



A3-Hy Monitors

A3-Hy Monitors LL (Light Alloy EN AB 42000-Al Si 7 MgTA)

- A3-Hy/F, LL, with water pipe and full jet nozzle
- A3-Hy/FOG, LL, with hydraulic adjustable pressure balance full jet/fog jet nozzle
- A3-Hy/A, LL, with foam/water pipe
- A3-Hy/A-Def, LL, with foam/water pipe and hydraulic operated deflector

A3-Hy Monitors Bz (Bronze B ZN 7)

- A3-Hy/F, Bz, with water pipe and full jet nozzle
- A3-Hy/FOG, Bz, with hydraulic adjustable pressure balance full jet/fog jet nozzle
- A3-Hy/A, Bz, with foam/water pipe
- A3-Hy/A-Def, Bz, with foam/water pipe and hydraulic operated deflector

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A3-Hy Monitors LL

A3-Hy/F, LL, with water pipe and full jet nozzle

- Hydraulic remote controlled water monitor A3-Hy/F type,
- body seawater resistant light alloy EN AB 42000-Al Si 7 MgTA,
 - horizontal and vertical movements with hydraulic motor operated worm gears, with hydraulic limit switches, complete with handwheels and selector device for local manual operation of the monitor,
 - horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon rings with greasing nipples, rotation range 340°, elevation range +75°/-55°,
 - inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16
 - with water pipe in light alloy complete with internal flow stabilizers and water full jet nozzle in seawater resistant light alloy EN AB 42000-Al Si 7 MgTA, flowrate 1.000 lt/min to 3.000 lt/min,
 - external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t. ≥ 40μ, n.2 final polyurethanic coat red RAL 3000, d.f.t. ≥ 30μ each, total d.f.t. ≥ 100μ

4" ANSI 150 lbs R.F. flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3-Hy/F 1.000	5273146010	24	1.000	8,2	50	52	52099910
A3-Hy/F 1.600	5273146020	30	1.600	8,6	55	52	52099910
A3-Hy/F 2.000	5273146030	32	2.000	8,9	60	52	52099910
A3-Hy/F 2.400	5273146040	36	2.400	9,3	62	52	52099910
A3-Hy/F 3.000	5273146050	40	3.000	10,0	65	52	52099910
DN 100 DIN PN 16 flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3-Hy/F 1.000	5273141010	24	1.000	8,2	50	52	52099910
A3-Hy/F 1.600	5273141020	30	1.600	8,6	55	52	52099910
A3-Hy/F 2.000	5273141030	32	2.000	8,9	60	52	52099910
A3-Hy/F 2.400	5273141040	36	2.400	9,3	62	52	52099910
A3-Hy/F 3.000	5273141050	40	3.000	10,0	65	52	52099910

* Minimum warranted range of jet at nominal pressure.

**A3-Hy/FOG, LL, with hydraulic adjustable pressure balance full jet/fog jet nozzle**

Hydraulic remote controlled foam/water monitor A3-Hy/FOG type,

- body seawater resistant light alloy EN AB 42000-Al Si 7 MgTA,
- horizontal and vertical movements with hydraulic motor operated worm gears, with hydraulic limit switches, complete with handwheels and selector device for local manual operation of the monitor,
- horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon rings with greasing nipples, rotation range 340°, elevation range +75°/-55°,
- inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16
- with hydraulic adjustable pressure balance foam/water nozzle for full jet and fog jet, in hard coated light alloy with bumper in synthetic rubber, max. spray angle 130°, flowrate 1.000 lt/min to 3.000 lt/min,
- external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t. ≥ 40μ, n.2 final polyurethane coat red RAL 3000, d.f.t. ≥ 30μ each, total d.f.t. ≥ 100μ

4" ANSI 150 lbs R.F. flange						
Type	Code nr.	Flowrate at 7 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3-Hy/Fog	5273146100	1.000	7,2	50	54	52099921
		1.600	7,6	55		
		2.000	7,9	60		
		2.400	8,3	62		
		3.000	9,0	65		
DN 100 DIN PN 16 flange						
Type	Code nr.	Flowrate at 7 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3-Hy/Fog	5273141100	1.000	7,2	50	54	52099921
		1.600	7,6	55		
		2.000	7,9	60		
		2.400	8,3	62		
		3.000	9,0	65		

* Minimum warranted range of jet at nominal pressure.



