

ABS HOSE REELS N° 223-AB



**ADVANCED FLUID
MANAGEMENT SOLUTIONS**





ABS HOSE REELS

**ADVANCED FLUID
MANAGEMENT SOLUTIONS**

The **RAASM range of hose reels** is designed to meet every need, even **under demanding conditions of use**. The wide variety of products allows you to identify the right hose reel for the fluid to be distributed, based on its viscosity, degree of corrosion and flammability.

Choose the product best suited to your needs, taking into account the type of fluid, working pressure, distance to be covered and hose diameter.

RAASM has developed a complete range of open hose reels with **ABS** drum (**A**crylonitrile **B**utadiene **S**tylene), fixing bracket and arms in **painted steel** or **AISI 304 stainless steel**. Handy and capacious, they combine lightness and strength, and represent a cost-effective solution.

Compatible with **many types of fluids**, even very **aggressive**, and **suitable to be used in different sectors**: cleaning, manufacturing, agriculture, shipping and many others.



ADVANCED FLUID MANAGEMENT SOLUTIONS

RAASM products are the result of careful selection of materials and constant technological research. Through continuous cooperation between company and customer, we guarantee high product quality and highly specialized manufactured goods that can respond flexibly and openly to market needs.

The range offers more than **5000 items** for fluid handling and power distribution, manufactured with sophisticated mechanical, hydraulic and electronic technologies.

Their application embraces the most diverse professions and the widest range of realities of the socio-economic world, spanning different cultures and reaching geographic locations on a planetary scale.

Industries range **from automotive to food, from chemicals to mining, to agriculture**. But also **boating, steelworks, construction, printing, textiles, tanning, cleaning, aviation** and many others, such as **civil defence** and **environmental protection activities**.

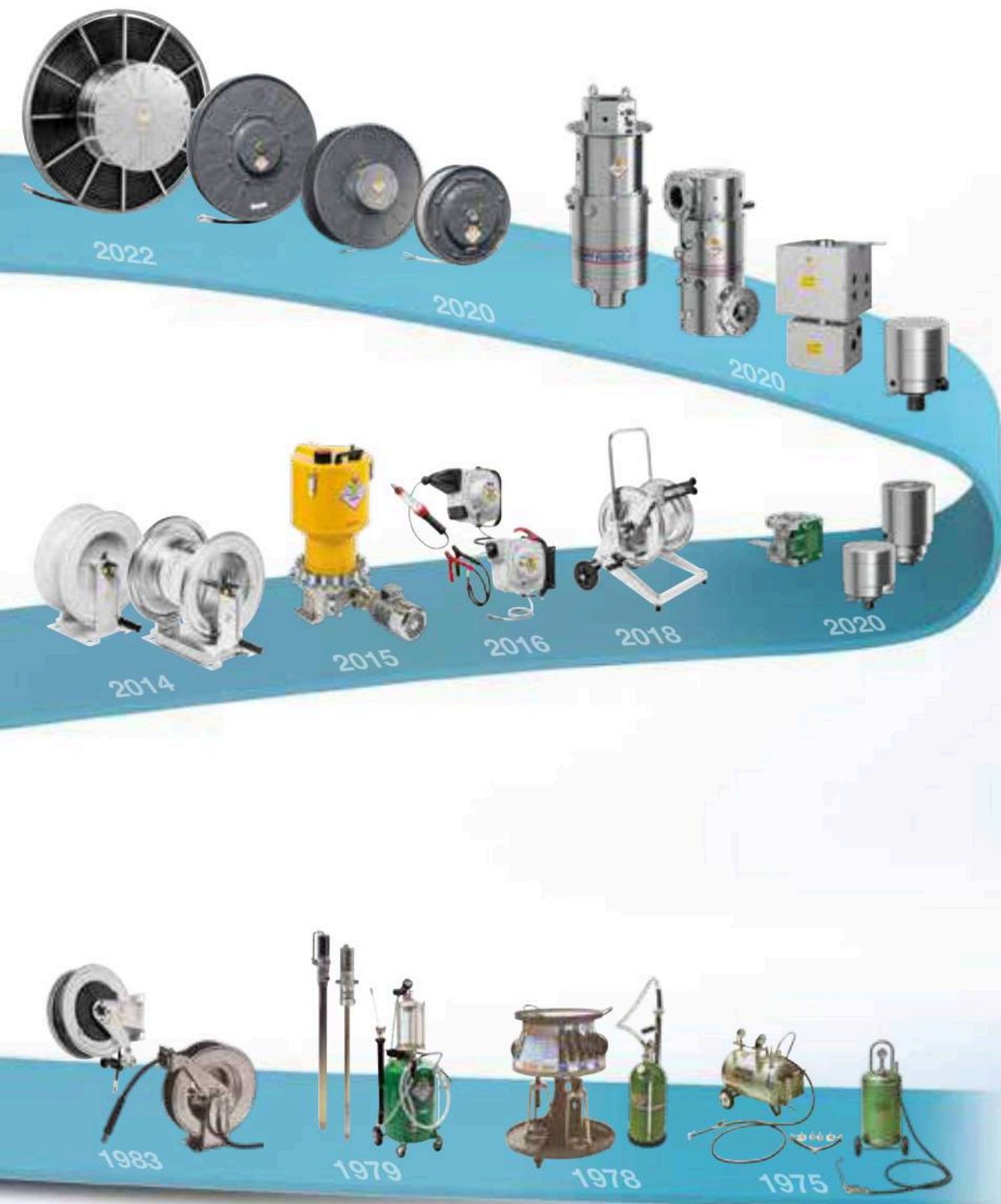
The great success of **RAASM** products is only possible through the power of collective intellect. And this success makes everyone involved proud, from customers to company staff.



2023



**Over 5000 items available
for each sector**





AIR-WATER
10-20 bar

page 10



HOT WATER
50-100 bar

page 12



HOT WATER
200-400 bar

page 14



OIL AND SIMILAR
50-150 bar

page 16



GREASE
400-600 bar

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DIESEL
10-20 bar

page 20



AdBlue®
10-100 bar

page 22



ACCESSORIES

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HOSE REELS WITH ABS DRUMS

They can be supplied with or without hose, with polyurethane (PU), black synthetic rubber or hygienic hose.

All models with hose **include a 0,6 m inlet hose.**

Hose stop is included also in the models without hose.

Fixed and adjustable versions are available.

The hose reel has adjustable arms that can be easily rotated in 3 different positions, according to the specific needs.

The rewinding force is adjustable and allows the specific use for any needs of the different applications. The repeated stress-tests carried out on the spring demonstrate the long-lasting efficiency of the item.

All sliding parts, such as the bushings and the rack, are made of special technopolymers **tested for long-term use.**

Compatible with **many types of fluids**, even very **aggressive** and **suitable to be used in different sectors**: cleaning, manufacturing, agriculture, shipping and many others.

By adding a **special seal** on the spring-side bushing, the **530** and **540 Series** are easily certified with **IP55** rating.



available version
with bracket and arms
in **AISI 304 stainless steel**

Technical characteristics

FIXING BRACKET
Has 4 slotted holes for safe, easy installation.

PAWL
Easy to remove for maintenance or when the work requires free sliding.

STOP RACK
Makes it possible to lock the hose around every 0,5 m.

SPRING
Tested to withstand over 20,000 work cycles.

MULTI-POSITION ARMS
Hose outlet position can be changed manually by modifying the arms installation.

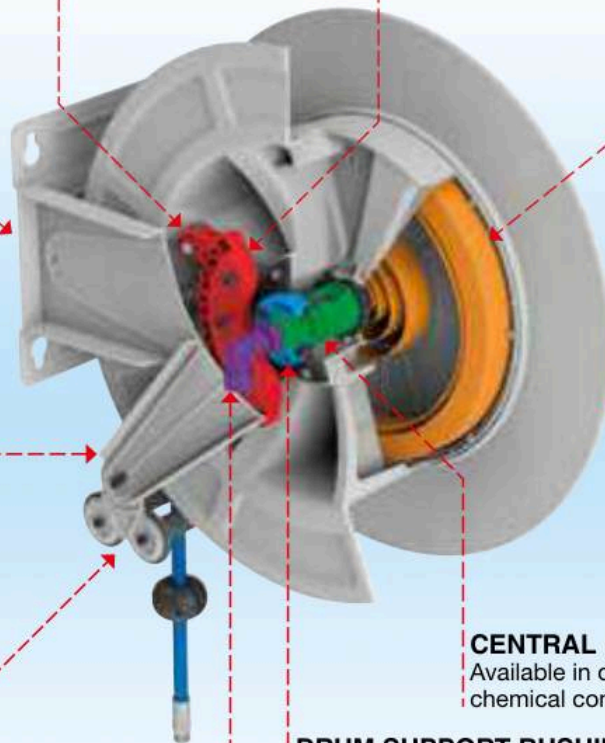
ABS DRUM
Developed to be light, flexible and at the same time resistant to mechanical shocks and in aggressive environments.

CENTRAL PIN
Available in different materials to ensure maximum chemical compatibility with a wide range of fluids.

DRUM SUPPORT BUSHING
Made of self-lubricating technopolymer with excellent wear and corrosion resistance.

SWIVEL JOINT
Designed to minimise load losses. Available in different materials to ensure maximum chemical compatibility with a wide range of fluids.

HOSE GUIDE
Designed with a wide width and with a rollers arrangement such as to reduce the wear of the hose.





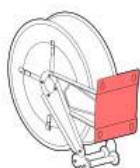
Type of fluid: **AIR-WATER**

Pressure: **10-20 bar**

Material: **PAINTED STEEL - AISI 304 STAINLESS STEEL**



- with hose: see page 30
- without hose: max +80 °C



FIXED*

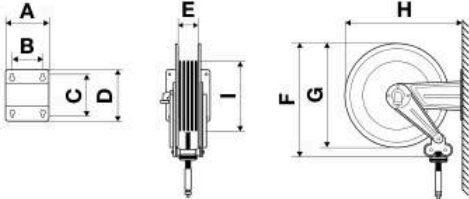
* Swivelling by adding the special bracket see page 27

In accordance with directive



Drum colours		
ABS	RAL 7035	Standard
	RAL 1004	
	RAL 3020	
	RAL 5002	
	RAL 9005	

Hoses			Connections	Seals	Swivel joint	Central pin
black rubber	hygienic rubber	PU	galvanized steel	Viton®	brass	galvanized steel AISI 304 s. steel
0,6 m inlet hose included						

Dimensions (mm)			Series	A	B	C	D	E	F	G	H	I	Packaging (mm) WxDxH	
	430 ABS	186	140	197	226	110	450	425	461	259		580 x 280 x 590		
	530 ABS	203	153	221	258	121	535	510	558	327		650 x 290 x 700		
	540 ABS	300	218	227	268	183	535	510	573	327		660 x 390 x 690		
(W: width - D: depth - H: height)														

