

Technický manuál

Injektor P20

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Účel použití:

Injektory se používají tam, kde je k dispozici hnací tlakové médium. Slouží k odsávání z jímek (nádrží), k dávkování kyselin nebo louhů při úpravách vody. Jsou samonasávací a neobsahují žádné mechanicky se pohybující díly. Dodávají se v různých materiálových provedeních, při jejichž volbě je nutné se řídit tabulkami chemických odolností.

Funkce:

Základní princip funkce injektoru vychází z toho, že z jedné trysky vystupuje základní hnací médium a z nasávací strany se směšuje s tekutým popřípadě plynným médiem. Výsledkem tohoto procesu je směs základního (hnacího) a přísávaného média. Směšovací poměr závisí na velikosti trysky a tlaku hnacího média. Nasávací množství udávají výkonnostní diagramy. Ty jsou ale pouze orientační a je nutno brát na zřetel skutečné provozní podmínky.

Typy provedení:

DN 10 – DN 20 s vnějším závitem

DN 25 – DN 50 se šroubením

DN 65 – DN 80 s nátrubkem

Technická data

Materiálové provedení:

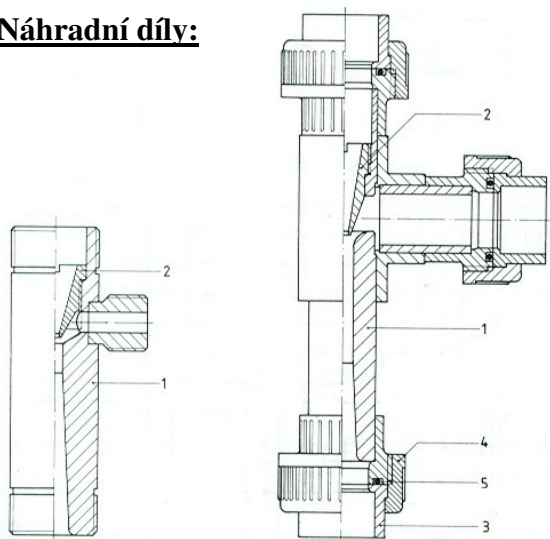
- PVC-U
- PVDF
- PP-H

Provozní teplota:

- PVC-U od 0°C do 60°C
- PVDF od -40°C do 140°C
- PP-H od -5°C do 80°C

max. 10 barů při 20°C

Náhradní díly:



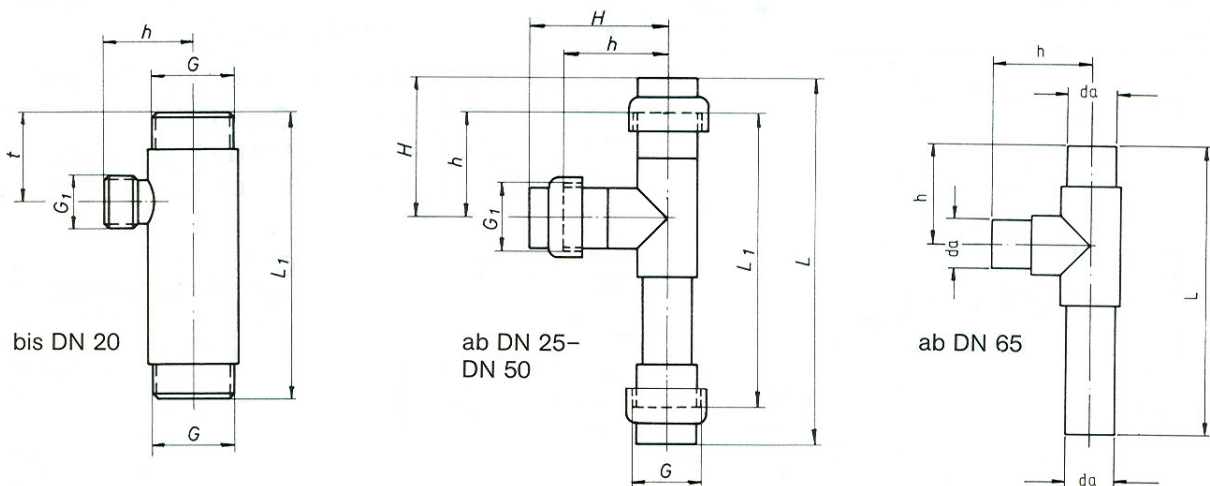
bis DN 20

DN 25–50

Pos.	Název	Kusů
1	Injektor	1
2	Tryska	1
3	Vložný díl	3
4	Převlečná matka	3
5	O-kroužek	3

od DN 65 se dodávají jen s nátrubky

Rozměry:

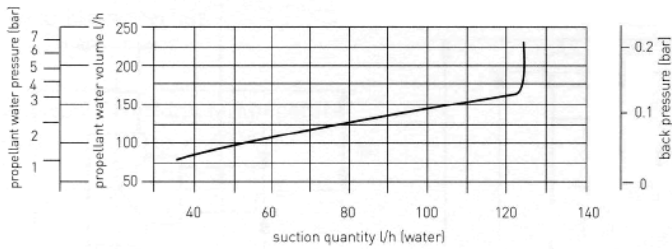


Typ	da	DN	G	G1	L	L1	t	H	h
P 20.10- 1,5	16	10	R 3/4"	R 3/4"	-	110	40	-	35
P 20.10- 2,0									
P 20.15- 2,0	20	15	R 1 "	R 3/4"	-	110	40	-	35
P 20.15- 3,0									
P 20.15- 4,0									
P 20.20- 3,0	25	20	R 1 1/4"	R 3/4"	-	145	45	-	45
P 20.20- 4,5									
P 20.20- 6,0									
P 20.25- 2,5	32	25	R 1 1/2"	R 1 1/2"	245	195	-	96	71
P 20.25- 4,0									
P 20.25- 5,0									
P 20.32- 3,0	40	32	R 2 "	R 2 "	297	239	-	116	87
P 20.32- 4,5									
P 20.32- 6,0									
P 20.40- 3,5	50	40	R 2 1/4"	R 2 1/4"	369	301	-	139	105
P 20.40- 5,5									
P 20.40- 7,5									
P 20.50- 5,0	63	50	R 2 3/4"	R 2 3/4"	433	351	-	169	128
P 20.50- 7,0									
P 20.50- 9,0									
P 20.65- 6,5	75	65	-	-	388	-	-	-	115
P 20.65- 9,0									
P 20.65-11,5									
P 20.80- 8,0	90	80	-	-	465	-	-	-	149
P 20.80-11,0									
P 20.80-14,0									

Výstupní grafy pro Injektor P 20.10

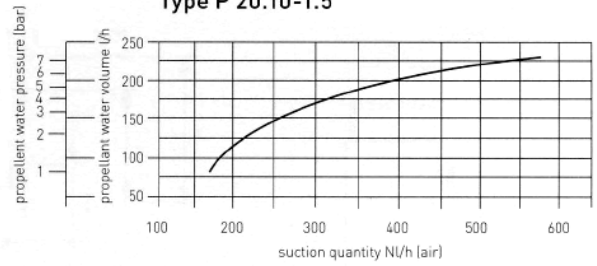
Sací médium: voda

Type P 20.10-1.5

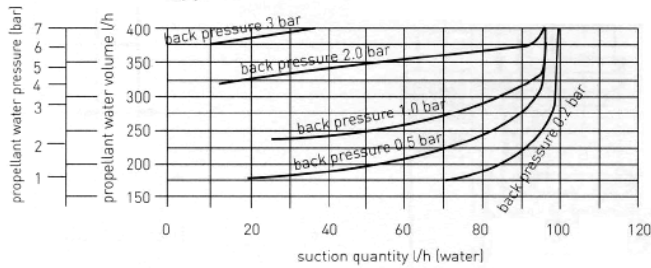


Sací médium: vzduch

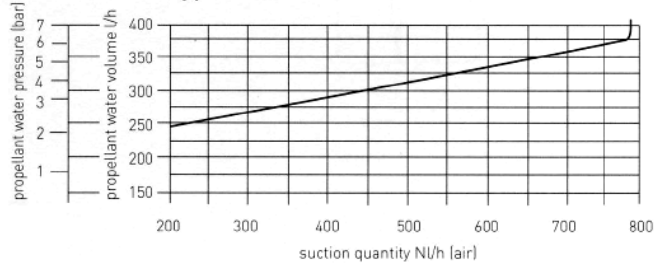
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Type P 20.10-2.5



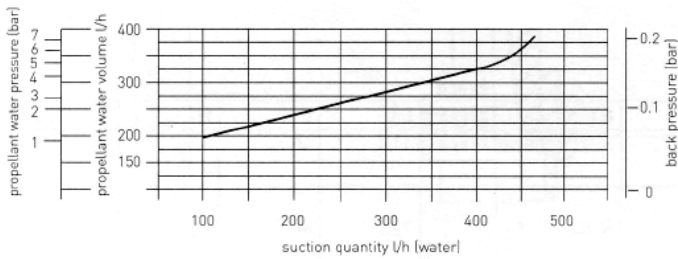
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Výstupní grafy pro Injektor P 20.15

