

EXPERT DOSING PUMPS



D^o HIGH TEMP

D3TRE

High-temperature dosing pump

- Maximum product effectiveness
- Reliable and consistent dosing
- Chemical and water consumption optimisation
- Easy to install, operate and maintain
- Compatible with all types of chemicals



FOOD & HYGIENE



INDUSTRY

D3TRE5 • 3 m³/h • 0.5 - 5 %
Injection rate: 0.5 - 5% [1-200 - 1-20] Dosage: 0.5 - 5% [1-200 - 1-20]
Operating flow: 100 l/h - 3 m³/h Débit de fonctionnement: 100 l/h - 3 m³/h
Operating pressure: 0.3 - 6 bar Pression de fonctionnement: 0.3 - 6 bar
Injection flow: 0.5 - 150 l/h Débit d'injection: 0.5 - 150 l/h
Maximum temperature: 70°C Température maximum: 70°C

THE MANUFACTURER declines all responsibility in event of use not conforming with the owner's manual.

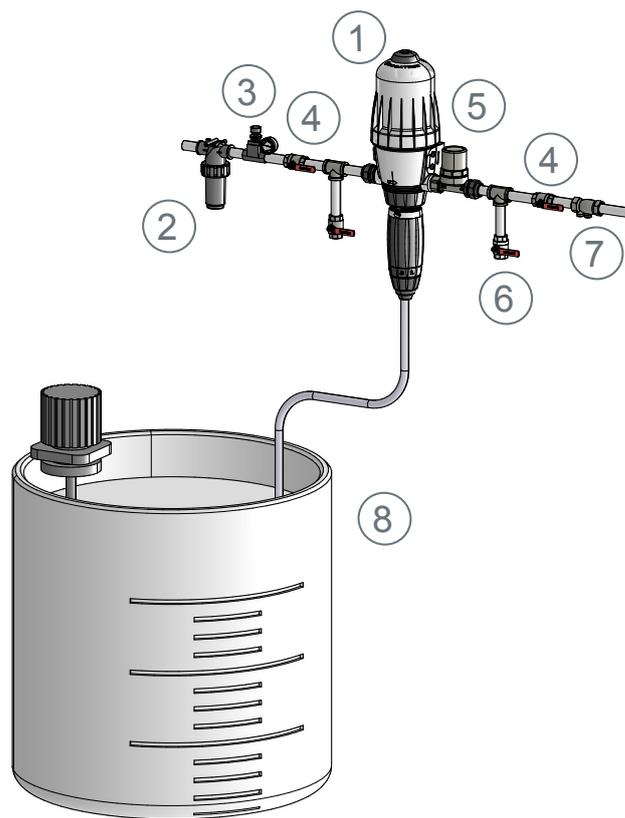
LE FABRICANT décline toute responsabilité en cas d'utilisation non conforme au manuel d'utilisation.

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STANDARD INSTALLATION

- ① D3TRE
- ② Filter
- ③ Pressure reducer
- ④ Isolation valves
- ⑤ Water hammer arrestor
- ⑥ Fast priming valve/ rinsing/ Dosatron test valve
- ⑦ Non-return valve
- ⑧ Stock solution



SPECIFICATIONS

		D3TRE3000		D3TRE5		D3TRE10	
		Min	Max	Min	Max	Min	Max
Operating water flow	l/h	100	3000	100	3000	100	3000
	m ³ /h	0.1	3	0.1	3	0.1	3
	gpm	0.41	14	0.41	14	0.41	14
Operating pressure	bar	0.3	6	0.3	6	0.5	6
	psi	4.3	85	4.3	85	7	85
Pressure loss	bar	0.4	1.44	0.36	1.9	0.4	2.1
	psi	4.8	21	5.5	27	6	37.5
Adjustable dosing	%	0.03	0.3	0.5	5	1	10
	1:	1:3000	1:333	1:200	1:20	1:100	1:10
	ppm	300	3000	5000	50000	10000	100000
Injection flow rate	l/h	0.03	9	0.5	150	1	300
	gpm	0.0001	0.04	0.0022	0.6	0.0044	1.32