**PAINTED
BRACKETS AND ARMS**



Series	P/N	Hose supplied	Connection		Weight (kg)	
			Inlet	Outlet	Net	Gross
430 ABS 20 bar	9430.100	without hose *	G 1/2" (f)	G 1/2" (f)	10,2	13,5
	9430.101	12 m - 3/8" (995.212)	G 1/2" (f)	G 3/8" (m)	12,6	15,9
	9430.102	18 m - 3/8" (995.218)	G 1/2" (f)	G 3/8" (m)	13,5	16,8
	9430.103	10 m - 1/2" (996.210)	G 1/2" (f)	G 1/2" (m)	13,0	16,3
	9430.104	15 m - 1/2" (996.215)	G 1/2" (f)	G 1/2" (m)	14,0	17,3
	9438.101	10 m - 1/2" (976.111)	G 1/2" (f)	G 1/2" (m)	13,0	16,3
	9438.102	15 m - 1/2" (976.115)	G 1/2" (f)	G 1/2" (m)	14,0	17,3

Hose reel capacity without hose	inner hose ø max length	*	5/16"	3/8"	1/2"
			20 m	20 m	16 m

530 ABS 20 bar	9530.100	without hose *	G 1/2" (f)	G 1/2" (f)	14,2	18,2
	9530.101	20 m - 1/2" (996.220)	G 1/2" (f)	G 1/2" (m)	20,0	24,0
	9530.102	25 m - 1/2" (996.225)	G 1/2" (f)	G 1/2" (m)	20,4	24,4
	9530.150	without hose **	G 1" (f)	G 1" (f)	16,0	20,0
	9538.101	20 m - 1/2" (976.120)	G 1/2" (f)	G 1/2" (m)	19,7	23,7
	9538.102	25 m - 1/2" (976.125)	G 1/2" (f)	G 1/2" (m)	20,8	24,8

Hose reel capacity without hose	inner hose ø max length	*	3/8"	1/2"	**	5/8"	3/4"	1"
			25 m	25 m		20 m	12 m	8 m

540 ABS 20 bar	9540.100	without hose *	G 1" (f)	G 1" (f)	18,4	23,4
	9540.101	15 m - 3/4" (997.215)	G 1" (f)	G 3/4" (m)	24,7	29,7
	9540.102	20 m - 3/4" (997.220)	G 1" (f)	G 3/4" (m)	26,4	31,4
	9540.103	15 m - 1" (998.215)	G 1" (f)	G 1" (m)	26,9	31,9
	9540.105	without hose **	G 1/2" (f)	G 1/2" (f)	17,0	22,0
	9540.106	30 m - 1/2" (996.230)	G 1/2" (f)	G 1/2" (m)	25,0	30,0

Hose reel capacity without hose	inner hose ø max length	*	5/8"	3/4"	1"	**	3/8"	1/2"
			20 m	22 m	15 m		30 m	30 m

**AISI 304 S. STEEL
BRACKETS AND ARMS**

AISI 304 s. steel
central pin



Series	P/N	Hose supplied	Connection		Weight (kg)	
			Inlet	Outlet	Net	Gross
430 ABS 20 bar	9432.100	without hose *	G 1/2" (f)	G 1/2" (f)	10,2	13,5
	9432.101	12 m - 3/8" (995.212)	G 1/2" (f)	G 3/8" (m)	12,6	15,9
	9432.102	18 m - 3/8" (995.218)	G 1/2" (f)	G 3/8" (m)	13,5	16,8
	9432.103	10 m - 1/2" (996.210)	G 1/2" (f)	G 1/2" (m)	13,0	16,3
	9432.104	15 m - 1/2" (996.215)	G 1/2" (f)	G 1/2" (m)	14,0	17,3
	9433.101	10 m - 1/2" (996.110)	G 1/2" (f)	G 1/2" (m)	12,6	15,9
	9433.102	15 m - 1/2" (996.116)	G 1/2" (f)	G 1/2" (m)	13,5	16,8

Hose reel capacity without hose	inner hose ø max length	*	5/16"	3/8"	1/2"
			20 m	20 m	16 m

530 ABS 20 bar	9532.100	without hose *	G 1/2" (f)	G 1/2" (f)	14,2	18,2
	9532.101	20 m - 1/2" (996.220)	G 1/2" (f)	G 1/2" (m)	20,0	24,0
	9532.102	25 m - 1/2" (996.225)	G 1/2" (f)	G 1/2" (m)	20,4	24,4
	9532.150	without hose **	G 1" (f)	G 1" (f)	16,0	20,0
	9533.102	25 m - 1/2" (996.125)	G 1/2" (f)	G 1/2" (m)	20,4	24,4

Hose reel capacity without hose	inner hose ø max length	*	3/8"	1/2"	**	5/8"	3/4"	1"
			25 m	25 m		20 m	12 m	8 m

540 ABS 20 bar	9542.100	without hose *	G 1" (f)	G 1" (f)	18,4	23,4
	9542.101	15 m - 3/4" (997.215)	G 1" (f)	G 3/4" (m)	24,7	29,7
	9542.102	20 m - 3/4" (997.220)	G 1" (f)	G 3/4" (m)	26,4	31,4
	9542.103	15 m - 1" (998.215)	G 1" (f)	G 1" (m)	26,9	31,9
	9542.105	without hose **	G 1/2" (f)	G 1/2" (f)	17,0	22,0
	9542.106	30 m - 1/2" (996.230)	G 1/2" (f)	G 1/2" (m)	25,0	30,0

Hose reel capacity without hose	inner hose ø max length	*	5/8"	3/4"	1"	**	3/8"	1/2"
			20 m	22 m	15 m		30 m	30 m

FDA hygienic hose

Black rubber hose

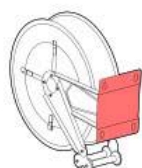
PU hygienic hose



Type of fluid: **HOT WATER**
 Pressure: **50-100 bar**
 Material: **PAINTED STEEL - AISI 304 STAINLESS STEEL**



- with hose: see page 30
 - without hose: max +80 °C



FIXED*

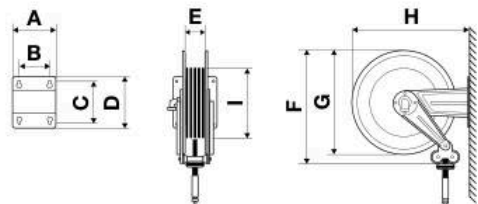
* Swivelling by adding the special bracket see page 27

In accordance with directive



Drum colours		
ABS	RAL 7035 RAL 1004 RAL 3020 RAL 5002 RAL 9005	Standard

Hoses		Connections	Seals	Swivel joint	Central pin
black rubber	hygienic rubber	galvanized steel	Viton®	AISI 304 stainless steel	galvanized steel AISI 304 s. steel
					
0,6 m inlet hose included					

Dimensions (mm)			Series	A	B	C	D	E	F	G	H	I	Packaging (mm) WxDxH	
			430 ABS	186	140	197	226	110	450	425	461	259		580 x 280 x 590
			530 ABS	203	153	221	258	121	535	510	558	327		650 x 290 x 700
			540 ABS	300	218	227	268	183	535	510	573	327		660 x 390 x 690

(W: width - D: depth - H: height)

**PAINTED
BRACKETS AND ARMS**



Series	P/N	Hose supplied	Connection		Weight (kg)	
			Inlet	Outlet	Net	Gross
430 ABS 100 bar	9430.200	without hose *	G 1/2" (f)	G 1/2" (f)	10,2	13,5
	9430.201	10 m - 1/2" (996.311)	G 1/2" (f)	G 1/2" (m)	14,8	18,1
	9430.202	15 m - 1/2" (996.316)	G 1/2" (f)	G 1/2" (m)	16,2	19,5
	9431.202	15 m - 1/2" (996.415)	G 1/2" (f)	G 1/2" (m)	16,2	19,5
Hose reel capacity without hose		inner hose ø max length	* 5/16" 20 m	3/8" 20 m	1/2" 16 m	



530 ABS 100 bar	9530.200	without hose *	G 1/2" (f)	G 1/2" (f)	14,2	18,2
	9530.201	20 m - 1/2" (996.321)	G 1/2" (f)	G 1/2" (m)	22,8	26,8
	9530.202	25 m - 1/2" (996.326)	G 1/2" (f)	G 1/2" (m)	24,1	28,1
	9530.250	without hose **	G 1" (f)	G 1" (f)	16,0	20,0
	9531.202	25 m - 1/2" (996.425)	G 1/2" (f)	G 1/2" (m)	23,6	27,6
Hose reel capacity without hose		inner hose ø max length	* 3/8" 25 m	1/2" 25 m	** 5/8" 20 m	3/4" 12 m 1" 8 m



540 ABS 100 bar	9540.200	without hose *	G 1" (f)	G 1" (f)	18,4	23,4
	9540.201	15 m - 3/4" (997.315)	G 1" (f)	G 3/4" (m)	28,3	33,3
	9540.202	20 m - 3/4" (997.320)	G 1" (f)	G 3/4" (m)	30,7	35,7
	9540.205	without hose **	G 1/2" (f)	G 1/2" (f)	17,0	22,0
	9541.201	15 m - 3/4" (997.415)	G 1" (f)	G 3/4" (f)	28,3	33,3
	9541.202	20 m - 3/4" (997.420)	G 1" (f)	G 3/4" (f)	30,7	35,7
50 bar	9540.203	15 m - 1" (998.315)	G 1" (f)	G 1" (m)	31,9	36,9
	9541.203	15 m - 1" (998.414)	G 1" (f)	G 1" (m)	31,9	36,9
Hose reel capacity without hose		inner hose ø max length	* 5/8" 20 m	3/4" 22 m	1" 15 m	** 3/8" 30 m 1/2" 30 m

**AISI 304 S. STEEL
BRACKETS AND ARMS**

AISI 304 s. steel
central pin



Series	P/N	Hose supplied	Connection		Weight (kg)	
			Inlet	Outlet	Net	Gross
430 ABS 100 bar	9434.200	without hose *	G 1/2" (f)	G 1/2" (f)	10,2	13,5
	9432.201	10 m - 1/2" (996.311)	G 1/2" (f)	G 1/2" (m)	14,8	18,1
	9432.202	15 m - 1/2" (996.316)	G 1/2" (f)	G 1/2" (m)	16,2	19,5
	9433.202	15 m - 1/2" (996.415)	G 1/2" (f)	G 1/2" (m)	16,2	19,5
Hose reel capacity without hose		inner hose ø max length	* 5/16" 20 m	3/8" 20 m	1/2" 16 m	



530 ABS 100 bar	9534.200	without hose *	G 1/2" (f)	G 1/2" (f)	14,2	18,2
	9532.201	20 m - 1/2" (996.321)	G 1/2" (f)	G 1/2" (m)	22,8	26,8
	9532.202	25 m - 1/2" (996.326)	G 1/2" (f)	G 1/2" (m)	24,1	28,1
	9533.202	25 m - 1/2" (996.425)	G 1/2" (f)	G 1/2" (m)	23,6	27,6
	9534.250	without hose **	G 1" (f)	G 1" (f)	16,0	20,0
Hose reel capacity without hose		inner hose ø max length	* 3/8" 25 m	1/2" 25 m	** 5/8" 20 m	3/4" 12 m 1" 8 m