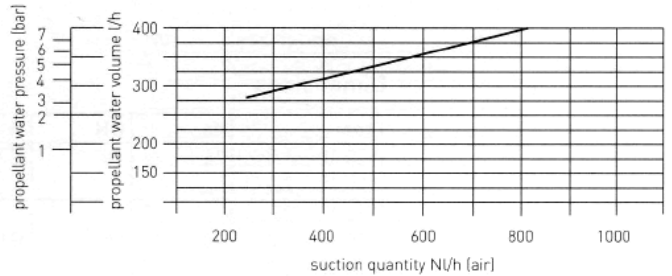
Sací médium: voda

Type P 20.15-2.0

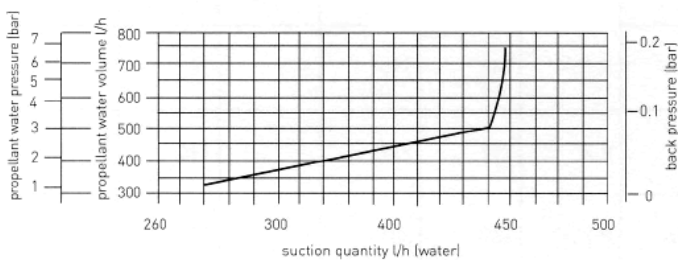


Sací médium: vzduch

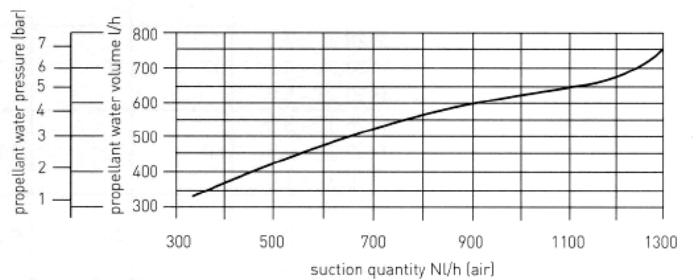
Type P 20.15-2.0



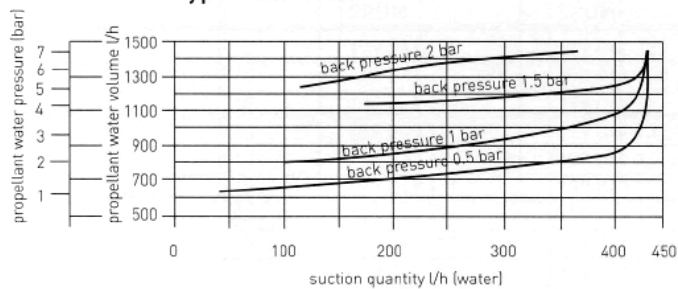
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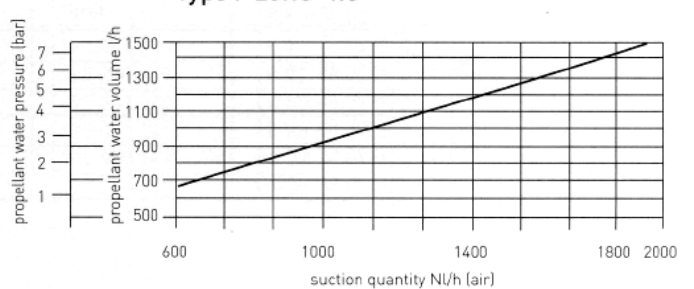
Type P 20.15-3.0



Type P 20.15-4.0

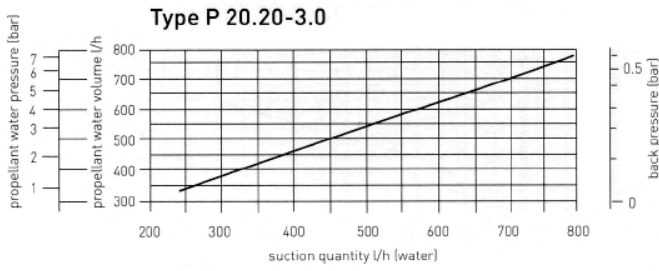


Type P 20.15-4.0

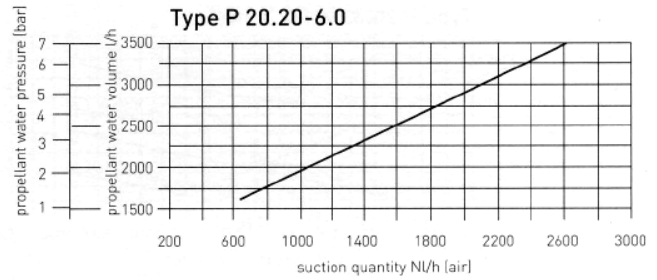
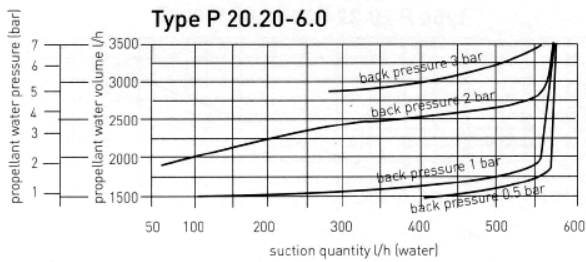
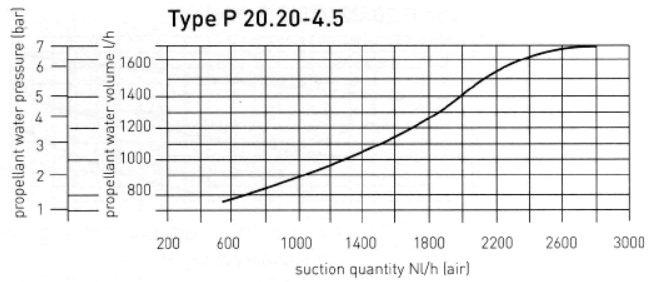
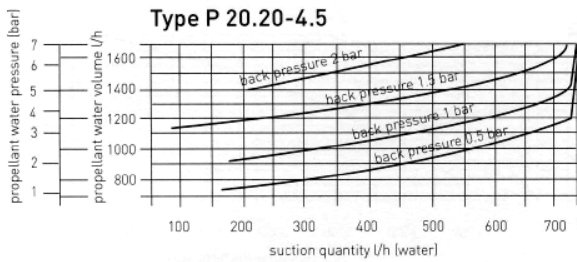
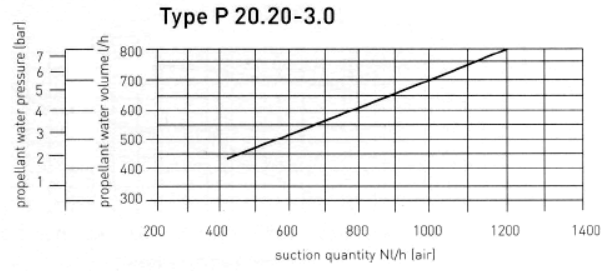