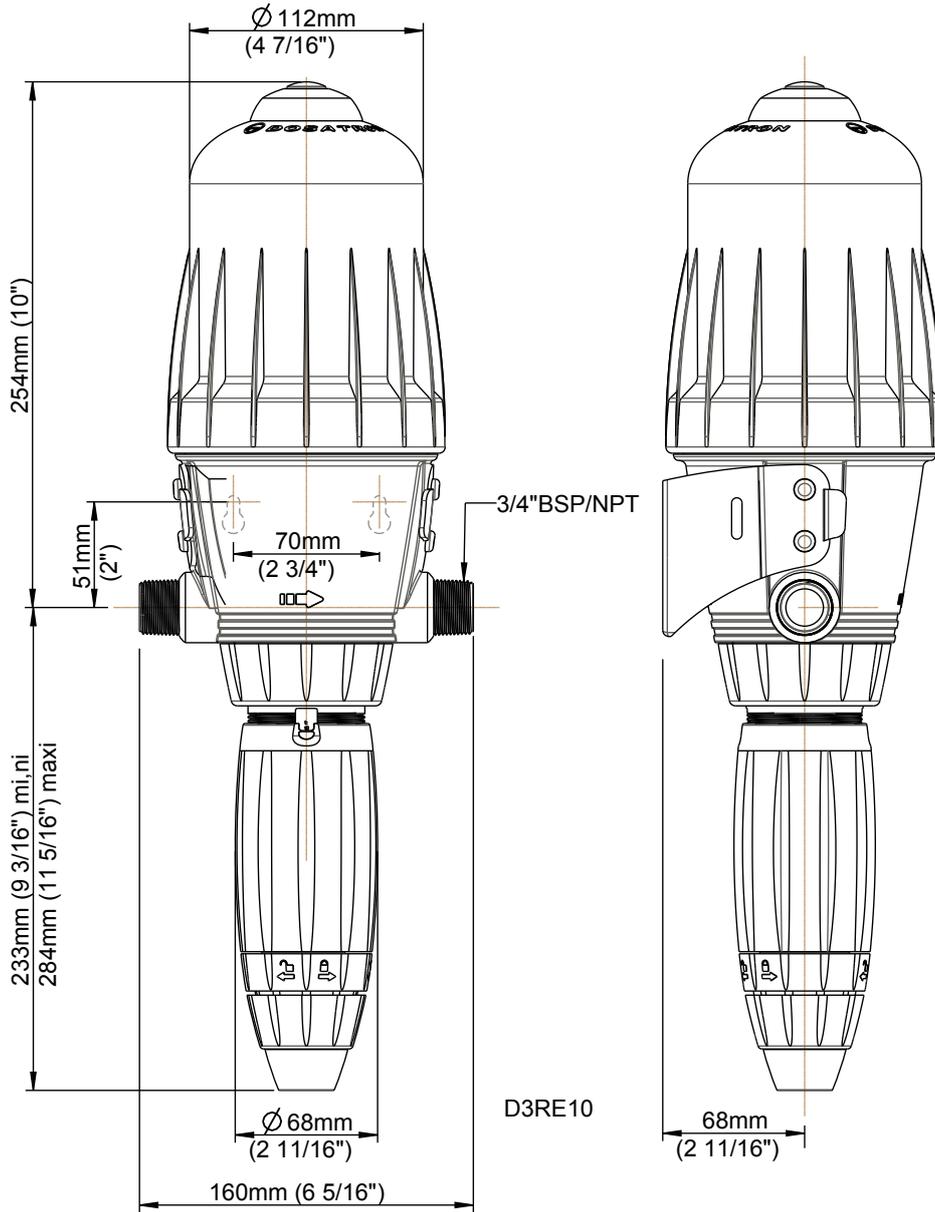
REQUIREMENTS



FOOD & HYGIENE



INDUSTRY



		D3TRE3000		D3TRE5		D3TRE 10	
Pump weight	kg	2		2.3		2.3	
	lbs	4.4		5		5	
Pump dimensions		mm	inch	mm	inch	mm	inch
	Diameter	112	4 7/16"	112	4 7/16"	112	4 7/16"
	Max. height	530	21	538	21 3/16"	538	21 3/16"
	Width	160	6 5/16"	160	6 5/16"	160	6 5/16"
Packaging weight	kg	2.5		3		3.6	
	lbs	5.5		6.6		7.9	
Packaging dimensions		cm	inch	cm	inch	cm	inch
	Lenght	55.2	21 7/8"	55.2	21 7/8"	55.2	21 7/8"
	Height	16.5	6 5/8"	16.5	6 5/8"	16.5	6 5/8"
	Width	14.5	5 3/4"	14.5	5 3/4"	14.5	5 3/4"

FEATURES

		D3TRE	
		Min	Max
Operating temperature	°C	5	70
	°F	41	158
Motor capacity	L	0.53	
	US gallon	0.14	
Water flow calculation	Number of clacks in 15 seconds	l/h	gpm
	4	254	1.1
	8	509	2.2
	16	1018	4.5
	32	2035	9.0
	40	2544	11.2
	46	2926	12.9
Connections	Type	BSP/NPT M Ø 20x27 mm	
	inch	3/4"	