540 ABS 100 bar	9544.200	without hose *	G 1" (f)	G 1" (f)	18,4	23,4
	9542.201	15 m - 3/4" (997.315)	G 1" (f)	G 3/4" (m)	28,3	33,3
	9542.202	20 m - 3/4" (997.320)	G 1" (f)	G 3/4" (m)	30,7	35,7
	9543.201	15 m - 3/4" (997.415)	G 1" (f)	G 3/4" (f)	28,3	33,3
	9543.202	20 m - 3/4" (997.420)	G 1" (f)	G 3/4" (f)	30,7	35,7
	9544.205	without hose **	G 1/2" (f)	G 1/2" (f)	17,0	22,0
	9542.203	15 m - 1" (998.315)	G 1" (f)	G 1" (m)	31,9	36,9
	9543.203	15 m - 1" (998.414)	G 1" (f)	G 1" (m)	31,9	36,9
Hose reel capacity without hose		inner hose ø max length	* 5/8" 20 m	3/4" 22 m	1" 15 m	** 3/8" 30 m 1/2" 30 m

Hygienic hose

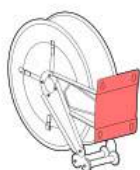
Black rubber hose



Type of fluid: **HOT WATER**
 Pressure: **200-400 bar**
 Material: **PAINTED STEEL - AISI 304 STAINLESS STEEL**



- with hose: see page 30
 - without hose: max +80 °C



FIXED*

* Swivelling by adding the special bracket see page 27

In accordance with directive



Drum colours		
ABS	RAL 7035	Standard
	RAL 1004	
	RAL 3020	
	RAL 5002	
	RAL 9005	

Hoses		Connections	Seals	Swivel joint	Central pin
black rubber	hygienic rubber	galvanized steel	Viton® -Teflon®	AISI 304 stainless steel	galvanized steel AISI 304 s. steel
0,6 m inlet hose included					

Dimensions (mm)			Series	A	B	C	D	E	F	G	H	I	Packaging (mm) WxDxH	
			430 ABS	186	140	197	226	110	450	425	461	259		580 x 280 x 590
			530 ABS	203	153	221	258	121	535	510	558	327		650 x 290 x 700
			540 ABS	300	218	227	268	183	535	510	573	327		660 x 390 x 690

(W: width - D: depth - H: height)

**PAINTED
BRACKETS AND ARMS**



Series	P/N	Hose supplied	Connection		Weight (kg)	
			Inlet	Outlet	Net	Gross
430 ABS 200 bar	9430.300	without hose *	G 3/8" (f)	G 1/2" (f)	10,2	13,5
	9430.301	12 m - 3/8" (995.512)	G 3/8" (f)	G 3/8" (f)	14,4	17,7
	9430.302	18 m - 3/8" (995.518)	G 3/8" (f)	G 3/8" (f)	15,6	18,9
	9431.302	18 m - 3/8" (995.618)	G 3/8" (f)	G 3/8" (f)	15,8	19,1
430 ABS 400 bar	9430.350	without hose **	G 3/8" (f)	G 1/2" (f)	10,2	13,5
	9430.353	10 m - 3/8" (995.810)	G 3/8" (f)	G 3/8" (f)	14,8	18,1
	9430.354	15 m - 3/8" (995.815)	G 3/8" (f)	G 3/8" (f)	17,2	20,5
Hose reel capacity without hose		inner hose ø max length	* 5/16" 20 m	3/8" 20 m	1/2" 16 m	** 5/16" 12 m
						3/8" 15 m
530 ABS 200 bar	9530.300	without hose *	G 3/8" (f)	G 1/2" (f)	14,2	18,2
	9530.301	20 m - 3/8" (995.520)	G 3/8" (f)	G 3/8" (f)	20,1	24,1
	9530.302	25 m - 3/8" (995.525)	G 3/8" (f)	G 3/8" (m)	21,6	25,6
	9531.302	25 m - 3/8" (995.625)	G 3/8" (f)	G 3/8" (m)	21,8	25,8
530 ABS 400 bar	9530.350	without hose **	G 3/8" (f)	G 1/2" (f)	14,2	18,2
	9530.352	25 m - 3/8" (995.825)	G 3/8" (f)	G 3/8" (f)	24,9	28,9
Hose reel capacity without hose		inner hose ø max length	* 3/8" 25 m	1/2" 25 m	** 3/8" 25 m	1/2" 25 m
540 ABS 200 bar	9540.300	without hose *	G 3/8" (f)	G 1/2" (f)	17,1	22,1
	9540.301	30 m - 3/8" (995.530)	G 3/8" (f)	G 3/8" (f)	25,8	30,8
	9541.301	30 m - 3/8" (995.630)	G 3/8" (f)	G 3/8" (f)	25,8	30,8
	9540.350	without hose **	G 3/8" (f)	G 1/2" (f)	17,1	22,1
540 ABS 400 bar	9540.351	30 m - 3/8" (995.830)	G 3/8" (f)	G 3/8" (f)	30,1	35,1
Hose reel capacity without hose		inner hose ø max length	* 3/8" 30 m	1/2" 30 m	** 3/8" 30 m	1/2" 30 m

**AISI 304 S. STEEL
BRACKETS AND ARMS**

AISI 304 s. steel
central pin



Series	P/N	Hose supplied	Connection		Weight (kg)	
			Inlet	Outlet	Net	Gross
430 ABS 200 bar	9434.300	without hose *	G 3/8" (f)	G 1/2" (f)	10,2	13,5
	9432.301	12 m - 3/8" (995.512)	G 3/8" (f)	G 3/8" (f)	14,4	17,7
	9432.302	18 m - 3/8" (995.518)	G 3/8" (f)	G 3/8" (f)	15,6	18,9
	9433.302	18 m - 3/8" (995.618)	G 3/8" (f)	G 3/8" (f)	15,8	19,1
430 ABS 400 bar	9434.350	without hose **	G 3/8" (f)	G 1/2" (f)	10,2	13,5
	9432.353	10 m - 3/8" (995.810)	G 3/8" (f)	G 3/8" (f)	14,8	18,1
	9432.354	15 m - 3/8" (995.815)	G 3/8" (f)	G 3/8" (f)	17,2	20,5
Hose reel capacity without hose		inner hose ø max length	* 5/16" 20 m	3/8" 20 m	1/2" 16 m	** 5/16" 12 m
						3/8" 15 m
530 ABS 200 bar	9534.300	without hose *	G 3/8" (f)	G 1/2" (f)	14,2	18,2
	9532.301	20 m - 3/8" (995.520)	G 3/8" (f)	G 3/8" (f)	20,1	24,1
	9532.302	25 m - 3/8" (995.525)	G 3/8" (f)	G 3/8" (m)	21,6	25,6
	9533.302	25 m - 3/8" (995.625)	G 3/8" (f)	G 3/8" (m)	21,8	25,8
530 ABS 400 bar	9534.350	without hose *	G 3/8" (f)	G 1/2" (f)	14,2	18,2
	9532.352	25 m - 3/8" (995.825)	G 3/8" (f)	G 3/8" (f)	24,9	28,9
	9533.352	25 m - 3/8" (995.925)	G 3/8" (f)	G 3/8" (m)	24,9	28,9
Hose reel capacity without hose		inner hose ø max length	* 3/8" 25 m	1/2" 25 m		
540 ABS 200 bar	9544.300	without hose *	G 3/8" (f)	G 1/2" (f)	18,4	23,4
	9542.301	30 m - 3/8" (995.530)	G 3/8" (f)	G 3/8" (f)	27,1	32,1
	9543.301	30 m - 3/8" (995.630)	G 3/8" (f)	G 3/8" (f)	27,1	32,1
	9542.351	30 m - 3/8" (995.830)	G 3/8" (f)	G 3/8" (f)	31,4	36,4
540 ABS 400 bar	9544.350	without hose **	G 3/8" (f)	G 1/2" (f)	18,4	23,4
Hose reel capacity without hose		inner hose ø max length	* 3/8" 30 m	1/2" 30 m	** 3/8" 30 m	1/2" 30 m

Hygienic hose

Black rubber hose



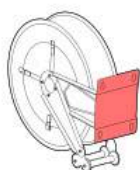
Type of fluid: **OIL AND SIMILAR**

Pressure: **50-150 bar**

Material: **PAINTED STEEL - AISI 304 STAINLESS STEEL**



- with hose: see page 30
- without hose: max +80 °C



FIXED*

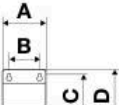
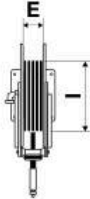
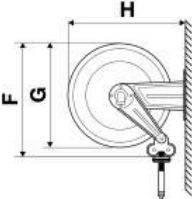
* Swivelling by adding the special bracket see page 27

In accordance with directive



Drum colours		
ABS	RAL 7035	Standard
	RAL 1004	
	RAL 3020	
	RAL 5002	
	RAL 9005	

Hoses	Connections	Seals	Swivel joint	Central pin
black rubber	galvanized steel	polyurethane	galvanized steel	galvanized steel
		Viton®	AISI 304 s. steel	AISI 304 s. steel
0,6 m inlet hose included				

Dimensions (mm)			Series	A	B	C	D	E	F	G	H	I	Packaging (mm) WxDxH	
			430 ABS	186	140	197	226	110	450	425	461	259		580 x 280 x 590
			530 ABS	203	153	221	258	121	535	510	558	327		650 x 290 x 700
			540 ABS	300	218	227	268	183	535	510	573	327		660 x 390 x 690
(W: width - D: depth - H: height)														

(W: width - D: depth - H: height)

**PAINTED
BRACKETS AND ARMS**



Series	P/N	Hose supplied	Connection		Weight (kg)	
			Inlet	Outlet	Net	Gross
430 ABS 150 bar for suction	9430.400	without hose *	G 1/2" (f)	G 1/2" (f)	10,2	13,5
	9430.401	10 m - 1/2" (996.310)	G 1/2" (f)	G 1/2" (m)	14,2	17,5
	9430.402	15 m - 1/2" (996.315)	G 1/2" (f)	G 1/2" (m)	16,4	19,7
	9430.400/AS	without hose *	G 1/2" (f)	G 1/2" (f)	10,2	13,5
430 ABS 100 bar	9430.415	without hose **	G 1/2" (f)	G 1/2" (m)	10,7	14,0
	9430.416	10 m - 5/8" (999.3310)	G 3/4" (f)	G 3/4" (m)	15,6	18,9
	9430.417	8 m - 3/4" (997.3308)	G 3/4" (f)	G 3/4" (m)	15,6	18,9
Hose reel capacity without hose		inner hose ø max length	* 5/16" 20 m	3/8" 20 m	1/2" 16 m	** 5/8" 14 m 3/4" 8 m