A3-Hy/A, LL, with foam/water pipe

- Hydraulic remote controlled foam/water monitor A3-Hy/A type,
- body seawater resistant light alloy EN AB 42000-Al Si 7 MgTA,
 - horizontal and vertical movements with hydraulic motor operated worm gears, with hydraulic limit switches, complete with handwheels and selector device for local manual operation of the monitor,
 - horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon rings with greasing nipples, rotation range 340°, elevation range +75°/-55°,
 - inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16
 - with combined foam/water pipe A type, nozzle light alloy EN AB 42000-Al Si 7 MgTA, pipe stainless steel AISI 304, flowrate 1.000 lt/min to 3.000 lt/min,
 - external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t. ≥ 40μ, n.2 final polyurethanic coat red RAL 3000, d.f.t. ≥ 30μ each, total d.f.t. ≥ 100μ

4" ANSI 150 lbs R.F. flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3-Hy/A 1.000	5273146410	A 1.000	1.000	8,2	45	54	52099918
A3-Hy/A 1.600	5273146420	A 1.600	1.600	8,6	50	54	52099918
A3-Hy/A 2.000	5273146430	A 2.000	2.000	8,9	54	54	52099918
A3-Hy/A 2.400	5273146440	A 2.400	2.400	9,3	56	54	52099918
A3-Hy/A 3.000	5273146450	A 3.000	3.000	10,0	60	54	52099918
DN 100 DIN PN 16 flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3-Hy/A 1.000	5273141410	A 1.000	1.000	8,2	45	54	52099918
A3-Hy/A 1.600	5273141420	A 1.600	1.600	8,6	50	54	52099918
A3-Hy/A 2.000	5273141430	A 2.000	2.000	8,9	54	54	52099918
A3-Hy/A 2.400	5273141440	A 2.400	2.400	9,3	56	54	52099918
A3-Hy/A 3.000	5273141450	A 3.000	3.000	10,0	60	54	52099918

* Minimum warranted range of jet at nominal pressure.



A3-Hy/A-Def, LL, with foam/water pipe and hydraulic operated deflector

Hydraulic remote controlled foam/water monitor A3-Hy/A-Def type,

- body seawater resistant light alloy EN AB 42000-Al Si 7 MgTA,
- horizontal and vertical movements with hydraulic motor operated worm gears, with hydraulic limit switches, complete with handwheels and selector device for local manual operation of the monitor,
- horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon rings with greasing nipples, rotation range 340°, elevation range +75°/-55°,
- inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16
- with combined foam/water pipe A type, nozzle light alloy EN AB 42000-Al Si 7 MgTA, pipe stainless steel AISI 304, flowrate 1.000 lt/min to 3.000 lt/min, with hydraulic operated foam deflector in stainless steel AISI 304 for full jet/flat jet
- external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t. ≥40μ, n.2 final polyurethanic coat red RAL 3000, d.f.t. ≥30μ each, total d.f.t. ≥100μ

4" ANSI 150 lbs R.F. flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange(bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3-Hy/A 1.000Def	5273146510	A 1.000	1.000	8,2	45	62	52099920
A3-Hy/A 1.600Def	5273146520	A 1.600	1.600	8,6	50	62	52099920
A3-Hy/A 2.000Def	5273146530	A 2.000	2.000	8,9	54	62	52099920
A3-Hy/A 2.400Def	5273146540	A 2.400	2.400	9,3	56	62	52099920
A3-Hy/A 3.000Def	5273146550	A 3.000	3.000	10,0	60	62	52099920
DN 100 DIN PN 16 flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange(bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3-Hy/A 1.000Def	5273141510	A 1.000	1.000	8,2	45	62	52099920
A3-Hy/A 1.600Def	5273141520	A 1.600	1.600	8,6	50	62	52099920
A3-Hy/A 2.000Def	5273141530	A 2.000	2.000	8,9	54	62	52099920
A3-Hy/A 2.400Def	5273141540	A 2.400	2.400	9,3	56	62	52099920
A3-Hy/A 3.000Def	5273141550	A 3.000	3.000	10,0	60	62	52099920

* Minimum warranted range of jet at nominal pressure.



