



KINDSWATER

Operating Instructions and Description

Turbo nozzle KW-P2360/150 - PN 16 EN 15182-2 Type 3

1. Features and Properties

Type	KW-P2360/150
Flow settings at 6 bar (l/min)	20 / 40 / 100 / 150
Connection	Storz C-52 / Storz D-25
Measurements (mm)	275 x 210 x 97 / 215 x 210 x 95
Weight	1,44 kg / 1,24kg
Item number	900010458 / 900010457

- 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 20 to 150 l/min
- Pointer when set to 150 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 150 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.

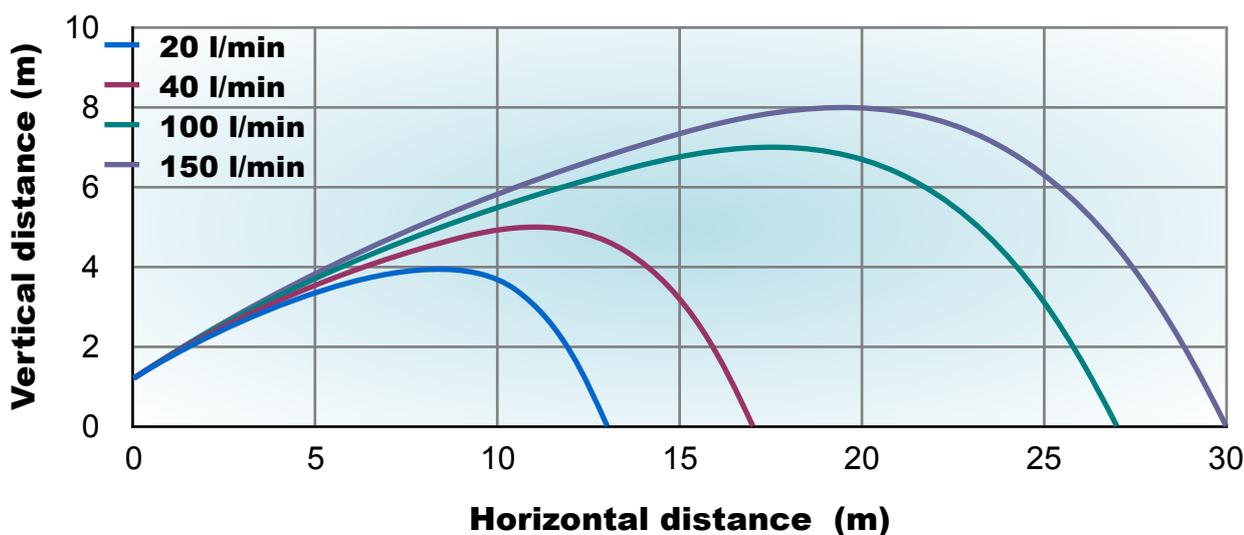
Because the flow settings have to be reset each time the device is dismantled and reassembled, we recommend returning it to the factory when repairs are required.

8. Accessories

Accessories	Item number
Heavy foam attachment KW-P210/2360	900010463
Medium foam attachment KW-P225/2360	900010464