530 ABS 150 bar	9530.400	without hose *	G 1/2" (f)	G 1/2" (f)	14,2	18,2
	9530.401	20 m - 1/2" (996.320)	G 1/2" (f)	G 1/2" (m)	22,3	26,3
	9538.402	25 m - 1/2" (996.325)	G 1/2" (f)	G 1/2" (m)	24,2	28,2
530 ABS 100 bar	9530.415	without hose **	G 1" (f)	G 1" (f)	16,0	20,0
	9530.416	12 m - 3/4" (997.3312)	G 1" (f)	G 3/4" (m)	21,5	25,5
Hose reel capacity without hose		inner hose ø max length	* 3/8" 25 m	1/2" 25 m	** 3/4" 12 m	1" 8 m

540 ABS 150 bar	9540.400	without hose *	G 1" (f)	G 1" (f)	18,4	23,4
	9540.405	without hose **	G 1/2" (f)	G 1/2" (f)	17,1	22,1
	9540.406	30 m - 1/2" (996.330)	G 1/2" (f)	G 1/2" (m)	28,8	33,8
540 ABS 100 bar	9540.411	15 m - 3/4" (997.3315)	G 1" (f)	G 3/4" (m)	28,1	33,1
	9540.412	20 m - 3/4" (997.3320)	G 1" (f)	G 3/4" (m)	30,7	35,7
540 ABS 50 bar	9540.413	15 m - 1" (998.3315)	G 1" (f)	G 1" (f)	32,7	37,7
	9540.414	10 m - 1" (998.3310)	G 1" (f)	G 1" (f)	27,6	32,6
Hose reel capacity without hose		inner hose ø max length	* 3/4" 22 m	1" 15 m	** 3/8" 30 m	1/2" 30 m

**AISI 304 S. STEEL
BRACKETS AND ARMS**

AISI 304 s. steel
central pin



Series	P/N	Hose supplied	Connection		Weight (kg)	
			Inlet	Outlet	Net	Gross
430 ABS 150 bar	9434.200	without hose *	G 1/2" (f)	G 1/2" (f)	10,2	13,5
	9432.401	10 m - 1/2" (996.310)	G 1/2" (f)	G 1/2" (m)	14,2	17,5
	9432.402	15 m - 1/2" (996.315)	G 1/2" (f)	G 1/2" (m)	16,4	19,7
Hose reel capacity without hose		inner hose ø max length	* 5/16" 20 m	3/8" 20 m	1/2" 16 m	

530 ABS 150 bar	9534.200	without hose *	G 1/2" (f)	G 1/2" (f)	14,2	18,2
	9532.401	20 m - 1/2" (996.320)	G 1/2" (f)	G 1/2" (m)	22,3	26,3
	9532.201	20 m - 1/2" (996.321)	G 1/2" (f)	G 1/2" (m)	22,8	26,8
	9532.202	25 m - 1/2" (996.326)	G 1/2" (f)	G 1/2" (m)	24,1	28,1
	9534.250	without hose **	G 1" (f)	G 1" (f)	16,0	20,0
Hose reel capacity without hose		inner hose ø max length	* 3/8" 25 m	1/2" 25 m	** 5/8" 20 m	3/4" 12 m 1" 8 m

540 ABS 150 bar	9544.200	without hose *	G 1" (f)	G 1" (f)	18,4	23,4
	9544.205	without hose **	G 1/2" (f)	G 1/2" (f)	17,1	22,1
	9542.406	30 m - 1/2" (996.330)	G 1/2" (f)	G 1/2" (m)	28,8	33,8
540 ABS 100 bar	9542.411	15 m - 3/4" (997.3315)	G 1" (f)	G 3/4" (m)	28,1	33,1
	9542.412	20 m - 3/4" (997.3320)	G 1" (f)	G 3/4" (m)	30,7	35,7
540 ABS 50 bar	9542.413	15 m - 1" (998.3315)	G 1" (f)	G 1" (f)	32,7	37,7
	9542.414	10 m - 1" (998.3310)	G 1" (f)	G 1" (f)	27,6	32,6
Hose reel capacity without hose		inner hose ø max length	* 3/4" 22 m	1" 15 m	** 3/8" 30 m	1/2" 30 m

Prepared with outlet connection for ø 3/4" hoses

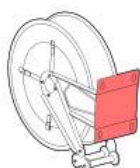
Black rubber hose



Type of fluid: **GREASE**
 Pressure: **400-600 bar**
 Material: **PAINTED STEEL - AISI 304 STAINLESS STEEL**



- with hose: see page 30
 - without hose: max +80 °C



FIXED*

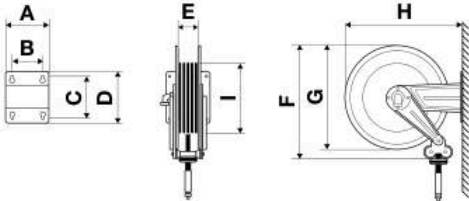
* Swivelling by adding the special bracket see page 27

In accordance with directive



Drum colours		
ABS	RAL 7035	Standard
	RAL 1004	
	RAL 3020	
	RAL 5002	
	RAL 9005	

Hoses	Connections	Seals	Swivel joint	Central pin
black rubber	galvanized steel	polyurethane	galvanized steel	galvanized steel AISI 304 s. steel
0,6 m inlet hose included				

Dimensions (mm)			Series	A	B	C	D	E	F	G	H	I	Packaging (mm) WxDxH	
	430 ABS	186	140	197	226	110	450	425	461	259		580 x 280 x 590		
	530 ABS	203	153	221	258	121	535	510	558	327		650 x 290 x 700		
	540 ABS	300	218	227	268	183	535	510	573	327		660 x 390 x 690		
(W: width - D: depth - H: height)														

(W: width - D: depth - H: height)

**PAINTED
BRACKETS AND ARMS**



Series	P/N	Hose supplied	Connection		Weight (kg)	
			Inlet	Outlet	Net	Gross
430 ABS 600 bar	9430.500	without hose *	G 3/8" (f)	G 1/2" (f)	10,2	13,5
430 ABS 400 bar	9430.501	12 m - 1/4" (993.512)	G 3/8" (f)	G 1/4" (m)	14,0	17,3
	9430.502	18 m - 1/4" (993.518)	G 3/8" (f)	G 1/4" (m)	15,8	19,1
	9430.505	10 m - 3/8" (995.710)	G 3/8" (f)	G 1/4" (m)	14,8	18,1
	9430.506	15 m - 3/8" (995.715)	G 3/8" (f)	G 1/4" (m)	16,6	19,9
Hose reel capacity without hose		inner hose Ø max length	* 5/16" 3/8" 12 m 15 m			



530 ABS 600 bar	9530.500	without hose *	G 3/8" (f)	G 1/2" (f)	14,2	18,2
530 ABS 400 bar	9530.501	20 m - 3/8" (995.720)	G 3/8" (f)	G 1/4" (m)	22,7	26,7
	9530.502	25 m - 3/8" (995.725)	G 3/8" (f)	G 1/4" (m)	24,7	28,7
Hose reel capacity without hose		inner hose Ø max length	* 3/8" 1/2" 25 m 25 m			



540 ABS 600 bar	9540.500	without hose *	G 3/8" (f)	G 1/2" (f)	17,1	22,1
540 ABS 400 bar	9540.501	30 m - 3/8" (995.730)	G 3/8" (f)	G 1/4" (m)	30,1	35,1
Hose reel capacity without hose		inner hose Ø max length	* 3/8" 1/2" 30 m 30 m			

**AISI 304 S. STEEL
BRACKETS AND ARMS**

AISI 304 s. steel
central pin



Series	P/N	Hose supplied	Connection		Weight (kg)	
			Inlet	Outlet	Net	Gross
430 ABS 600 bar	9432.500	without hose *	G 3/8" (f)	G 1/2" (f)	10,2	13,5
430 ABS 400 bar	9432.501	12 m - 1/4" (993.512)	G 3/8" (f)	G 1/4" (m)	14,0	17,3
	9432.502	18 m - 1/4" (993.518)	G 3/8" (f)	G 1/4" (m)	15,8	19,1
	9432.505	10 m - 3/8" (995.710)	G 3/8" (f)	G 1/4" (m)	14,8	18,1
	9432.506	15 m - 3/8" (995.715)	G 3/8" (f)	G 1/4" (m)	16,6	19,9
Hose reel capacity without hose		inner hose Ø max length	* 5/16" 3/8" 12 m 15 m			



530 ABS 600 bar	9532.500	without hose *	G 3/8" (f)	G 1/2" (f)	14,2	18,2
Hose reel capacity without hose		inner hose Ø max length	* 3/8" 1/2" 25 m 25 m			



540 ABS 600 bar	9542.500	without hose *	G 3/8" (f)	G 1/2" (f)	17,1	22,1
400 bar	9542.501	30 m - 3/8" (995.730)	G 3/8" (f)	G 1/4" (m)	30,1	35,1
Hose reel capacity without hose		inner hose Ø max length	* 3/8" 1/2" 30 m 30 m			

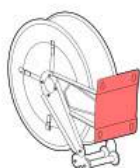
Black rubber hose



Type of fluid: **DIESEL**
 Pressure: **10-20 bar**
 Material: **PAINTED STEEL - AISI 304 STAINLESS STEEL**



- with hose: see page 30
 - without hose: max +80 °C



FIXED*

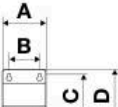
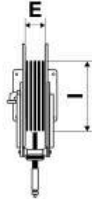
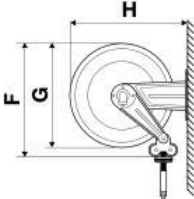
* Swivelling by adding the special bracket see page 27

In accordance with directive



Drum colours		
ABS	RAL 7035	Standard
	RAL 1004	
	RAL 3020	
	RAL 5002	
	RAL 9005	

Hoses	Connections	Seals	Swivel joint	Central pin
black rubber	galvanized steel	Viton®	brass	galvanized steel AISI 304 s. steel
0,6 m inlet hose included				

Dimensions (mm)			Series	A	B	C	D	E	F	G	H	I	Packaging (mm) WxDxH	
			430 ABS	186	140	197	226	110	450	425	461	259		580 x 280 x 590
			530 ABS	203	153	221	258	121	535	510	558	327		650 x 290 x 700
			540 ABS	300	218	227	268	183	535	510	573	327		660 x 390 x 690
(W: width - D: depth - H: height)														

(W: width - D: depth - H: height)

**PAINTED
BRACKETS AND ARMS**



Series	P/N	Hose supplied	Connection		Weight (kg)	
			Inlet	Outlet	Net	Gross
430 ABS 20 bar	9430.600	without hose *	G 1/2" (f)	G 1/2" (m)	10,7	14,0
430 ABS 10 bar	9430.601	10 m - 5/8" (999.810)	G 3/4" (f)	G 3/4" (m)	14,7	18,0
	9430.602	8 m - 3/4" (997.808)	G 3/4" (f)	G 3/4" (m)	14,6	17,9

Hose reel capacity without hose inner hose ø max length * 1/2" 5/8" 3/4"
16 m 14 m 8 m



530 ABS 20 bar	9530.150	without hose *	G 1" (f)	G 1" (f)	16,0	20,0
530 ABS 10 bar	9530.603	12 m - 3/4" (997.812)	G 1" (f)	G 3/4" (m)	22,2	26,2
	9530.604	8 m - 1" (998.808)	G 1" (f)	G 1" (m)	21,5	25,5