A3-Hy Monitors Bz

A3-Hy/F, Bz, with water pipe and full jet nozzle

Hydraulic remote controlled water monitor A3-Hy/F type,

- body Bronze B ZN 7 for seawater service,
- horizontal and vertical movements with hydraulic motor operated worm gears, with hydraulic limit switches, complete with handwheels and selector device for local manual operation of the monitor,
- horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon rings with greasing nipples, rotation range 340°, elevation range +75°/-55°,
- inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16
- with water pipe in light alloy complete with internal flow stabilizers and water full jet nozzle in seawater resistant light alloy EN AB 42000-Al Si 7 MgTA, flowrate 1.000 lt/min to 3.000 lt/min,
- external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t. ≥ 40μ, n.2 final polyurethanic coat red RAL 3000, d.f.t. ≥ 30μ each, total d.f.t. ≥ 100μ

4" ANSI 150 lbs R.F. flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3-Hy/F 1.000	5273246010	24	1.000	8,2	50	85	52099910
A3-Hy/F 1.600	5273246020	30	1.600	8,6	55	85	52099910
A3-Hy/F 2.000	5273246030	32	2.000	8,9	60	85	52099910
A3-Hy/F 2.400	5273246040	36	2.400	9,3	62	85	52099910
A3-Hy/F 3.000	5273246050	40	3.000	10,0	65	85	52099910
DN 100 DIN PN 16 flange							
Type	Code nr.	Nozzle orifice Ø (mm.)	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3-Hy/F 1.000	5273241010	24	1.000	8,2	50	85	52099910
A3-Hy/F 1.600	5273241020	30	1.600	8,6	55	85	52099910
A3-Hy/F 2.000	5273241030	32	2.000	8,9	60	85	52099910
A3-Hy/F 2.400	5273241040	36	2.400	9,3	62	85	52099910
A3-Hy/F 3.000	5273241050	40	3.000	10,0	65	85	52099910

* Minimum warranted range of jet at nominal pressure.

**A3-Hy/FOG, Bz, with hydraulic adjustable pressure balance full jet/fog jet nozzle**

Hydraulic remote controlled foam/water monitor A3-Hy/FOG type,

- body Bronze B ZN 7 for seawater service,
- horizontal and vertical movements with hydraulic motor operated worm gears, with hydraulic limit switches, complete with handwheels and selector device for local manual operation of the monitor,
- horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon rings with greasing nipples, rotation range 340°, elevation range +75°/-55°,
- inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16
- with hydraulic adjustable pressure balance foam/water nozzle for full jet and fog jet, in hard coated light alloy with bumper in synthetic rubber, max. spray angle 130°, flowrate 1.000 lt/min to 3.000 lt/min,
- external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t. ≥ 40μ, n.2 final polyurethane coat red RAL 3000, d.f.t. ≥ 30μ each, total d.f.t. ≥ 100μ

4" ANSI 150 lbs R.F. flange						
Type	Code nr.	Flowrate at 7 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3-Hy/Fog	5273246100	1.000	7,2	50	87	52099921
		1.600	7,6	55		
		2.000	7,9	60		
		2.400	8,3	62		
		3.000	9,0	65		
DN 100 DIN PN 16 flange						
Type	Code nr.	Flowrate at 7 bar (lt./min.)	Pressure at inlet flange (bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3-Hy/Fog	5273241100	1.000	7,2	50	87	52099921
		1.600	7,6	55		
		2.000	7,9	60		
		2.400	8,3	62		
		3.000	9,0	65		

* Minimum warranted range of jet at nominal pressure.