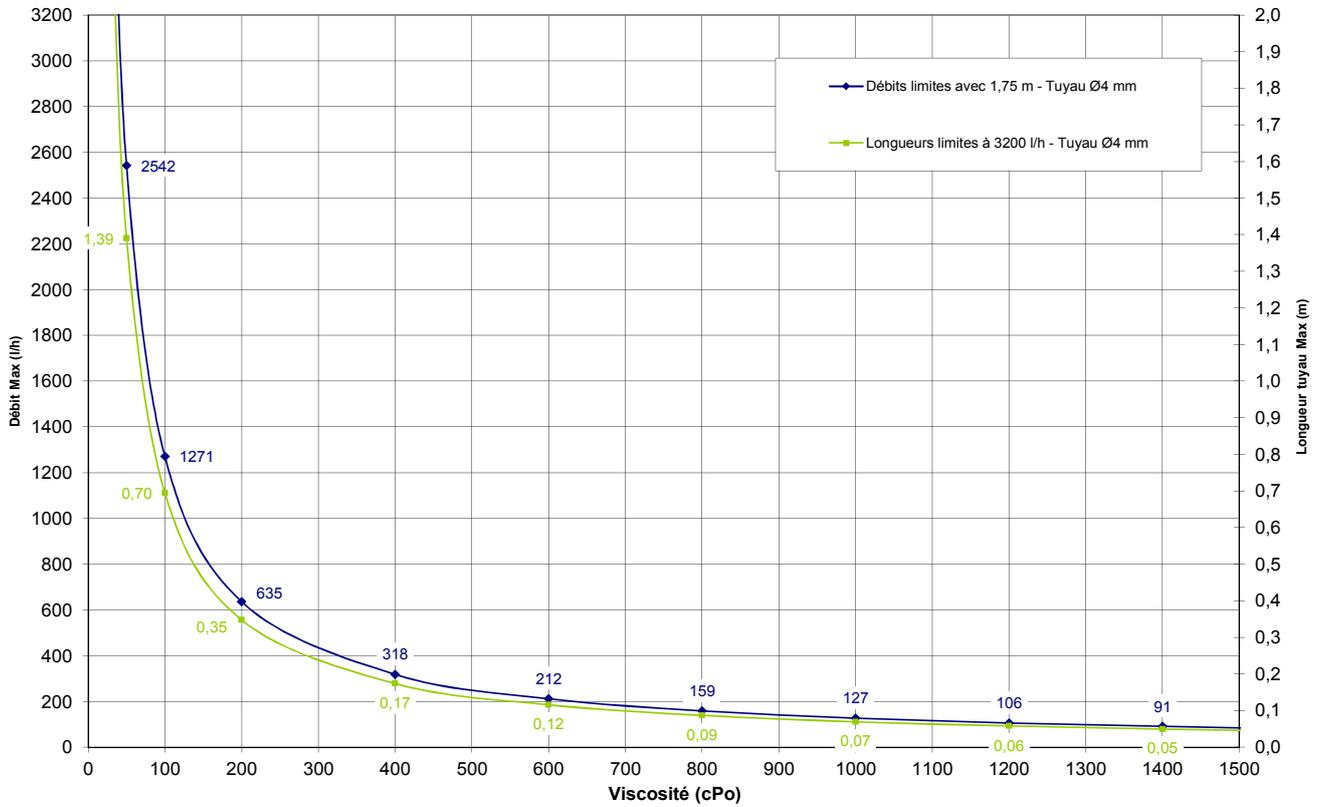
EQUIPMENTS

		D3TRE3000		D3TRE5		D3TRE10	
		Serial	Optional	Serial	Optional	Serial	Optional
Dosing seals	VF	x		x		x	
	AF	x		x		x	
	HTAF			x		x	
PVDF		x		x		x	
Air bleed		x		x		x	
Manual by-pass			x		x		x
Wall mount		x		x		x	
Suction hose	length (m)	2.75		2.75		2.75	
Strainer	filter 300µ	x		x		x	
Viscosity kit					x		x
Certifications	ATEX						