Hose reel capacity without hose inner hose ø max length * 5/8" 3/4" 1"
22 m 12 m 8 m



540 ABS 20 bar	9540.100	without hose *	G 1" (f)	G 1" (f)	18,4	23,4
540 ABS 10 bar	9540.601	15 m - 3/4" (997.815)	G 1" (f)	G 3/4" (m)	24,8	29,8
	9540.602	20 m - 3/4" (997.820)	G 1" (f)	G 3/4" (m)	27,5	32,5
	9540.603	15 m - 1" (998.815)	G 1" (f)	G 1" (m)	29,7	34,7
	9540.604	10 m - 1" (998.810)	G 1" (f)	G 1" (m)	26,1	31,1

Hose reel capacity without hose inner hose ø max length * 3/4" 1"
22 m 15 m

**AISI 304 S. STEEL
BRACKETS AND ARMS**

AISI 304 s. steel
central pin



Series	P/N	Hose supplied	Connection		Weight (kg)	
			Inlet	Outlet	Net	Gross
430 ABS 20 bar	9432.600	without hose *	G 1/2" (f)	G 1/2" (m)	10,7	14,0
430 ABS 10 bar	9432.601	10 m - 5/8" (999.810)	G 3/4" (f)	G 3/4" (m)	14,7	18,0
	9432.602	8 m - 3/4" (997.808)	G 3/4" (f)	G 3/4" (m)	14,6	17,9

Hose reel capacity without hose inner hose ø max length * 1/2" 5/8" 3/4"
16 m 14 m 8 m



530 ABS 20 bar	9532.150	without hose *	G 1" (f)	G 1" (f)	16,0	20,0
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Hose reel capacity without hose inner hose ø max length * 5/8" 3/4" 1"
22 m 12 m 8 m



540 ABS 20 bar	9542.100	without hose *	G 1" (f)	G 1" (f)	18,4	23,4
540 ABS 10 bar	9542.601	15 m - 3/4" (997.815)	G 1" (f)	G 3/4" (m)	24,8	29,8
	9542.602	20 m - 3/4" (997.820)	G 1" (f)	G 3/4" (m)	27,5	32,5
	9542.603	15 m - 1" (998.815)	G 1" (f)	G 1" (m)	29,7	34,7
	9542.604	10 m - 1" (998.810)	G 1" (f)	G 1" (m)	26,1	31,1

Hose reel capacity without hose inner hose ø max length * 3/4" 1"
22 m 15 m

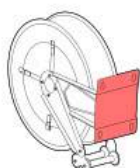
Black rubber hose



Type of fluid: **AdBlue®**
 Pressure: **10-100 bar**
 Material: **PAINTED STEEL - AISI 304 STAINLESS STEEL**



- with hose: see page 30
 - without hose: max +80 °C



FIXED*

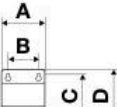
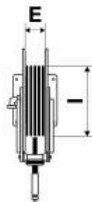
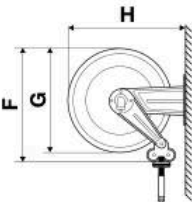
* Swivelling by adding the special bracket see page 27

In accordance with directive



Drum colours		
ABS	RAL 7035	Standard
	RAL 1004	
	RAL 3020	
	RAL 5002	
	RAL 9005	

Hoses	Connections	Seals	Swivel joint	Central pin
antistatic EPDM rubber	AISI 304 stainless steel	Viton®	AISI 304 s. steel AISI 316 s. steel	AISI 304 stainless steel
0,6 m inlet hose included				

Dimensions (mm)			Series	A	B	C	D	E	F	G	H	I	Packaging (mm) WxDxH	
			430 ABS	186	140	197	226	110	450	425	461	259		580 x 280 x 590
			530 ABS	203	153	221	258	121	535	510	558	327		650 x 290 x 700
			540 ABS	300	218	227	268	183	535	510	573	327		660 x 390 x 690
(W: width - D: depth - H: height)														

(W: width - D: depth - H: height)

**PAINTED
BRACKETS AND ARMS**

AISI 304 s. steel
central pin



Series	P/N	Hose supplied	Connection		Weight (kg)	
			Inlet	Outlet	Net	Gross

430 ABS 100 bar	9436.200	without hose *	G 1/2" (f)	G 1/2" (m)	10,6	13,9
430 ABS 10 bar	9436.201	8 m - 19 x 27 mm (987.208)	G 3/4" (f)	G 3/4" (m)	14,5	17,8

Hose reel capacity without hose	inner hose ø max length	*	1/2" 16 m	5/8" 14 m	3/4" 8 m
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530 ABS 10 bar	9536.250	without hose *	G 1" (f)	G 1" (f)	16,0	20,0
	9536.251	10 m - 19 x 27 mm (987.210)	G 3/4" (f)	G 3/4" (m)	20,9	24,9
	9536.252	15 m - 19 x 27 mm (987.215)	G 3/4" (f)	G 3/4" (f)	23,1	27,1

Hose reel capacity without hose	inner hose ø max length	*	5/8" 22 m	3/4" 12 m	1" 8 m
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**AISI 304 S. STEEL
BRACKETS AND ARMS**

AISI 304 s. steel
central pin



Series	P/N	Hose supplied	Connection		Weight (kg)	
			Inlet	Outlet	Net	Gross

430 ABS 100 bar	9437.200	without hose *	G 1/2" (f)	G 1/2" (m)	10,6	13,9
430 ABS 10 bar	9437.201	8 m - 19 x 27 mm (987.208)	G 3/4" (f)	G 3/4" (m)	14,5	17,8

Hose reel capacity without hose	inner hose ø max length	*	1/2" 16 m	5/8" 14 m	3/4" 8 m
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530 ABS 10 bar	9534.250	without hose *	G 1" (f)	G 1" (f)	16,0	20,0
	9537.251	10 m - 19 x 27 mm (987.210)	G 3/4" (f)	G 3/4" (m)	20,9	24,9
	9537.252	15 m - 19 x 27 mm (987.215)	G 3/4" (f)	G 3/4" (f)	23,2	27,2

Hose reel capacity without hose	inner hose ø max length	*	5/8" 22 m	3/4" 12 m	1" 8 m
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Black rubber hose



ACCESSORIES

AUTOMATIC HOSE GUIDE IN **PAINTED STEEL**



View the
tutorial video

P/N 77/44312

Automatic hose guide in painted steel

For hose reel 430 Series (hoses up to 1/2").

P/N 77/45301

Automatic hose guide in painted steel

For hose reel 530 Series (hoses up to 1").

P/N 77/45312

Automatic hose guide in painted steel

For hose reel 530 Series (hoses up to 1/2").

P/N 77/45401

Automatic hose guide in painted steel

For hose reel 540 Series (hoses up to 3/4").

P/N 77/45412

Automatic hose guide in painted steel

For hose reel 540 Series (hoses up to 1/2").

Dimensions (mm)		Series	A	B	C	D	E	F	Packaging (mm) WxDxH	
		430 ABS	319	284	135	389	209	172		380 x 120 x 150
		530 ABS	375	341	137	458	223	187		370 x 135 x 370
		540 ABS	375	341	137	458	288	252		370 x 135 x 370

(W: width - D: depth - H: height)

AUTOMATIC HOSE GUIDE IN **AISI 316 STAINLESS STEEL**



View the
tutorial video

P/N 79/44312

Automatic hose guide in AISI 316 stainless steel

For hose reel 430 Series (hoses up to 1/2").

P/N 79/45301

Automatic hose guide in AISI 316 stainless steel

For hose reel 530 Series (hoses up to 1").

P/N 79/45312

Automatic hose guide in AISI 316 stainless steel

For hose reel 530 Series (hoses up to 1/2").

P/N 79/45401

Automatic hose guide in AISI 316 stainless steel

For hose reel 540 Series (hoses up to 3/4").

P/N 79/45412

Automatic hose guide in AISI 316 stainless steel

For hose reel 540 Series (hoses up to 1/2").

Dimensions (mm)		Series	A	B	C	D	E	F	Packaging (mm) WxDxH	
		430 ABS	319	284	135	389	209	172		380 x 120 x 150
		530 ABS	375	341	137	458	223	187		370 x 135 x 370
		540 ABS	375	341	137	458	288	252		370 x 135 x 370

(W: width - D: depth - H: height)



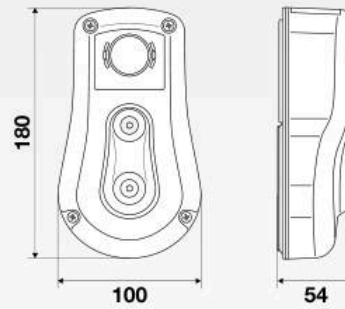
ACCESSORIES REWINDING BRAKE

P/N 843021

Rewinding brake

It guarantees a controlled and safety rewinding speed in case of accidental hose's release.

Dimensions (mm)



View the
tutorial video

Packaging (mm) W x D x H

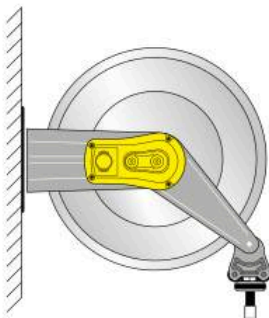


190 x 150 x 145

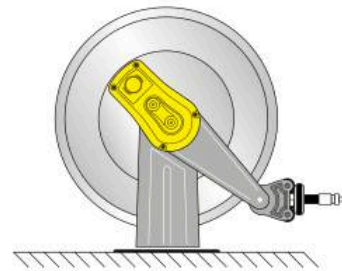
(W: width - D: depth - H: height)

In **430 ABS Series** the brake can be installed in the following two positions

Along the
fixing bracket

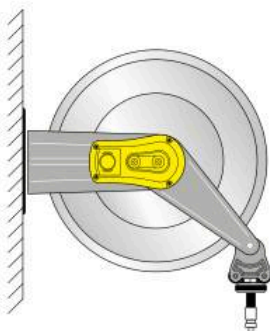


180° rotated
compared to the arm

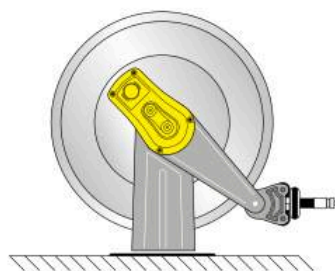


In **530 and 540 ABS series** the brake can be installed in the following three positions

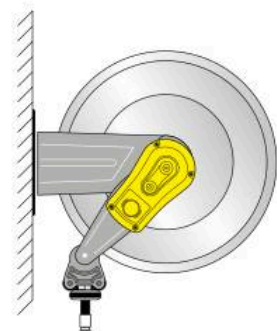
Along the
fixing bracket



180° rotated
compared to the arm



Along the
arm





ACCESSORIES **FIXED** WALL BRACKETS

A **quick coupling support** is available upon request, to facilitate the individual hose reel coupling and to optimize the installation in series, i.e. several hose reels set side-by-side.