A3-Hy/A, Bz, with foam/water pipe

Hydraulic remote controlled foam/water monitor A3-Hy/A type,

- body Bronze B ZN 7 for seawater service,
- horizontal and vertical movements with hydraulic motor operated worm gears, with hydraulic limit switches, complete with handwheels and selector device for local manual operation of the monitor,
- horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon rings with greasing nipples, rotation range 340°, elevation range +75°/-55°,
- inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16
- with combined foam/water pipe A type, nozzle Bronze B ZN 7, pipe stainless steel AISI 304, flowrate 1.000 lt/min to 3.000 lt/min,
- external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t. ≥ 40μ, n.2 final polyurethanic coat red RAL 3000, d.f.t. ≥ 30μ each, total d.f.t. ≥ 100μ

4" ANSI 150 lbs R.F. flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange(bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3-Hy/A 1.000Def	5273246490	A 1.000	1.000	8,2	45	91	52099918
A3-Hy/A 1.600Def	5273246680	A 1.600	1.600	8,6	50	91	52099918
A3-Hy/A 2.000Def	5273246470	A 2.000	2.000	8,9	54	92	52099918
A3-Hy/A 2.400Def	5273246500	A 2.400	2.400	9,3	56	92	52099918
A3-Hy/A 3.000Def	5273246480	A 3.000	3.000	10,0	60	93	52099918
DN 100 DIN PN 16 flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange(bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3-Hy/A 1.000Def	5273241490	A 1.000	1.000	8,2	45	91	52099918
A3-Hy/A 1.600Def	5273241650	A 1.600	1.600	8,6	50	91	52099918
A3-Hy/A 2.000Def	5273241470	A 2.000	2.000	8,9	54	92	52099918
A3-Hy/A 2.400Def	5273241500	A 2.400	2.400	9,3	56	92	52099918
A3-Hy/A 3.000Def	5273241480	A 3.000	3.000	10,0	60	93	52099918

* Minimum warranted range of jet at nominal pressure.



A3-Hy/A-Def, Bz, with foam/water pipe and hydraulic operated deflector

Hydraulic remote controlled foam/water monitor A3-Hy/A-Def type,

- body Bronze B ZN 7 for seawater service,
- horizontal and vertical movements with hydraulic motor operated worm gears, with hydraulic limit switches, complete with handwheels and selector device for local manual operation of the monitor,
- horizontal and vertical movements on self-lubricating Lubrifon slide bearings and teflon rings with greasing nipples, rotation range 340°, elevation range +75°/-55°,
- inlet flange 4" ANSI 150 lbs R.F., or DN 100 DIN PN 16
- with combined foam/water pipe A type, nozzle Bronze B ZN 7, pipe stainless steel AISI 304, flowrate 1.000 lt/min to 3.000 lt/min, with hydraulic operated foam deflector in stainless steel AISI 304 for full jet/flat jet
- external protective painting: sandblasting SA 2,5, n.1 epoxy primer coat d.f.t. ≥ 40μ, n.2 final polyurethane coat red RAL 3000, d.f.t. ≥ 30μ each, total d.f.t. ≥ 100μ

4" ANSI 150 lbs R.F. flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange(bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3-Hy/A 1.000Def	5273246490	A 1.000	1.000	8,2	45	99	52099920
A3-Hy/A 1.600Def	5273246680	A 1.600	1.600	8,6	50	99	52099920
A3-Hy/A 2.000Def	5273246470	A 2.000	2.000	8,9	54	100	52099920
A3-Hy/A 2.400Def	5273246500	A 2.400	2.400	9,3	56	100	52099920
A3-Hy/A 3.000Def	5273246480	A 3.000	3.000	10,0	60	101	52099920
DN 100 DIN PN 16 flange							
Type	Code nr.	Foam pipe type	Flowrate at 8 bar (lt./min.)	Pressure at inlet flange(bar)	Range of jet (mt.) *	Weight (Kg)	Dwg. nr.
A3-Hy/A 1.000Def	5273241490	A 1.000	1.000	8,2	45	99	52099920
A3-Hy/A 1.600Def	5273241680	A 1.600	1.600	8,6	50	99	52099920
A3-Hy/A 2.000Def	5273241470	A 2.000	2.000	8,9	54	100	52099920
A3-Hy/A 2.400Def	5273241500	A 2.400	2.400	9,3	56	100	52099920
A3-Hy/A 3.000Def	5273241480	A 3.000	3.000	10,0	60	101	52099920

* Minimum warranted range of jet at nominal pressure.