9. Distance chart

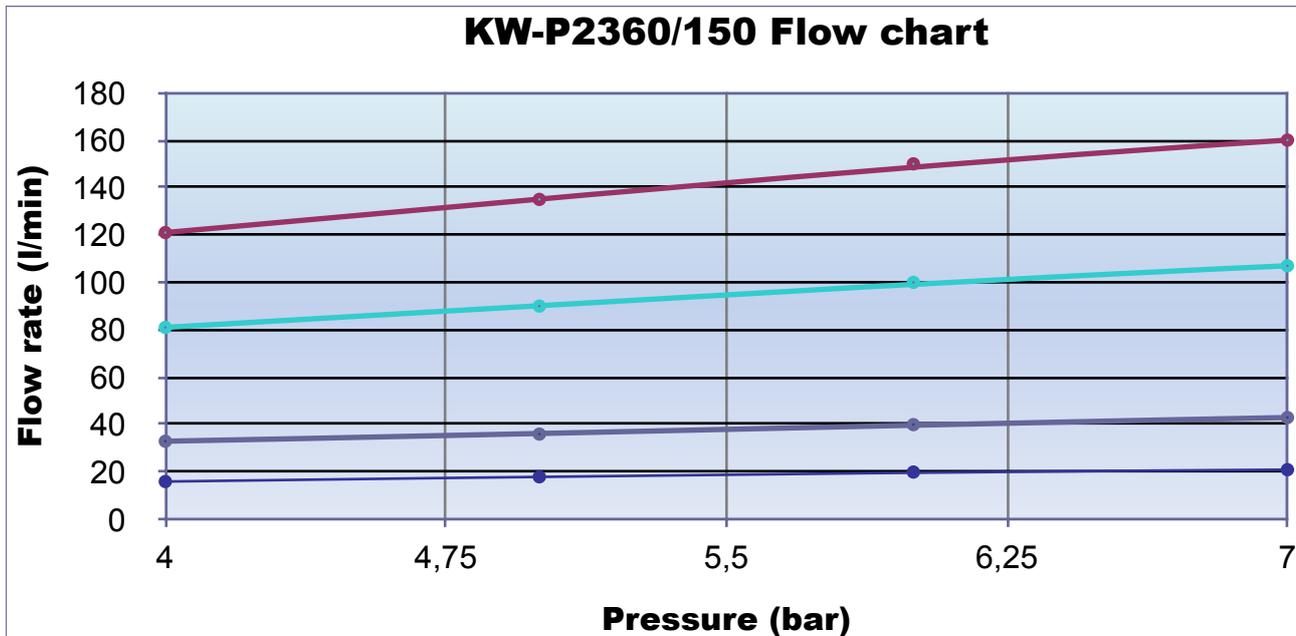
**KW-P2360/150 Distance chart
(@ 6 bar)**





KINDSWATER

10. Flow chart

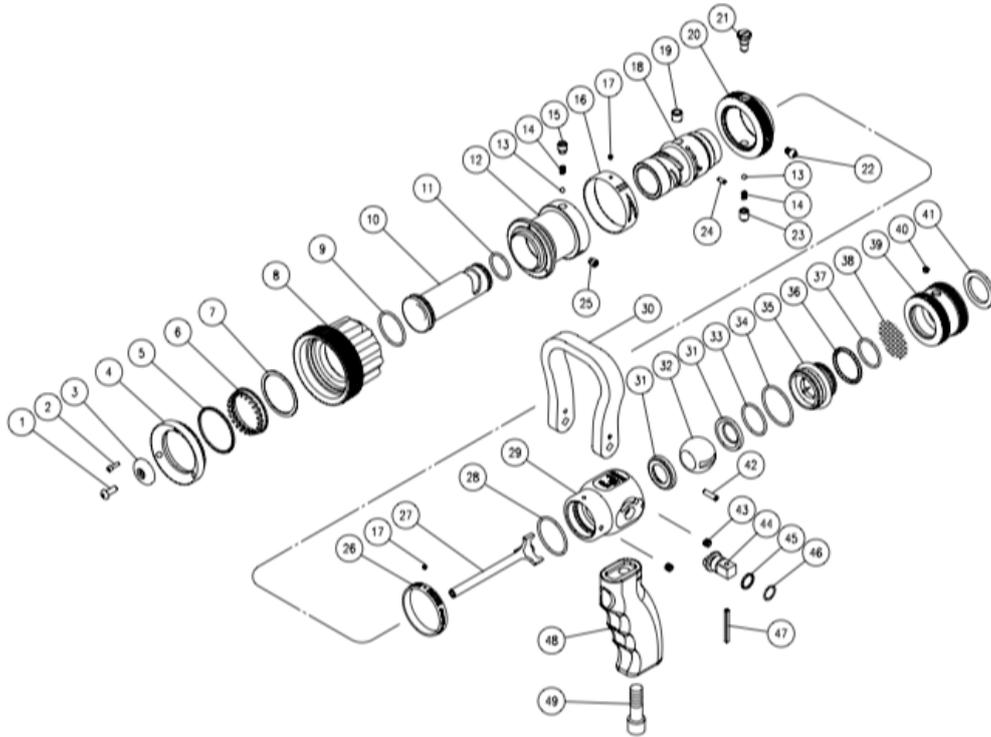


Pressure (bar)	KW-P2360/150 Flow rate (l/min)			
	20	40	100	150
4	16	33	81	121
5	18	36	90	135
6	20	40	100	150
7	21	43	107	160



