipe by opening and closing it repeatedly.
- After use with foam agents, flush the jet pipe thoroughly with water.
- After each use, inspect for defects and malfunctions in the operating elements.

The jet pipe can be dismantled and reassembled using special tools, but this requires functional expertise and some experience.

Because the flow settings have to be reset each time the device is dismantled and reassembled, we recommend returning it to the factory when repairs are required.

## 9. Distance chart

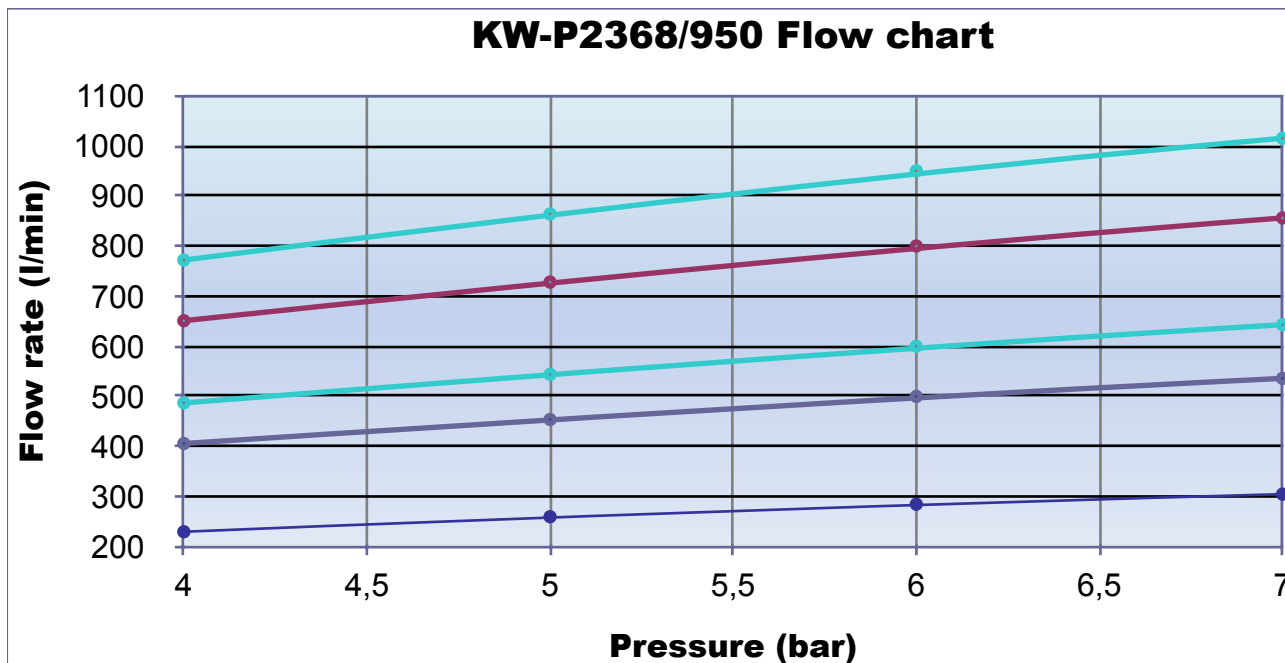
### KW-P2368/950 Distance chart (@ 6 bar)