**PAINTED
STEEL**

**STAINLESS
STEEL**



P/N 843001



P/N 843002

Dimensions (mm)

P/N 843001

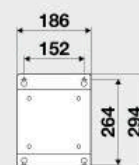
Fixed support in steel

For fixed painted steel hose reels 430 Series.

P/N 843002

Fixed support in AISI 304 stainless steel

For fixed hose reels in AISI 304 stainless steel 430 Series.



P/N 853001



P/N 853002

P/N 853001

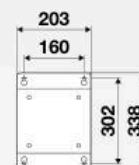
Fixed support in steel

For fixed painted steel hose reels 530 Series.

P/N 853002

Fixed support in AISI 304 stainless steel

For fixed hose reels in AISI 304 stainless steel 530 Series.



P/N 854001



P/N 854002

P/N 854001

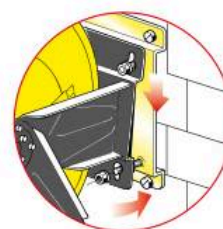
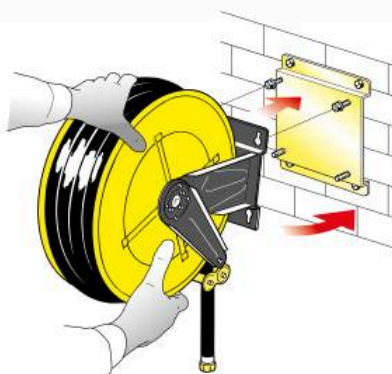
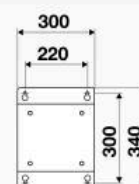
Fixed support in steel

For fixed painted steel hose reels 540 Series.

P/N 854002

Fixed support in AISI 304 stainless steel

For fixed hose reels in AISI 304 stainless steel 540 Series.





ACCESSORIES SWIVELLING WALL BRACKETS

A **swivelling bracket with quick coupling** is available upon request to facilitate hose reel installation in various positions - turned 40° to the right or left, or in the fixed 0° position - by locking it with two screws.

PAINTED STEEL



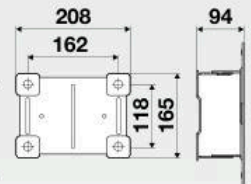
P/N 843005

STAINLESS STEEL



P/N 843006
P/N 843007

Dimensions (mm)



P/N 843005

Swivelling bracket in steel

For fixed hose reels in painted steel 430 Series.

P/N 843006

Swivelling bracket in AISI 304 stainless steel

For fixed hose reels in AISI 304 stainless steel 430 Series.

P/N 843007

Swivelling bracket in AISI 316 stainless steel

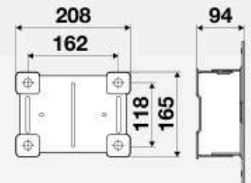
For fixed hose reels in AISI 316 stainless steel 430 Series.



P/N 853005



P/N 853006
P/N 853007



P/N 853005

Swivelling bracket in steel

For fixed hose reels in painted steel 530 Series.

P/N 853006

Swivelling bracket in AISI 304 stainless steel

For fixed hose reels in AISI 304 stainless steel 530 Series.

P/N 853007

Swivelling bracket in AISI 316 stainless steel

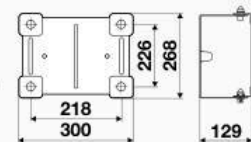
For fixed hose reels in AISI 316 stainless steel 530 Series.



P/N 854005



P/N 854006
P/N 854007



P/N 854005

Swivelling bracket in painted steel

For fixed hose reels in painted steel 540 Series.

P/N 854006

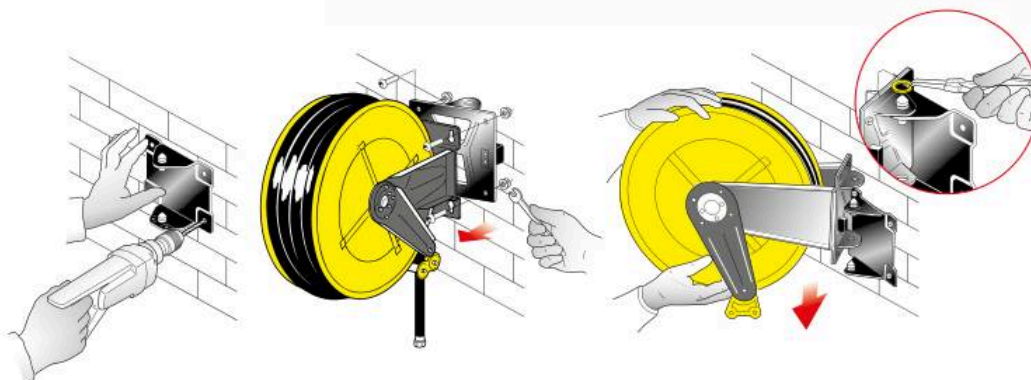
Swivelling bracket in AISI 304 stainless steel

For fixed hose reels in AISI 304 stainless steel 540 Series.

P/N 854007

Swivelling bracket in AISI 316 stainless steel

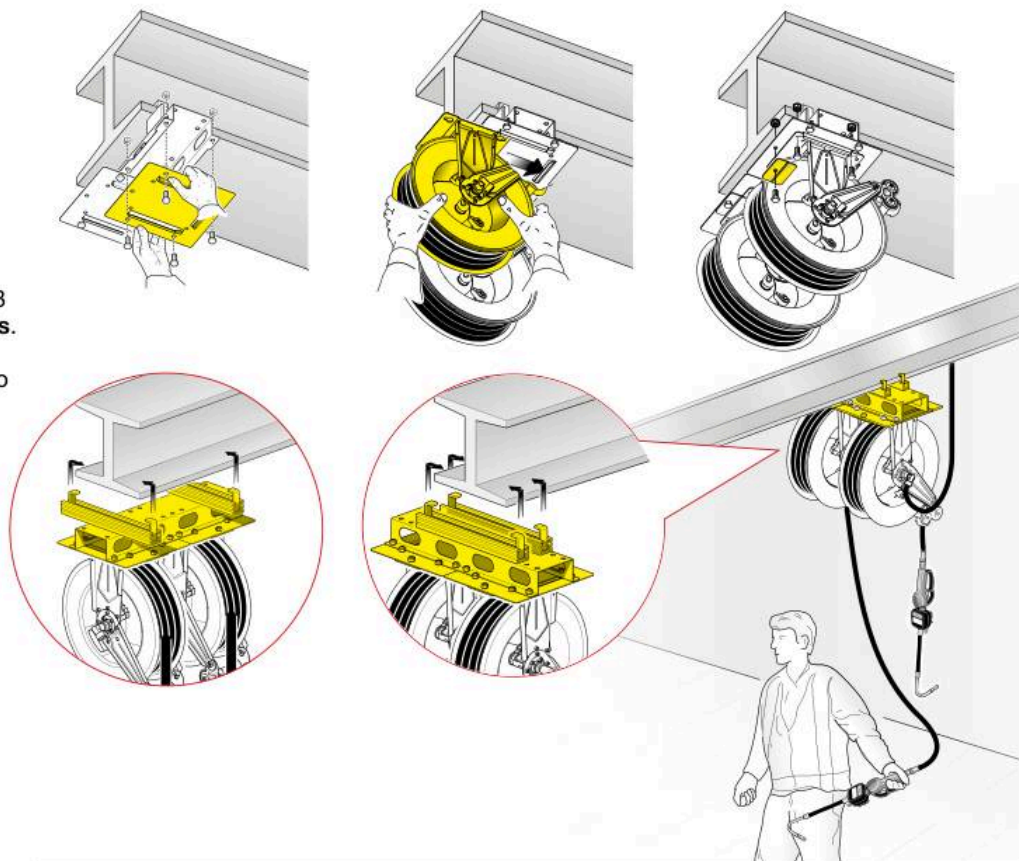
For fixed hose reels in AISI 316 stainless steel 540 Series.





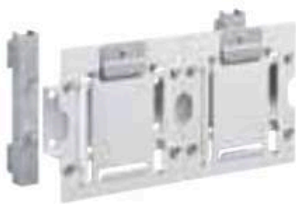
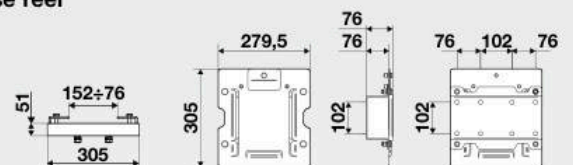
ACCESSORIES CEILING BRACKETS

This special bracket is used to install 1, 2 or 3 hose reels (430 Series) on HEA **ceiling beams**. It can be installed and used in two different positions, turned 90° as shown in the figure to the side.

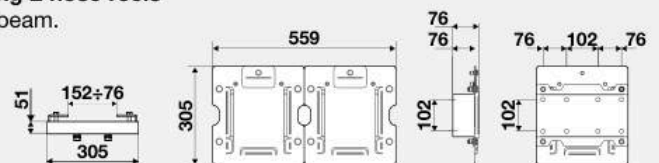


P/N 843011
Bracket for installing 1 hose reel
430 Series on HEA beam.

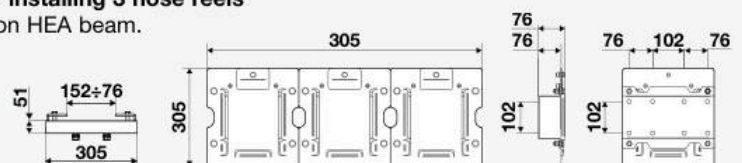
Dimensions (mm)



P/N 843012
Bracket for installing 2 hose reels
430 Series on HEA beam.



P/N 843013
Bracket for installing 3 hose reels
430 Series on HEA beam.



P/N 88650
Protective rack side cover in ABS
For hose reel 430 Series.

P/N 88651
Protective rack side cover in ABS
For hose reel 530 Series.