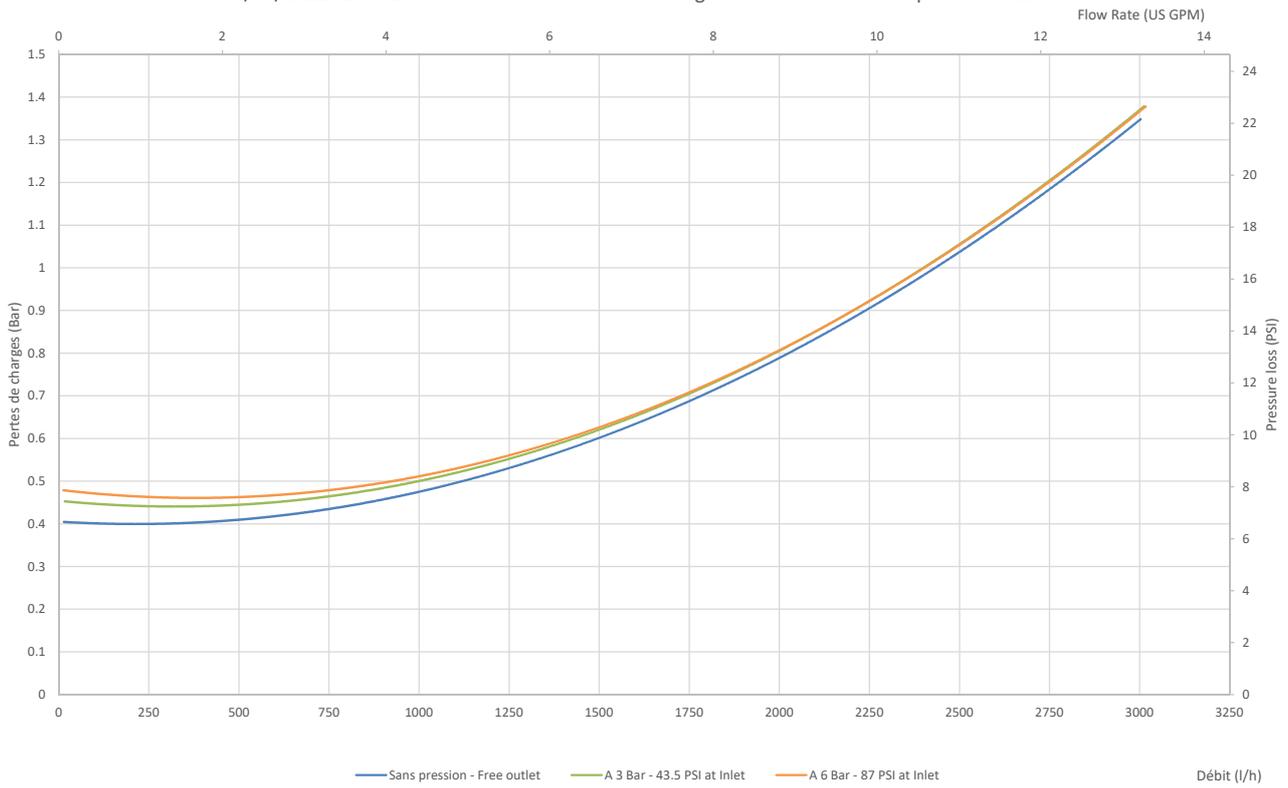
CURVES - VISCOSITY & PRESSURE LOSS

D3TRE3000

Limites viscosité - D3TRE3000 - Tuyau Ø4 mm



