

## MODELL PH-2200

Trykkreduserende regulator

PH-2200

Kompakt ettrinnsregulator med høy renhet og høyt flow

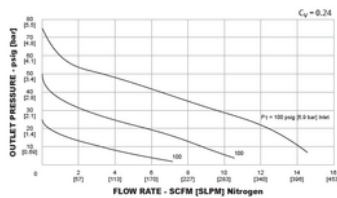
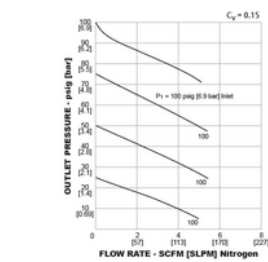
- Maks inngangstrykk: 10,3 bar
- Utgangstrykk: 0–0,69, 0–1,7, 0–3,4, 0–6,9 bar
- Tilkoblinger for sanitær, rør og høy renhet
- Cv: 0,06, 0,15 og 0,24
- Temperaturområde: -40 °C til 74 °C



## PRODUKTBESKRIVELSE

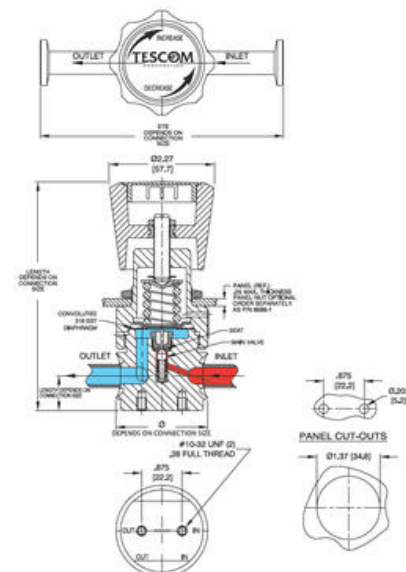
Trykkreduserende regulator i Pharpure-serien med FDA-samsvar. Ettrinns regulator med høy renhet og kompakt design som oppfyller kravene i USP Class VI og BPE. Egnet for spesialgasser, korrosive og pyrofore gasser med flow < 5 SCFM / 142 SLPM. Diffusjonstett metallmembran sikrer gassens renhet og integritet.

For more information on how to read flow curves, please refer to the Flow Curves and Calculations document (debu2007v01.2) in the TESCOM catalog or on www.tescom.com.



Example for selecting a part number:

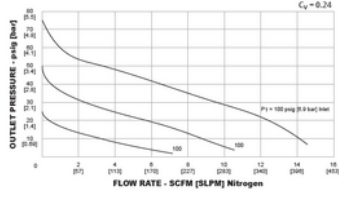
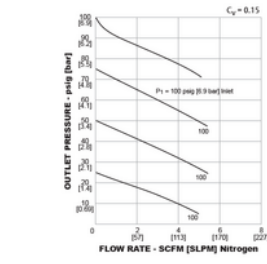
PH-22	A	2	8	2	1	0	B			
BASIC SERIES	BODY MATERIAL	SEAT MATERIAL	VALVE SPRING	LOAD TYPE	OUTLET PRESSURE	INLET AND OUTLET PORT SIZE	INLET AND OUTLET PORT TYPE	FLOW CAPACITY	GAUGE PORT OPTIONS	CERTIFICATE OF CONFORMANCE
PH-22	A - 316L Stainless Steel	PTFE	216 Stainless	8 - Spring	0-10 psig 0-0.69 bar	1/2" - 20 0.775" OD 0.750" ID	1 - Sanitary 2 - Tube	1 - C <sub>v</sub> = 0.06 2 - C <sub>v</sub> = 0.15 4 - C <sub>v</sub> = 0.24	0 - No gauge 1 - One 1/4" NPT gauge port at 90°	A - None B - Clean Service Certification
B	316L Stainless Steel	Actua <sup>®</sup> (PDK)	216 Stainless	2 - Spring	0-50 psig 0-3.4 bar	1/2" - 20 0.775" OD 0.750" ID	1 - Sanitary 2 - Tube	1 - C <sub>v</sub> = 0.06 2 - C <sub>v</sub> = 0.15 4 - C <sub>v</sub> = 0.24	0 - No gauge 1 - One 1/4" NPT gauge port at 90°	A - None B - Clean Service Certification
C	316L Stainless Steel	Actua <sup>®</sup> (PDK)	216 Stainless	7 - Spring	0-100 psig 0-6.9 bar	1/2" - 20 0.775" OD 0.750" ID	1 - Sanitary 2 - Tube	1 - C <sub>v</sub> = 0.06 2 - C <sub>v</sub> = 0.15 4 - C <sub>v</sub> = 0.24	0 - No gauge 1 - One 1/4" NPT gauge port at 90°	A - None B - Clean Service Certification
D	316L Stainless Steel	Actua <sup>®</sup> (PDK)	216 Stainless	4 - Spring	0-100 psig 0-6.9 bar	1/2" - 20 0.775" OD 0.750" ID	1 - Sanitary 2 - Tube	1 - C <sub>v</sub> = 0.06 2 - C <sub>v</sub> = 0.15 4 - C <sub>v</sub> = 0.24	0 - No gauge 1 - One 1/4" NPT gauge port at 90°	A - None B - Clean Service Certification
E	316L Stainless Steel	Actua <sup>®</sup> (PDK)	216 Stainless	5 - Spring	0-100 psig 0-6.9 bar	1/2" - 20 0.775" OD 0.750" ID	1 - Sanitary 2 - Tube	1 - C <sub>v</sub> = 0.06 2 - C <sub>v</sub> = 0.15 4 - C <sub>v</sub> = 0.24	0 - No gauge 1 - One 1/4" NPT gauge port at 90°	A - None B - Clean Service Certification
F	316L Stainless Steel	Actua <sup>®</sup> (PDK)	216 Stainless	6 - Derive	0-100 psig 0-6.9 bar	1/2" - 20 0.775" OD 0.750" ID	1 - Sanitary 2 - Tube	1 - C <sub>v</sub> = 0.06 2 - C <sub>v</sub> = 0.15 4 - C <sub>v</sub> = 0.24	0 - No gauge 1 - One 1/4" NPT gauge port at 90°	A - None B - Clean Service Certification