Výstupní grafy pro Injektor P 20.20

Sací médium: voda

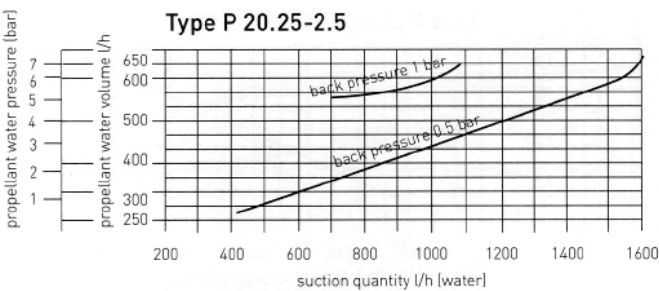


Sací médium: vzduch

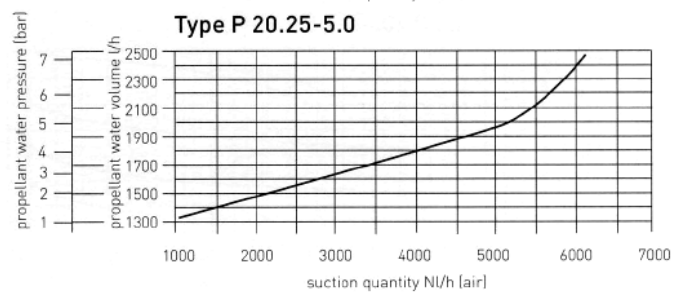
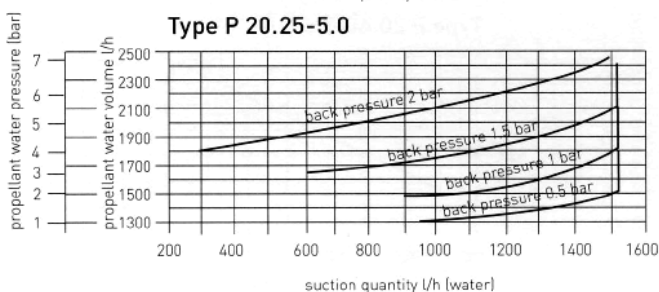
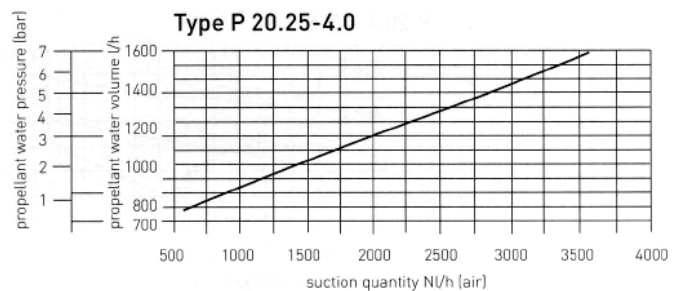
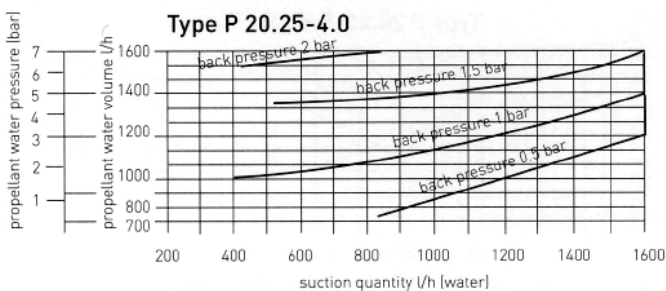
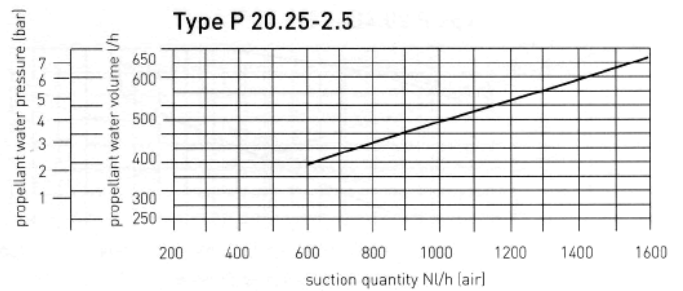