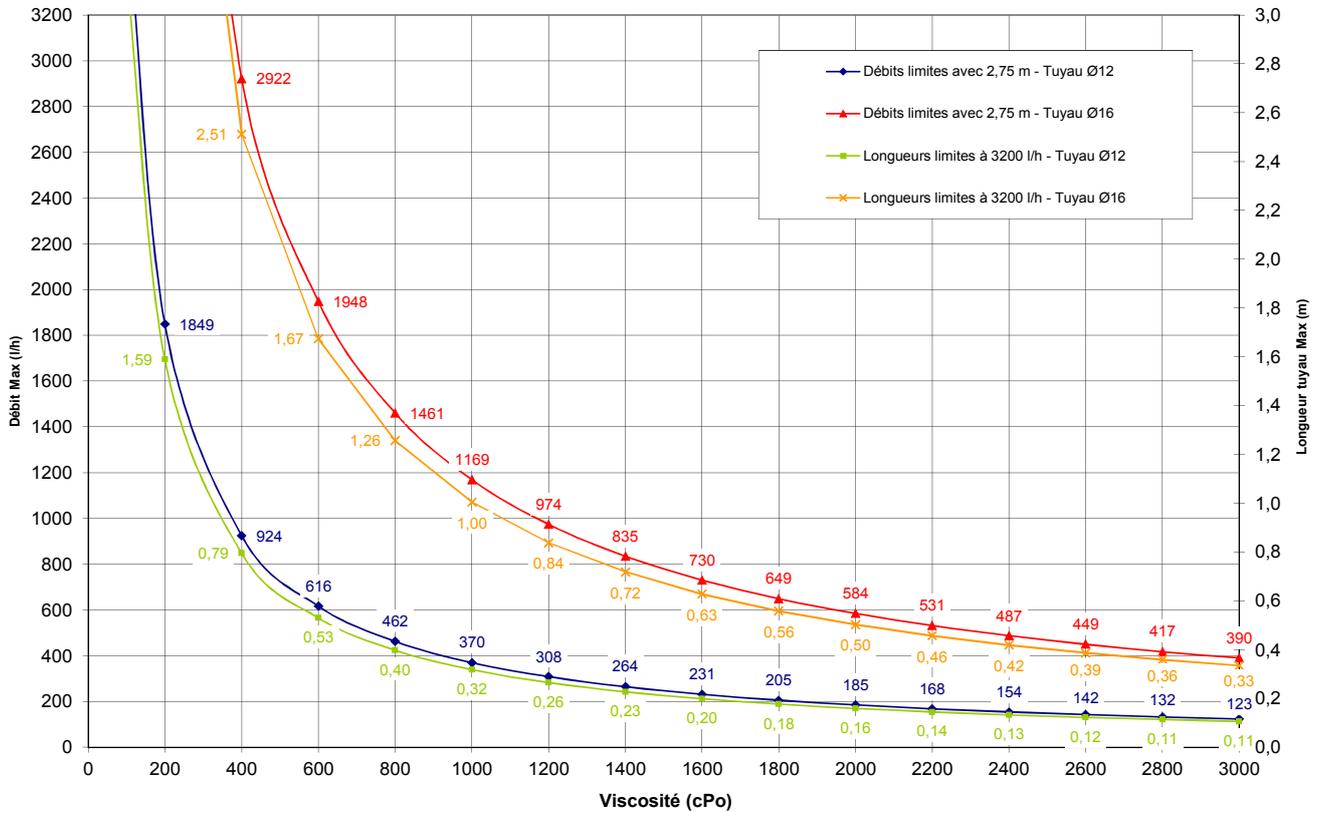
04/04/2022 - D3TRE3000 - Courbes de Pertes de charges à 0.3% - Pressure drop curves at 1:300