designed to protect

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ITEM NO.	DESCRIPTION	PARTS NO .	MATERIAL	QUANTITY	ITEM NO.	DESCRIPTION	PARTS NO .	MATERIAL	QUANTITY
1	SCREW(#10-24UNC)	S0025	304 S. S.	1	25	SCREW(1/4"-28UNF)	S0010	304 S. S	2
*2	SCREW(#4-40UNC)	S0065	304 S. S.	3	26	INDICATING BAND	A0865	ALUMINUM	1
3	BAFFLE	A0110	ALUMINUM	1	27	STEM	F0081	BRONZE	1
4	RETAINING RING	A2017	ALUMINUM	1	*28	O-RING(S-34)	O0196	EPDM	1
5	TEETH BEARING	F0013	TEFLON	1	29	VALVE BODY	A4072	ALUMINUM	1
6	SPINNING TEETH	D0007	STAINLESS STEEL	1	30	HANDLE	A4022	COMPOSITE	1
*6		D0012	ABS	1	*31	SEAT	F0113	TEFLON	2
7	TEETH BEARING	F0012	TEFLON	1	32	BALL (3/4")	F0112	BRONZE	1
8	BUMPER	D0059	EPDM	1	*33	O-RING(S-27.5)	O0120	EPDM	1
9	O-RING(S-30)	O0190	EPDM	1	*34	O-RING(S-36)	O0200	EPDM	1
10	DISCHARGE TUBE	A0856	ALUMINUM	1	35	ADAPTER	A4080	ALUMINUM	1
11	O-RING(S-22.4)	O0170	EPDM	1	36	BALL BEARING(1/8")	F0070	304 S. S	31
12	PATTERN SLEEVE	A0857	ALUMINUM	1	*37	O-RING(S-25)	O0180	EPDM	1
13	BALL BEARING(4mm)	F0071	304 S. S.	2	38	SCREEN	F0187	304 S. S	1
14	DETENT SPRING	F0159	304 S. S	2	39	SWIVEL	A2594	ALUMINUM	1
15	SCREW(5/16"-24UNF)	S0071	304 S. S.	1	*40	SCREW(#10-32UNF)	S0130	304 S. S.	1
16	INDICATING BAND	A0862	ALUMINUM	1	*41	GASKET(36*26*3)	D0081	EPDM	1
17	SCREW(M3*0.5)	S0016	304 S. S.	2	42	PIN(4mm*15L)	F0164	304 S. S	2
18	NOZZLE BODY	A0860	ALUMINUM	1	43	SCREW(#10-32UNF)	S0130	304 S. S	2
19	ROLLER	F0750	BRONZE	1	*44	TRUNNION	F0108	ALUMINUM	2
20	CONTROL RING	A0861	ALUMINUM	1	*45	GASKET	F0007	TEFLON	2
21	SCREW(5/16"-24UNF)	S0250	304 S. S	1	*46	O-RING(P-8)	O0020	EPDM	2
22	SCREW(#10-32UNF)	F0228	304 S. S.	1	*47	PIN(3mm*20L)	F0163	BRONZE	2
23	SCREW(5/16"-24UNF)	S0074	304 S. S	1	48	PISTOL GRIP	A0115	COMPOSITE	1
24	PIN(3mm*7.5L)	F0290	BRONZE	1	49	SCREW(3/8"-24UNF)	S0029	304 S. S	1

"*" indicates that the parts included in service kit