Výstupní grafy pro Injektor P 20.25

Sací médium: voda

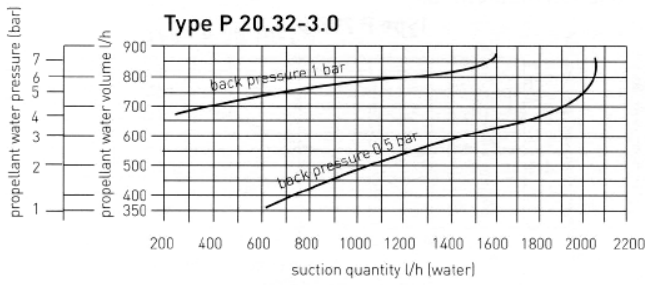


Sací médium: vzduch

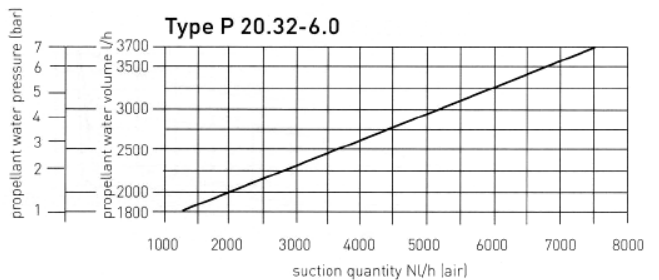
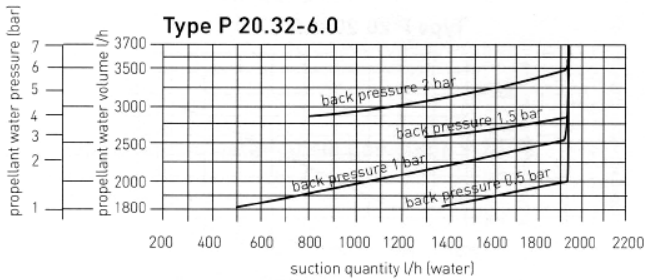
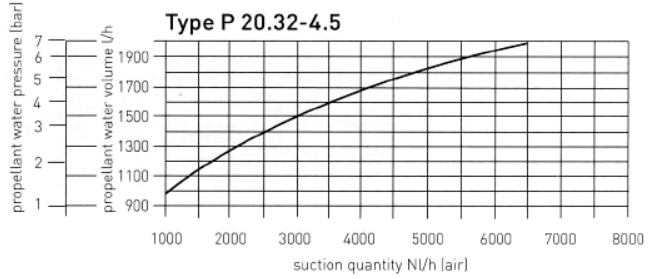
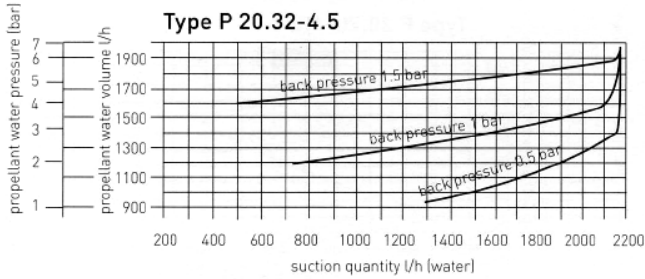
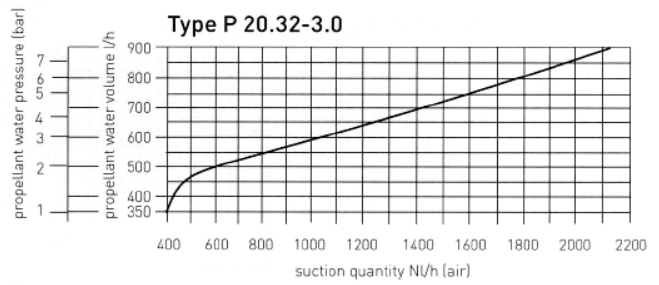


Výstupní grafy pro Injektor P 20.32

Sací médium: voda

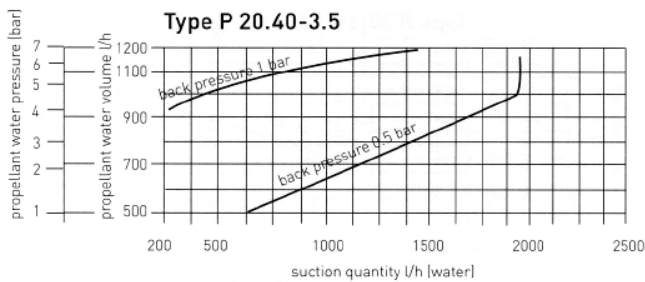


Sací médium: vzduch

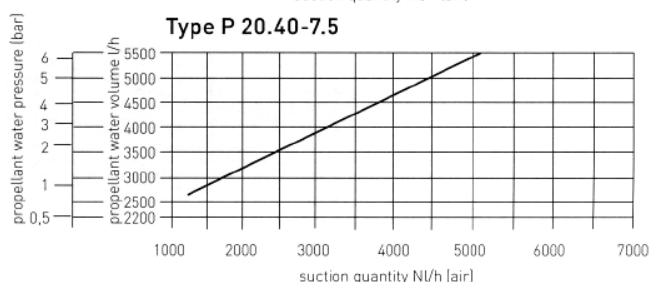
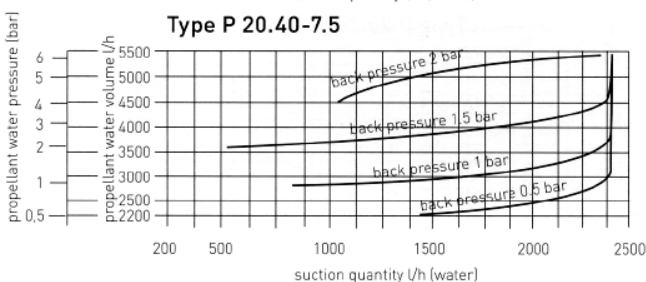
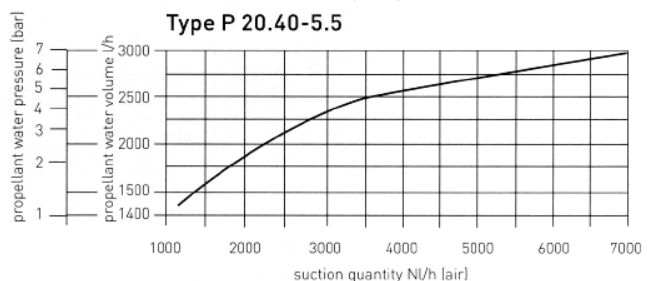
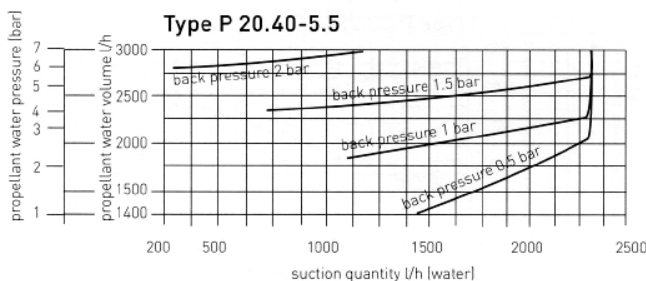
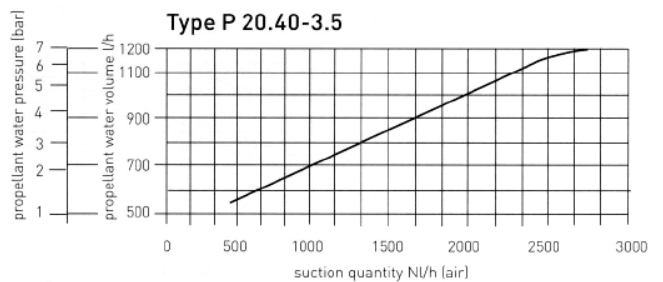