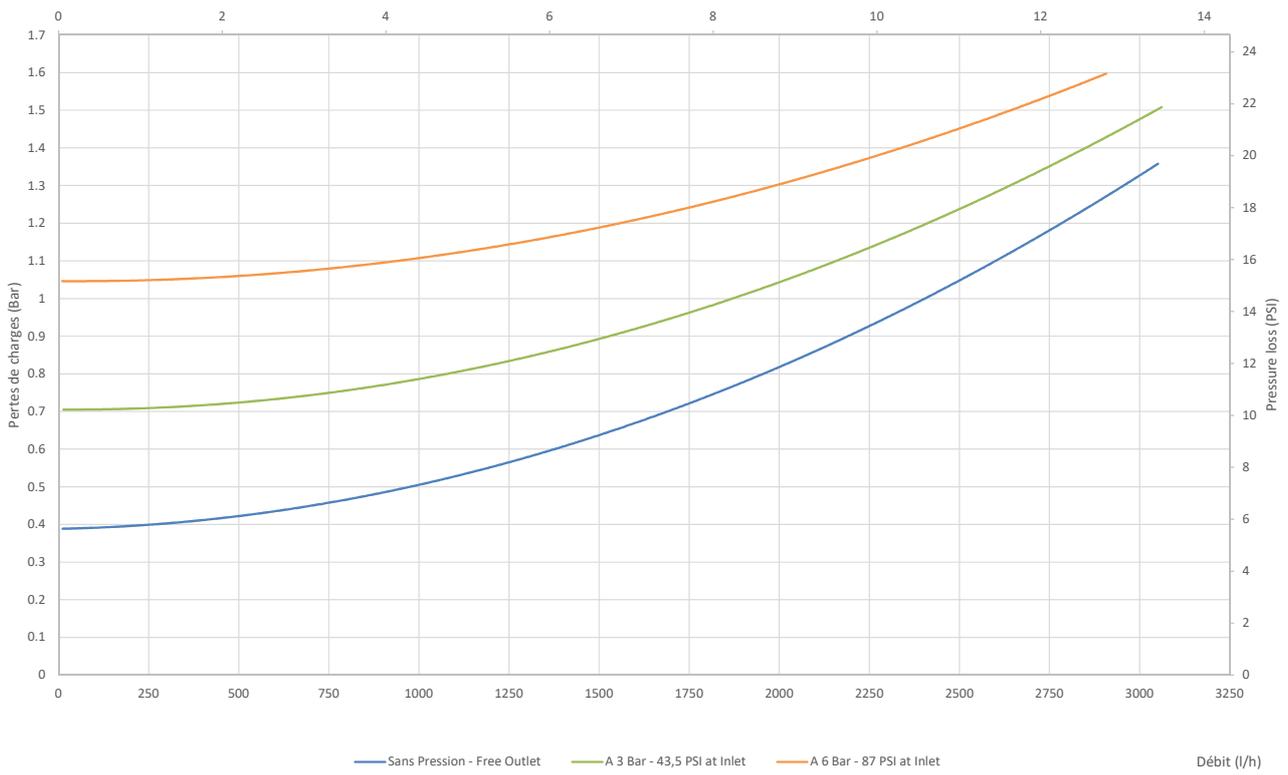
D3TRE5

Limites viscosité - D3TRE5 - Tuyau Ø12 & Ø16 mm



16/02/2022 - D3TRE5 - Courbes de Pertes de charges à 5% - Pressure drop curves at 1:20