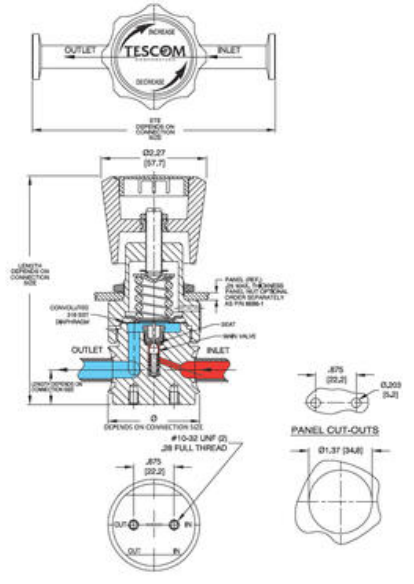
All dimensions are reference & nominal  
Metric (millimeter) equivalents are in brackets

For more information on how to read flow curves, please refer to the Flow Curves and Calculations document (debu2007v01.1.2) in the TESCOM catalog or on www.tescom.com.

Example for selecting a part number:



PH-22	A	2	8	0	1	0	B			
BASIC SIZES	BODY MATERIAL	SEAT MATERIAL FINISH	VALVE SPRING	LOAD TYPE	ORIFICE PRESSURE	INLET AND ORIFICE PORT TYPE	INLET AND ORIFICE PORT SIZE WALL THICKNESS	FLOW CAPACITY	Gauge Port Options	CERTIFICATE OF CONFORMANCE
PH-22	A - 316L Stainless Steel	PTFE Stainless Steel	PTFE Stainless Steel	8 - Spring	0.10 psig / 0.69 bar	6 - Secondary 20° / 8 - Tube	20° / 0.875" OD / 0.875" OD / 0.875" wall	1 - C <sub>g</sub> = 0.15 2 - C <sub>g</sub> = 0.15 4 - C <sub>g</sub> = 0.24	0 - No gauge port 1 - One 1/4" NPT gauge port at 90° 2 - One 1/4" NPT gauge port at 90°	A - None B - Clean Service Certification
	B - 316L Stainless Steel	Adapt (PTFE) Chrome Nickel Alloy	Adapt (PTFE) Chrome Nickel Alloy	2 - Spring	0.50 psig / 3.45 bar	2 - Spring	0.50 psig / 3.45 bar			
	C - 316L Stainless Steel	PTFE Stainless Steel	PTFE Stainless Steel	5 - Spring Bar	0.10 psig / 0.69 bar	5 - Spring Bar	0.10 psig / 0.69 bar			
	D - 316L Stainless Steel	Adapt (PTFE) Chrome Nickel Alloy	Adapt (PTFE) Chrome Nickel Alloy	7 - Spring	0.10 psig / 0.69 bar	7 - Spring	0.10 psig / 0.69 bar			
				4 - Spring Bar	0.10 psig / 0.69 bar	4 - Spring Bar	0.10 psig / 0.69 bar			
				5 - Spring Bar	0.10 psig / 0.69 bar	5 - Spring Bar	0.10 psig / 0.69 bar			
				8 - Spring Bar	0.10 psig / 0.69 bar	8 - Spring Bar	0.10 psig / 0.69 bar			
				6 - Diaphragm	0.10 psig / 0.69 bar	6 - Diaphragm	0.10 psig / 0.69 bar			



All dimensions are reference & nominal  
Metric (in/bracket) equivalents are in brackets