# KINDSWATER

## 10. Flow chart

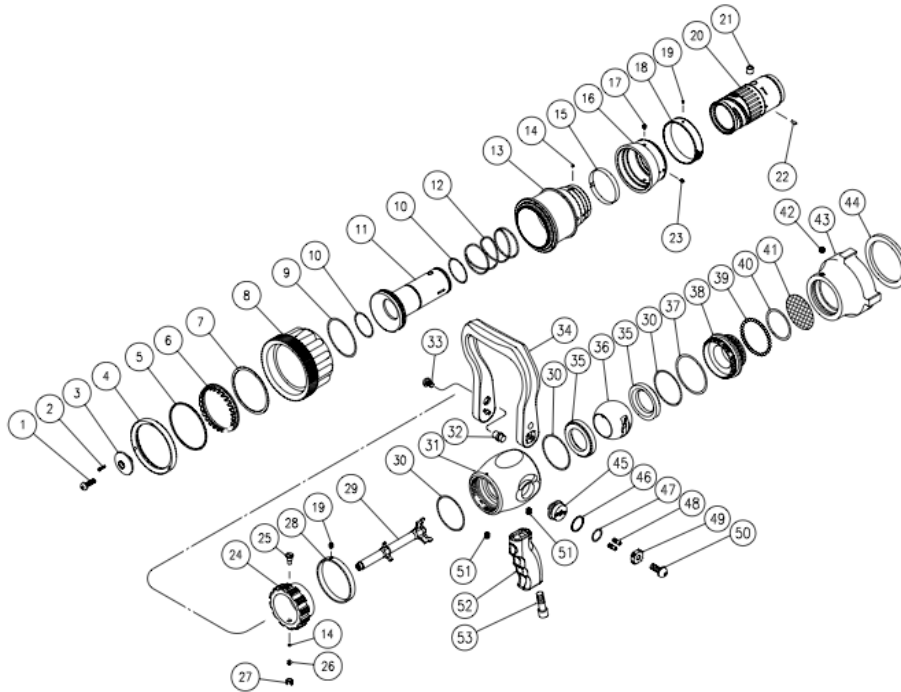


Pressure (bar)	KW-P2368/950 Flow rate(l/min)				
	285	500	600	800	950
4	230	406	487	651	772
5	260	454	544	728	864
6	285	500	600	800	950
7	305	536	643	856	1015



designed to protect

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## Bill of

ITEM NO.	DESCRIPTION	PARTS NO .	MATERIAL	QUANTITY	ITEM NO.	DESCRIPTION	PARTS NO .	MATERIAL	QUANTITY
1	SCREW(#10-24UNC)	S0039	304 S. S	1	28	INDICATING BAND	A0953	ALUMINUM	1
*2	SCREW(#4-40UNC)	S0065	304 S. S	3	29	STEM	A0962	ALUMINUM	1
3	BAFFLE	A0950	ALUMINUM	1	*30	O-RING(S-50)	O0230	EPDM	3
4	RETAINING RING	A0419	ALUMINUM	1	31	VALVE BODY	A1071	ALUMINUM	1
5	TEETH BEARING	F0009	TEFLON	1	32	DRIVE SHAFT	F0263	BRONZE	2
6	SPINNING TEETH	D0006	STAINLESS STEEL	1	33	SCREW	S0030	304 S. S	2
7	TEETH BEARING	F0008	TEFLON	1	34	HANDLE	A0999	COMPOSITE	1
8	BUMPER	D0034	EPDM	1	*35	SEAT	F0310	TEFLON	2
9	O-RING(G-65)	O0370	EPDM	1	36	BALL	F0111	BRONZE	1
10	O-RING(S-40)	O0210	EPDM	2	*37	O-RING(G-55)	O0340	EPDM	1
11	DISCHARGE TUBE	A0964	ALUMINUM	1	38	ADAPTER	A1081	ALUMINUM	1
12	SPRING	F0057	304 S. S	1	39	BALL BEARING(3/16")	F0076	304 S. S	35
13	PATTERN SLEEVE	A0954	ALUMINUM	1	*40	O-RING(G-45)	O0325	EPDM	1
14	BALL BEARING(4mm)	F0071	304 S. S	2	41	SCREEN	F0188	304 S. S	1
15	ROUND SPRING	F0003	304 S. S	1	*42	SCREW(1/4"-28UNF)	S0112	304 S. S	1
16	WEAR RING	A0955	ALUMINUM	1	43	SWIVEL(2.5"NH)	A1094	ALUMINUM	1
17	SCREW(#10-32UNF)	S0130	304 S. S	1	*44	GASKET(80*64*5)	D0071	EPDM	1
18	INDICATING BAND	A0951	ALUMINUM	1	*45	TRUNNION	F0101	ALUMINUM	2
19	SCREW(M3*0.5)	S0016	304 S. S	2	*46	GASKET	F0017	TEFLON	2
20	NOZZLE BODY	A0965	ALUMINUM	1	*47	O-RING(P-19)	O0090	EPDM	2
21	ROLLER	F0750	BRONZE	1	*48	SCREW(3/16"-32UNF)	S0131	304 S. S	4
22	PIN(3mm*7.5L)	F0290	BRONZE	1	49	RETAINING PLATE	A1006	ALUMINUM	2
23	SCREW(#10-32UNF)	S0090	304 S. S	1	*50	SCREW(5/16"-24UNF)	S0031	304 S. S	2
24	CONTROL RING	A0959	ALUMINUM	1	*51	SCREW(1/4"-20UNC)	S0111	304 S. S	2
25	SCREW(5/16"-24UNF)	S0250	304 S. S	1	52	PISTOL GRIP	A0115	COMPOSITE	1
26	SPRING	F0159	304 S. S	1	53	SCREW(3/8"-24UNF)	S0029	304 S. S	1
27	SCREW(5/16"-24UNF)	S0074	304 S. S	1					

"\*" indicates that the parts included in service kit