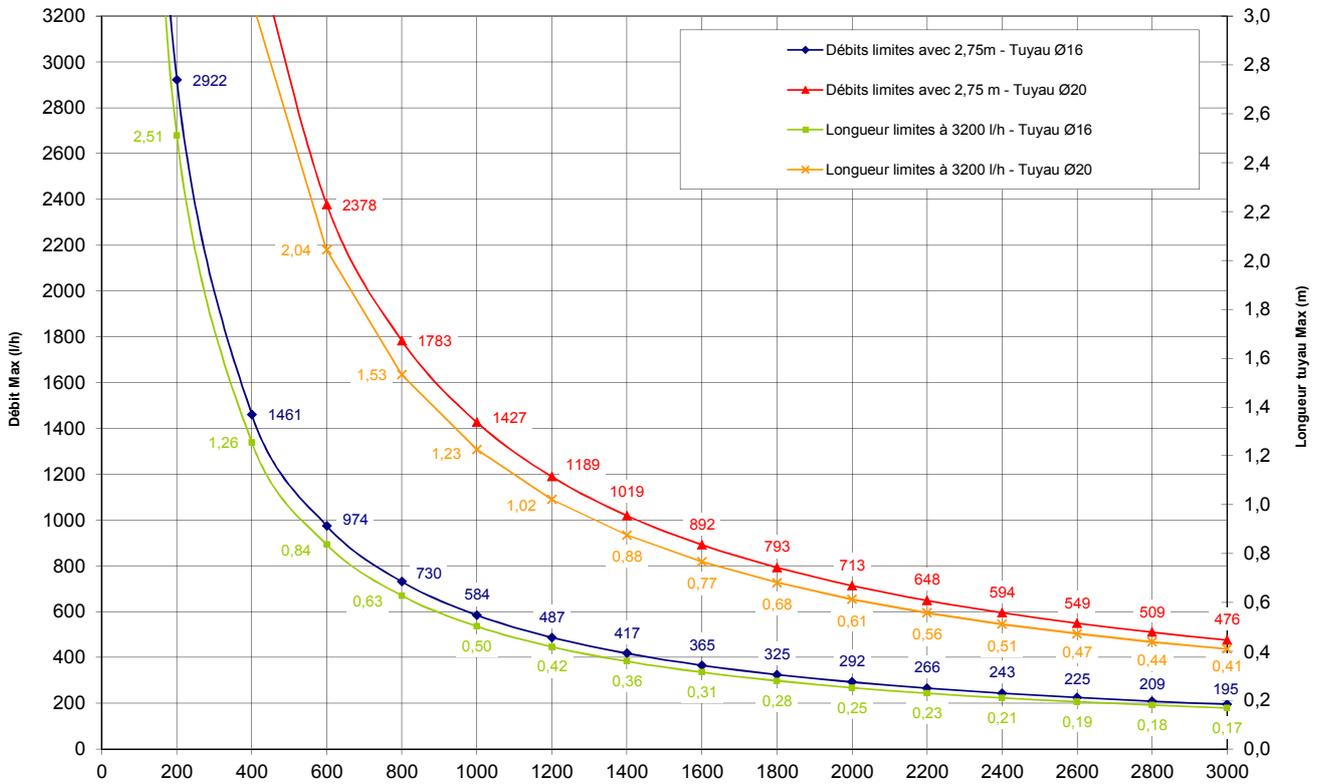
Flow Rate (US GPM)