Výstupní grafy pro Injektor P 20.40

Sací médium: voda

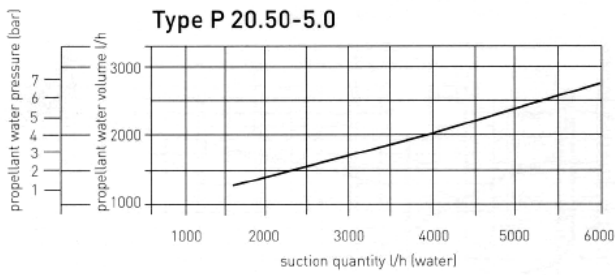


Sací médium: vzduch

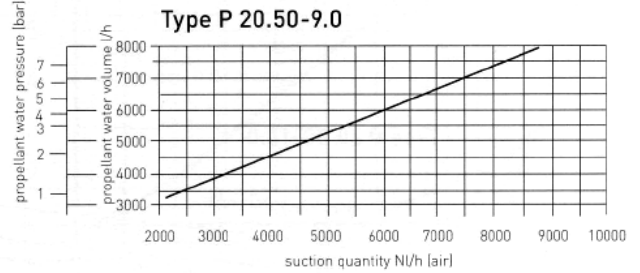
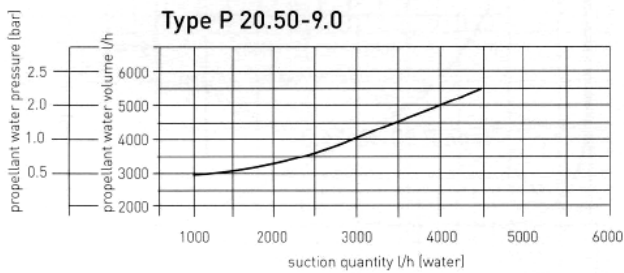
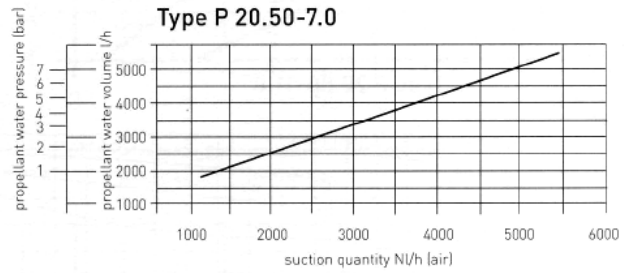
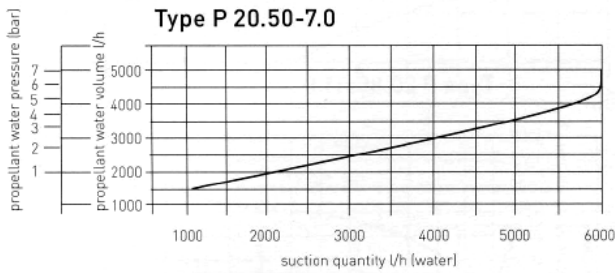
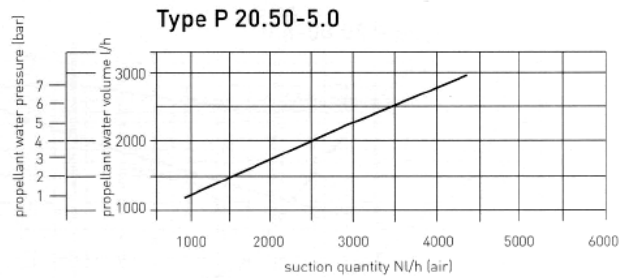