HOSES: TECHNICAL DATA



POLYURETHANE



BLACK RUBBER
ANTISTATIC EPDM
RUBBER



HYGIENIC RUBBER
FDA HYGIENIC
RUBBER

Air-water 10 bar

P/N	Hose length	Hose characteristics	Max working temperature	Hose ø	Dimensions internal ø x external ø	Inlet	Outlet	Connections
996.116	15 m	FDA hygienic	95 °C	1/2"	13 x 20 mm	G 1/2" (m)	G 1/2" (f)	galvanized steel
996.125	25 m	FDA hygienic	95 °C	1/2"	13 x 20 mm	G 1/2" (m)	G 1/2" (f)	galvanized steel

Air-water 20 bar

P/N	Hose length	Hose characteristics	Max working temperature	Hose ø	Dimensions internal ø x external ø	Inlet	Outlet	Connections
976.111	10 m	polyurethane	60 °C	1/2"	13 x 19 mm	G 1/2" (f)	G 1/2" (m)	brass
976.120	20 m	polyurethane	60 °C	1/2"	13 x 19 mm	G 1/2" (m)	G 1/2" (m)	brass
976.125	25 m	polyurethane	60 °C	1/2"	13 x 19 mm	G 1/2" (f)	G 1/2" (m)	brass
995.212	12 m	black rubber	80 °C	3/8"	9,5 x 16 mm	G 3/8" (f)	G 3/8" (m)	galvanized steel
995.218	18 m	black rubber	80 °C	3/8"	9,5 x 16 mm	G 3/8" (f)	G 3/8" (m)	galvanized steel
996.210	10 m	black rubber	80 °C	1/2"	12,7 x 20 mm	G 1/2" (f)	G 1/2" (m)	galvanized steel
996.215	15 m	black rubber	80 °C	1/2"	12,7 x 20 mm	G 1/2" (f)	G 1/2" (m)	galvanized steel
996.220	20 m	black rubber	80 °C	1/2"	12,7 x 20 mm	G 1/2" (f)	G 1/2" (m)	galvanized steel
996.225	25 m	black rubber	80 °C	1/2"	12,7 x 20 mm	G 1/2" (f)	G 1/2" (m)	galvanized steel
996.230	30 m	black rubber	80 °C	1/2"	12,7 x 20 mm	G 1/2" (f)	G 1/2" (m)	galvanized steel
997.215	15 m	black rubber	80 °C	3/4"	19 x 26,5 mm	G 3/4" (f)	G 3/4" (m)	galvanized steel
997.220	20 m	black rubber	80 °C	3/4"	19 x 26,5 mm	G 3/4" (f)	G 3/4" (m)	galvanized steel
998.215	15 m	black rubber	80 °C	1"	25,4 x 32,5 mm	G 1" (f)	G 1" (m)	galvanized steel

Hot water 50 bar

P/N	Hose length	Hose characteristics	Max working temperature	Hose ø	Dimensions internal ø x external ø	Inlet	Outlet	Connections
998.315	15 m	black rubber	80 °C	1"	25,4 x 31,5 mm	G 1" (f)	G 1" (m)	galvanized steel
998.414	15 m	hygienic	80 °C	1"	25,4 x 31,5 mm	G 1" (f)	G 1" (m)	galvanized steel

Hot water 100 bar

P/N	Hose length	Hose characteristics	Max working temperature	Hose ø	Dimensions internal ø x external ø	Inlet	Outlet	Connections
996.311	10 m	black rubber	80 °C	1/2"	12,7 x 18,5 mm	G 1/2" (f)	G 1/2" (m)	galvanized steel
996.316	15 m	black rubber	80 °C	1/2"	12,7 x 18,5 mm	G 1/2" (f)	G 1/2" (m)	galvanized steel
996.321	20 m	black rubber	80 °C	1/2"	12,7 x 18,5 mm	G 1/2" (f)	G 1/2" (m)	galvanized steel
996.326	25 m	black rubber	130 °C	1/2"	12,7 x 18,5 mm	G 1/2" (f)	G 1/2" (m)	galvanized steel
996.415	15 m	hygienic	130 °C	1/2"	12,7 x 18,5 mm	G 1/2" (f)	G 1/2" (m)	galvanized steel
996.425	25 m	hygienic	130 °C	1/2"	12,7 x 18,5 mm	G 1/2" (f)	G 1/2" (m)	galvanized steel
997.315	15 m	black rubber	80 °C	3/4"	19 x 25 mm	G 3/4" (f)	G 3/4" (m)	galvanized steel
997.320	20 m	black rubber	80 °C	3/4"	19 x 25 mm	G 3/4" (f)	G 3/4" (m)	galvanized steel
997.415	15 m	hygienic	80 °C	3/4"	19 x 25 mm	G 3/4" (f)	G 3/4" (m)	galvanized steel
997.420	20 m	hygienic	130 °C	3/4"	19 x 25 mm	G 3/4" (f)	G 3/4" (m)	galvanized steel

Hot water 200 bar

P/N	Hose length	Hose characteristics	Max working temperature	Hose ø	Dimensions internal ø x external ø	Inlet	Outlet	Connections
995.512	12 m	black rubber	130 °C	3/8"	9,5 x 17 mm	G 3/8" (f)	G 3/8" (f)	galvanized steel
995.518	18 m	black rubber	130 °C	3/8"	9,5 x 17 mm	G 3/8" (f)	G 3/8" (f)	galvanized steel
995.520	20 m	black rubber	130 °C	3/8"	9,5 x 17 mm	G 3/8" (f)	G 3/8" (f)	galvanized steel
995.525	25 m	black rubber	130 °C	3/8"	9,5 x 17 mm	G 3/8" (f)	G 3/8" (f)	galvanized steel
995.530	30 m	black rubber	130 °C	3/8"	9,5 x 17 mm	G 3/8" (f)	G 3/8" (f)	galvanized steel
995.618	18 m	hygienic	130 °C	3/8"	9,5 x 17 mm	G 3/8" (f)	G 3/8" (f)	galvanized steel
995.625	25 m	hygienic	130 °C	3/8"	9,5 x 17 mm	G 3/8" (f)	G 3/8" (f)	galvanized steel
995.630	30 m	hygienic	130 °C	3/8"	9,5 x 17 mm	G 3/8" (f)	G 3/8" (f)	galvanized steel

Hot water 400 bar

P/N	Hose length	Hose characteristics	Max working temperature	Hose ø	Dimensions internal ø x external ø	Inlet	Outlet	Connections
995.815	15 m	black rubber	130 °C	3/8"	9,5 x 17,5 mm	G 3/8" (f)	G 3/8" (f)	galvanized steel
995.825	25 m	black rubber	130 °C	3/8"	9,5 x 17,5 mm	G 3/8" (f)	G 3/8" (f)	galvanized steel
995.925	25 m	hygienic	130 °C	3/8"	9,5 x 17,5 mm	G 3/8" (f)	G 3/8" (f)	galvanized steel

Oil and similar 50 bar

P/N	Hose length	Hose characteristics	Max working temperature	Hose ø	Dimensions internal ø x external ø	Inlet	Outlet	Connections
998.3310	10 m	black rubber	80 °C	1"	25,4 x 33,5 mm	G 1" (m)	G 1" (f)	galvanized steel
998.3315	15 m	black rubber	80 °C	1"	25,4 x 33,5 mm	G 1" (f)	G 1" (m)	galvanized steel

Oil and similar 100 bar

P/N	Hose length	Hose characteristics	Max working temperature	Hose ø	Dimensions internal ø x external ø	Inlet	Outlet	Connections
997.3308	8 m	black rubber	80 °C	3/4"	19 x 26,5 mm	G 3/4" (m)	G 1/2" (f)	galvanized steel
997.3312	12 m	black rubber	80 °C	3/4"	19 x 26,5 mm	G 3/4" (m)	G 3/4" (f)	galvanized steel
997.3315	15 m	black rubber	80 °C	3/4"	19 x 26,5 mm	G 3/4" (f)	G 3/4" (m)	galvanized steel
997.3320	20 m	black rubber	80 °C	3/4"	19 x 26,5 mm	G 3/4" (f)	G 3/4" (m)	galvanized steel
999.3310	10 m	black rubber	80 °C	5/8"	16 x 23 mm	G 1/2" (f)	G 3/4" (m)	galvanized steel

Oil and similar 150 bar

P/N	Hose length	Hose characteristics	Max working temperature	Hose ø	Dimensions internal ø x external ø	Inlet	Outlet	Connections
996.310	10 m	black rubber	80 °C	1/2"	12,7 x 19 mm	G 1/2" (f)	G 1/2" (m)	galvanized steel
996.315	15 m	black rubber	80 °C	1/2"	12,7 x 19 mm	G 1/2" (f)	G 1/2" (m)	galvanized steel
996.320	20 m	black rubber	80 °C	1/2"	12,7 x 19 mm	G 1/2" (f)	G 1/2" (m)	galvanized steel
996.325	25 m	black rubber	80 °C	1/2"	12,7 x 19 mm	G 1/2" (f)	G 1/2" (m)	galvanized steel
996.330	30 m	black rubber	80 °C	1/2"	12,7 x 19 mm	G 1/2" (f)	G 1/2" (m)	galvanized steel

Grease 400 bar

P/N	Hose length	Hose characteristics	Max working temperature	Hose ø	Dimensions internal ø x external ø	Inlet	Outlet	Connections
993.512	12 m	black rubber	80 °C	1/4"	6,3 x 17,5 mm	G 1/4" (f)	G 1/4" (m)	galvanized steel
993.518	18 m	black rubber	80 °C	1/4"	6,3 x 17,5 mm	G 1/4" (f)	G 1/4" (m)	galvanized steel
995.710	10 m	black rubber	80 °C	3/8"	9,5 x 18 mm	G 3/8" (f)	G 1/4" (m)	galvanized steel
995.715	15 m	black rubber	80 °C	3/8"	9,5 x 18 mm	G 3/8" (f)	G 1/4" (m)	galvanized steel
995.720	20 m	black rubber	80 °C	3/8"	9,5 x 18 mm	G 3/8" (f)	G 1/4" (m)	galvanized steel
995.725	25 m	black rubber	80 °C	3/8"	9,5 x 18 mm	G 3/8" (f)	G 1/4" (m)	galvanized steel
995.730	30 m	black rubber	80 °C	3/8"	9,5 x 18 mm	G 3/8" (f)	G 1/4" (m)	galvanized steel

Diesel 10 bar

P/N	Hose length	Hose characteristics	Max working temperature	Hose ø	Dimensions internal ø x external ø	Inlet	Outlet	Connections
997.808	8 m	black rubber	80 °C	3/4"	19 x 27 mm	G 1/2" (f)	G 3/4" (m)	galvanized steel
997.812	12 m	black rubber	80 °C	3/4"	19 x 27 mm	G 1/2" (f)	G 1/2" (m)	galvanized steel
997.815	15 m	black rubber	80 °C	3/4"	19 x 27 mm	G 3/4" (f)	G 3/4" (m)	galvanized steel
997.820	20 m	black rubber	80 °C	3/4"	19 x 27 mm	G 3/4" (f)	G 3/4" (m)	galvanized steel
998.808	8 m	black rubber	80 °C	1"	25 x 35 mm	G 1" (f)	G 1" (m)	galvanized steel
998.810	10 m	black rubber	80 °C	1"	25 x 35 mm	G 1" (f)	G 1" (m)	galvanized steel
998.815	15 m	black rubber	80 °C	1"	25 x 35 mm	G 1" (f)	G 1" (m)	galvanized steel
999.810	10 m	black rubber	80 °C	5/8"	16 x 23 mm	G 1/2" (f)	G 3/4" (m)	galvanized steel

AdBlue® 10 bar

P/N	Hose length	Hose characteristics	Max working temperature	Hose ø	Dimensions internal ø x external ø	Inlet	Outlet	Connections
987.208	8 m	antistatic EPDM	80 °C	3/4"	19 x 27 mm	G 1/2" (f)	G 3/4" (m)	AISI 316 s. steel
987.210	10 m	antistatic EPDM	80 °C	3/4"	19 x 27 mm	G 3/4" (f)	G 3/4" (m)	AISI 316 s. steel
987.215	15 m	antistatic EPDM	80 °C	3/4"	19 x 27 mm	G 3/4" (f)	G 3/4" (m)	AISI 316 s. steel

GENERAL SALES CONDITIONS

FOR FOREIGN MARKETS



The following general sales conditions regulate the sale of goods and services by the company RAASM S.p.A. for customers residing outside the territory of the Italian State.