CURVES - VISCOSITY & PRESSURE LOSS

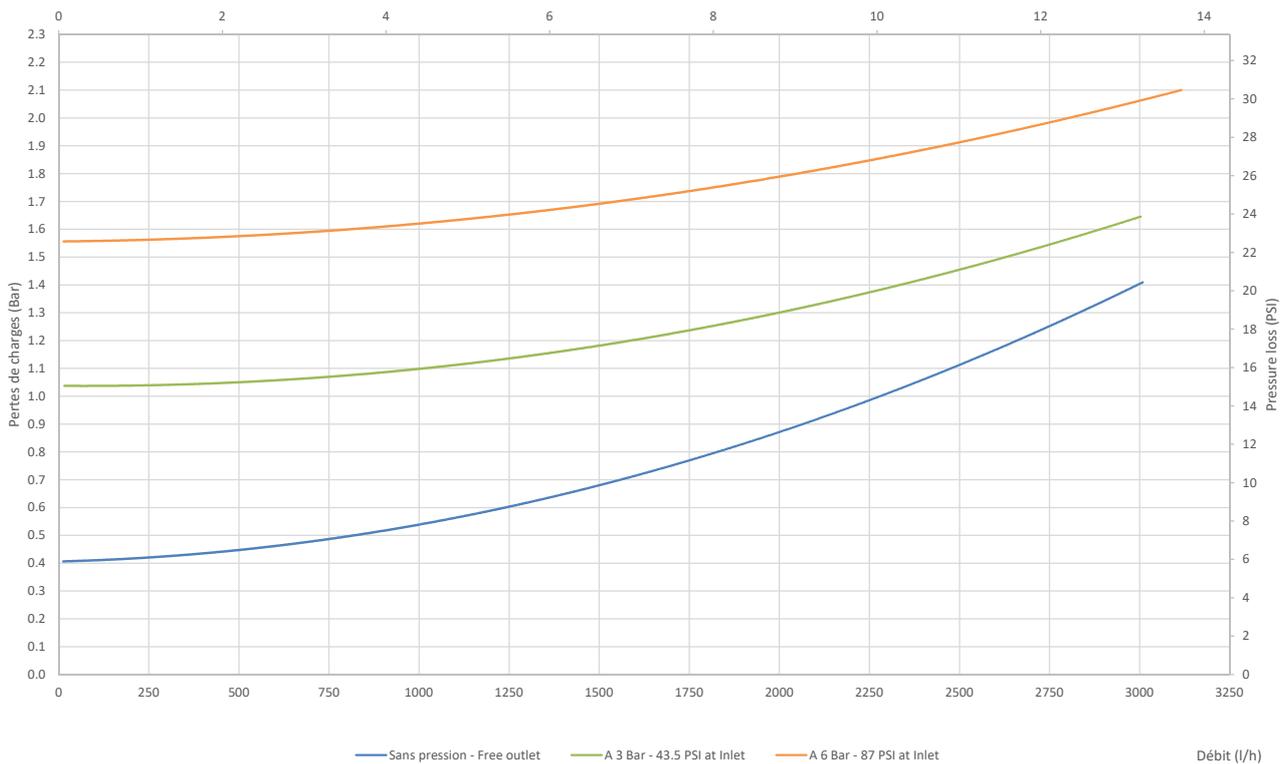
D3TRE10

Limites viscosité - D3TRE10 - Tuyau Ø16 & Ø20 mm



09/03/2022 - D3TRE10 - Courbes de Pertes de charges à 10% - Pressure drop curves at 1:10

Flow Rate (US GPM)



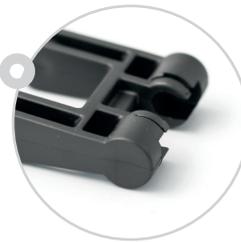
D° HIGH TEMP

The **D° HIGH TEMP** high-temperature dosing pump features a set of innovative technologies which are the result of 5 years of research, field tests and mechanism improvements in order to guarantee its performance over the entire temperature range of the motive fluid, **up to 70°C**.

We have developed a special heat-sensitive label that indicates the temperature level of motive fluid, taking into account the thermal conductivity of the housing.



The spring-loaded lips mechanically compensate for any expansion caused by high temperatures.



Particular attention has been paid to the choice and quality of the materials, with the aim of limiting friction, maintaining pressure levels and increasing the mechanical strength of the dosing pump.



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DOSATRON APP
Your daily assistant