Výstupní grafy pro Injektor P 20.50

Sací médium: voda

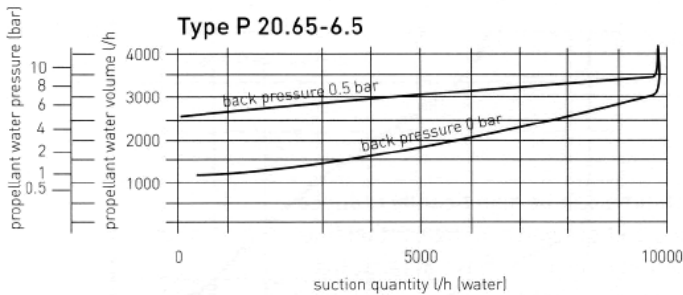


Sací médium: vzduch

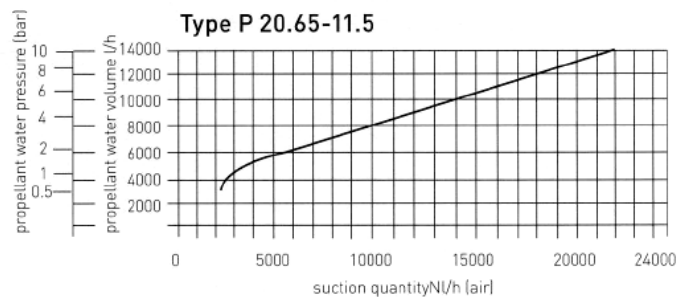
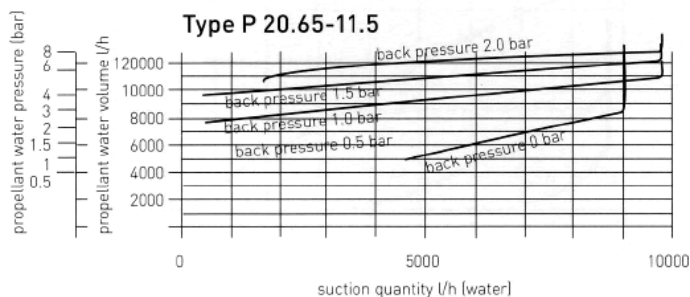
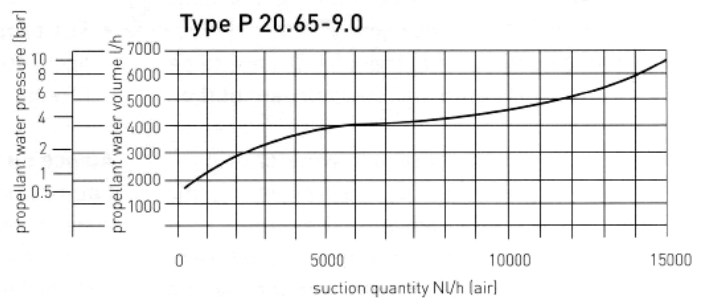
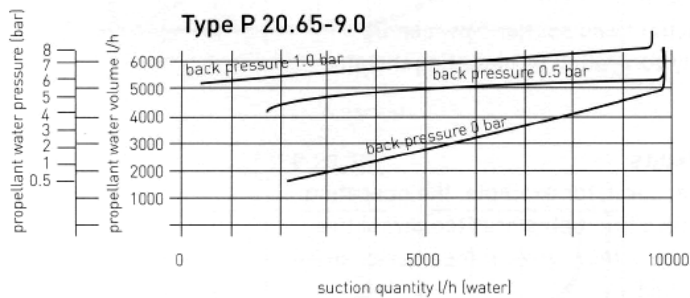
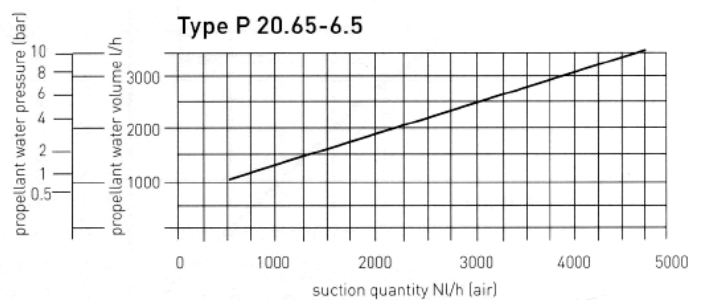


