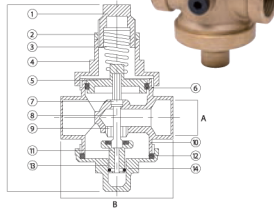
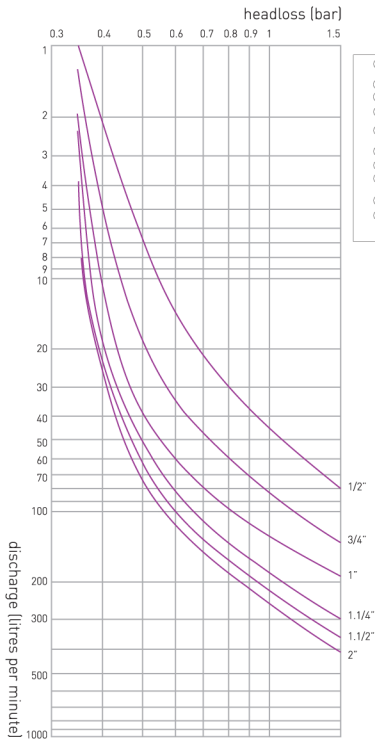


discharge and headloss diagram



PEX-413*

brass pressure reducing valve

maximum/minimum outlet pressure
(all sizes):

maximum: 6 bar - minimum: 0.5 bar

maximum operating temp: 80°C

maximum inlet pressure: 25 bar

material specification

key	component	material	in contact with water
1	spring holder	brass	no
2	fixed ring	brass	no
3	spring	steel	no
4	upper cap	brass	no
5	membrane	brass	yes
6	o-ring	NBR	yes
7	sealing ring with o-ring	brass + NBR	yes
8	bar	brass*	yes
9	seat	stainless steel	yes
10	body	brass	yes
11	shutter	brass	yes
12	gasket	fibre	yes
13	o-ring	NBR	yes
14	lower cap	brass	yes

*stainless steel in sizes higher than 1"

standard packing and dimensions

size	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"	2.1/2"	3"	4"
item weight (kg)	0.722	1.12	1.33	2.28	2.37	3.12	4.05	5.53	6.91
inner box contains box weight (kg)	1 0.79	1 1.19	1 1.41	1 2.42	1 2.51	1 3.32	1 4.33	1 5.76	1 7.33
outer carton contains carton weight (kg)	36 35.6	32 39.0	32 46.0	12 29.3	12 32.5	6 20.5	6 26.5	3 17.5	2 15.0
full pallet contains pallet weight (kg)	648 655.8	576 717.0	576 843.0	216 542.04	216 600.36	108 384.0	108 492.0	54 330.0	36 285.0
dimension A	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"	2.1/2"	3"	4"
dimension B mm	75	85	89	125	130	138	145	177	190
dimension C mm	120	150	160	220	220	250	260	285	310
flow (l/min)	20	34	66	110	160	240	140-180	160-220	200-260
surface in contact with water (cm ²)	69.3	128.3	148.3	295.0	287.3	700.1	855.5	1034	1286
surface / volume	1.53	1.23	1.16	0.94	0.94	0.72	0.91	0.85	0.78

*available sizes as per the 'standard packing details' table