Art. 1 GOODS DELIVERY TERMS

The goods are delivered ex works RAASM S.p.A. The subsequent transport/shipment must occur by, in the name and at the expense of the purchasing customer, even by means of a carrier appointed and designated by the same. All risks arising from loading, subsequent custody and transport are borne entirely by the purchasing customer.

Art. 2 MINIMUM ORDERS

Each order cannot be for less than € 1,500.00, net of fees, taxes, customs duties, discounts and rebates and any other charges not included in the price of the goods. If, at the option of RAASM S.p.A., orders for lower amounts are accepted, an extra charge of € 155,00 shall be applied for order management administrative expenses.

Art. 3 ACCESSORIES

All the accessories given in the price list (plugs, oil bar taps, oil guns, grease guns, probes, protection caps, clutches, swivelling supports, etc.) are supplied exclusively for fitting to or combining with the items RAASM S.p.A. produces.

Art. 4 COMPLAINTS

Any defects immediately noticed after a brief inspection of the goods (damage, shortages or different product from that ordered) must be notified in writing to our company within 8 (eight) days of receipt of the goods. Any defects in the product noticeable only during its use must be notified in writing to RAASM S.p.A. within 8 (eight) days of being detected.

Any returns of goods must be authorized in advance by RAASM S.p.A. and freight charges are at the customer's expenses.

Art. 5 DELIVERY TIMES/TERMS

Delivery times and dates are only approximate and are subject to change. Any delays in delivery do not entitle the customer to cancel the order or claim compensation for damages caused by delay of delivery. Delivery times for urgent orders must be agreed directly with RAASM S.p.A.

RAASM S.p.A. has the right not to carry out the order and/or totally or partially carry it out, without this giving rise to reimbursement or claims for compensation for damage.

Art. 6 PACKS AND PACKAGING

Packaging costs are included in the price, except for special packing, which shall be charged at cost.

Art. 7 PRICES

The current Price list cancels and replaces the previous price list. In the event of changes to our price list and/or individual items, the goods shall be forwarded at the price in force on the day of the order confirmation. The price list and/or the prices of individual items can be changed even without notice, according to the changes in market conditions or technical innovations/modifications made to the product. The prices are understood to be ex works RAASM S.p.A.

Art. 8 PAYMENTS

Payments must be made exclusively to RAASM S.p.A. at the agreed conditions. Under no circumstances will deductions or roundings be accepted. In case of late payment with respect to the agreed conditions, RAASM S.p.A. reserves the right to charge interest at the current rate, effective from the day after that agreed for payment, plus any additional expenses. Discounts conditional on the payment term and already credited shall be recharged.

Art. 9 WARRANTY

RAASM S.p.A. provides each product with the communication of particular instructions for the installation, use and maintenance requirements and the need to carry out possible checks on the product. All the technical information and data mentioned in the catalogue and in the price-list in force are not binding and can be changed without prior notice for the purpose of improving the quality of the products.

All products manufactured by RAASM S.p.A. are guaranteed for a period of 5 (five) years from the date of delivery to the first user. The user must keep and show the sales invoice - or an equivalent document - together with the item's serial number in order to make a claim under the RAASM S.p.A. guarantee. The 5 (five) year guarantee does not apply to components which are subject to normal wear and tear (such as gaskets, diaphragms, O-rings, hoses, etc.), electronic components and items that are sold but not manufactured by RAASM S.p.A. (marked with a red asterisk in the current product catalogue) which are guaranteed for 1 (one) year from the date of delivery to the first user.

1 (one) year warranty is valid also for the following products:

- digital litre counters and FCS system;
- cable reels;
- electric, pneumatic or hydraulic motor;
- slip rings;
- centralized lubrication systems.

Incorrect installation, use or maintenance of the product shall void the warranty. Upon written notice, the articles must be returned free to our Factory for checking and acceptance. In any case, the guarantee expires in the 10th year from the date of manufacture (indicated by the serial number), if the stated expiry takes place before the expiration terms indicated above (1 or 5 years from delivery to the first user).

The manufacturer declines any responsibility for possible inaccuracies contained in this catalogue, due to printing or transcription errors. The manufacturer reserves the right to make any changes or improvements of a functional, technical or aesthetic nature without prior notice.

RAASM

Art. 10 RESPONSIBILITY

RAASM S.p.A. is exempt from any responsibility and liability for accidents that may occur to persons and property, as a result of or during the use of the equipment, due to or depending on the same whenever the products have been damaged during transport, tampered with or modified, or improperly used, or stored, installed, protected and preserved without complying with the instructions of RAASM S.p.A. as given in the installation, use and maintenance instruction manuals for each product.

RAASM S.p.A. is liable for the value for the supplied product and cannot be held responsible in any way for other possible costs or additional costs that the customer may bear.

Art. 11 CONFIDENTIALITY

Information not in the public domain that is exchanged in the execution of the contract is subject to the obligation of confidentiality, secrecy and security; said information is covered as an industrial secret and is of a confidential and reserved nature and may not be disseminated to third parties; its use is permitted exclusively and strictly to execute the supply contract.

Art. 12 INTELLECTUAL PROPERTY RIGHTS

The RAASM trademark, and likewise the name RAASM, RAASM S.p.A., the logo and the other distinctive signs are internationally registered trademarks, and RAASM S.p.A. does not authorise their use and application under any circumstances. Without prior written consent from RAASM S.p.A., the content of catalogues, price lists, instruction manuals and similar, including content on the website may not be reproduced, either entirely or partially, nor may it be transferred by electronic or traditional means, nor may it be modified or utilised by any means and for any purpose. All rights are held by RAASM S.p.A. The customer acknowledges that RAASM S.p.A. holds exclusive ownership of all the parts, images, photographs and signs not in common usage, the content in the catalogues, price lists, instruction manuals and similar and/or present on the website www.raasm.com and/or other channels and/or social networks used by RAASM S.p.A. for their informational and marketing campaigns pursuant to Copyright Law and the Industrial Property Code.

Art. 13 INFORMATION ON THE PROCESSING OF DATA PURSUANT TO ITALIAN LEGISLATIVE DECREE 196/2003

In accordance with article 13 of Italian Legislative Decree 196/2003 - Personal Data Protection Code - you are hereby advised that the processing of the personal data, provided with the purchase of goods or services and/or the supply of goods or services is solely for the purposes of carrying out the contract-based obligations and to comply with the specific requests from customers/ suppliers, as well as adhering to legislative obligations, in particular accounting and tax obligations or to respect orders issued by public authorities or to exercise a right in court.

The data shall also be used for commercial statistics for corporate use and to obtain commercial information on our products and services if expressly authorised by the applicant.

The processing of data shall be done using hard-copy and computerised procedures, in the manner and within the limits necessary to achieve the aforementioned purposes.

Data may be communicated and processed by other companies in the Group for the same specified purposes, and may be made known to employees of our company, consultants and other suppliers, always and exclusively within the limits of the aforementioned purposes.

The provision of data is mandatory for the correct execution of the contract and pre-contract based obligations, and failure to do so could result in it being impossible to fully comply with contractual obligations, and make it impossible to provide updates on the new products and services offered by our company.

Data shall be processed for the duration of the contract relationship in place and subsequently to fulfil any legal formalities.

Art. 14 RIGHTS OF DATA SUBJECTS

The information is aimed at defining the limits and methods for the processing of data, based on which individual customers and/or suppliers may freely authorise the collection and subsequent use of data. Data subjects are entitled to the rights pursuant to article 7 of the aforementioned Code and in particular, the right to access their personal data, ask for the amendment, update and cancellation thereof, if incomplete, incorrect or collected in violation of the law, and may object to the processing for legitimate reasons, addressing requests in this regard to RAASM S.p.A. Pursuant to the same article the data subject also has the right to request the complete and updated list of the Data Supervisors, and to ask for the cancellation, transformation into anonymous form or blocking of data processed in violation of the law, and to oppose in any case, for legitimate reasons, the processing thereof.

To exercise these rights, and in the case of problems or any requests for clarification regarding what has been explained herein, kindly address these to RAASM S.p.A. – Via Marangoni, 33, Cassola (VI) – Italy or to the following email address: info@raasm.com.

Art. 15 DATA CONTROLLER

The Data Controller is RAASM S.p.A. with registered office at Via Marangoni 33, Cassola (VI) – Italy, and this is where the data processing shall take place.

Art. 16 COMPETENT LAW COURT

Any disputes shall be settled by the Law Court of Vicenza, Italy.

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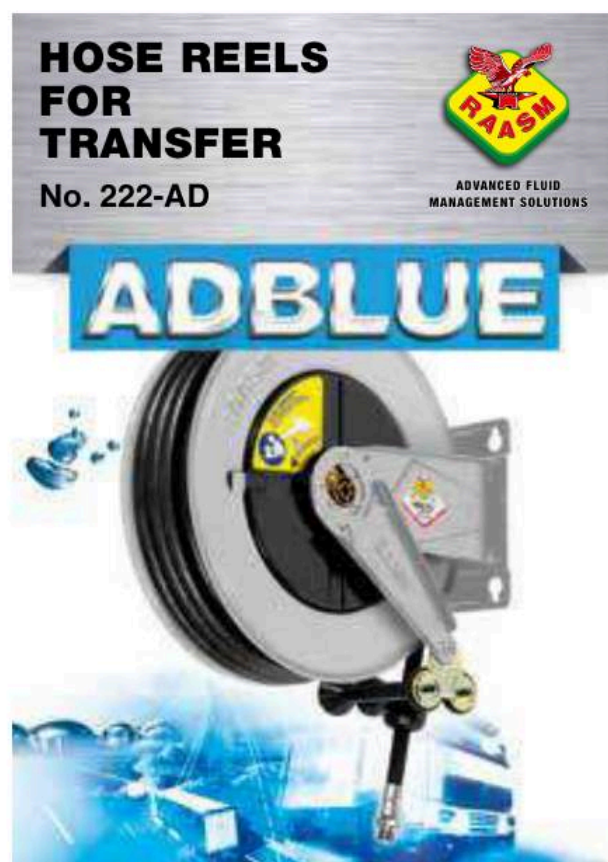
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RAASM was founded in 1975

in a small barn in the Vicenza countryside.

Combining technological innovation and environmental awareness, over the years the company has grown to become an international benchmark, recognised and appreciated for its product reliability and the quality of the solutions adopted in fluid management and power distribution.

RAASM's manufacturing productions

take shape in a unique context, where collective intellect and nature meet to create a human humus capable of responding to today's complex needs.

This philosophy, which underpins the company's activities, finds expression in the **12 hectares of parkland surrounding the production area** and home to numerous protected species of trees and animals, bearing witness to the words of the founder: **'There is no future if, first, the environment is not supported'.**



Company with quality, environment and safety system according to ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018 standards

RAASM S.p.A.

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