Výstupní grafy pro Injektor P 20.65

Sací médium: voda



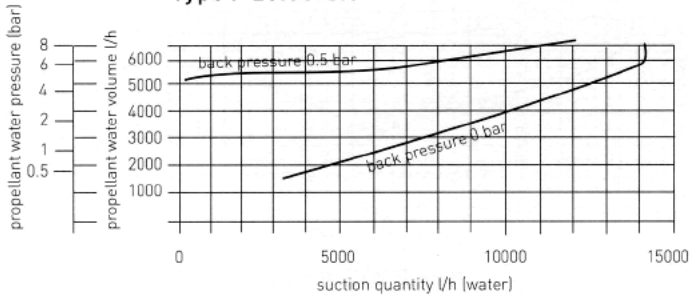
Sací médium: vzduch



Výstupní grafy pro Injektor P 20.80

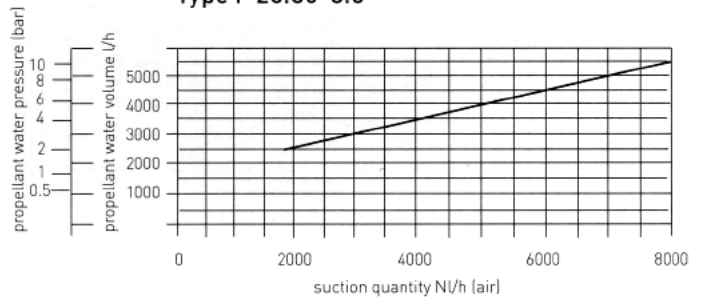
Sací médium: voda

Type P 20.80-8.0

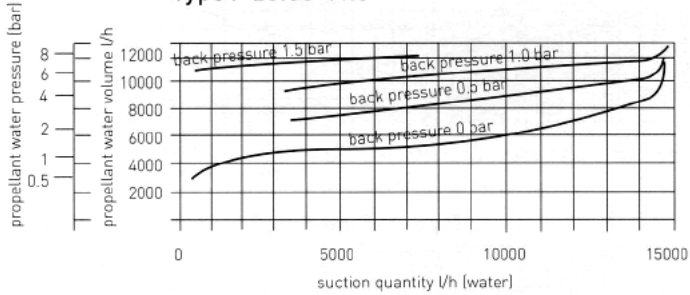


Sací médium: vzduch

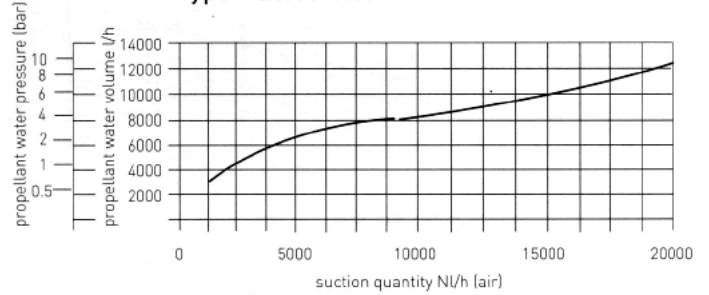
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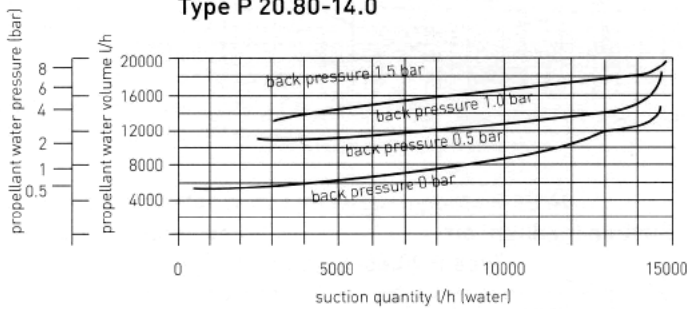
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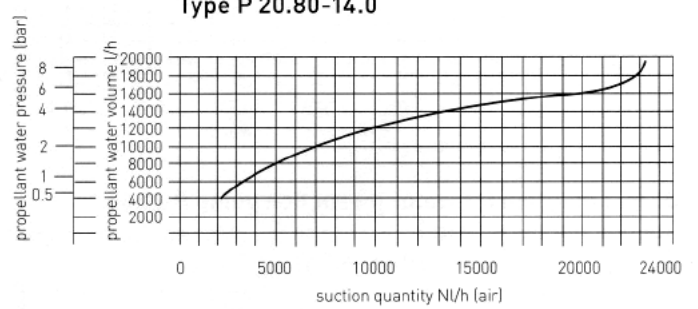
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Type P 20.80-14.0



Type P 20.80-14.0



TITAN-PLASTIMEX s.r.o.

Zastoupení GEORG FISCHER **+GF+** pro ČR

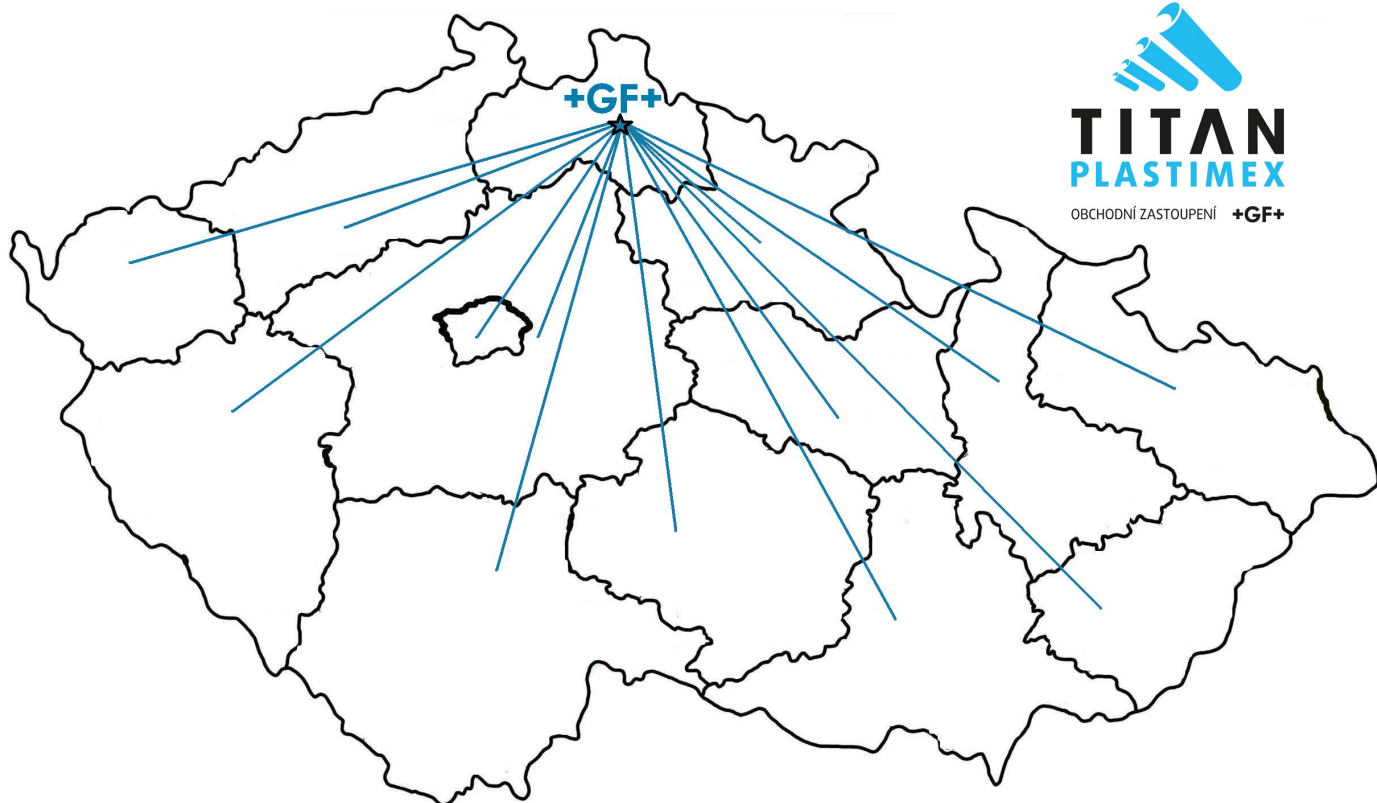
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Působnost po celé ČR:




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