

SERIE 50-2000

Trykkreduserende regulator

50-2000
 Serie 50-2000

- Maks inngangstrykk: 1034 bar
- Maks utgangstrykk: 690 bar
- Temperaturområde: -26 til 74 °C
- Cv: 0,02, 0,06, 0,12
- Lekkasje tetthet: bobletett, metallsete: 2 dråper/min ved 150 SUS og 2500 psig / 172 bar



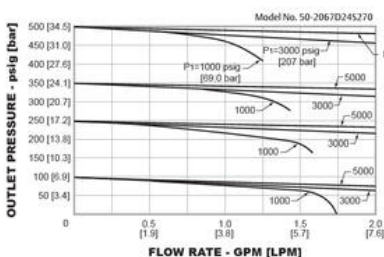
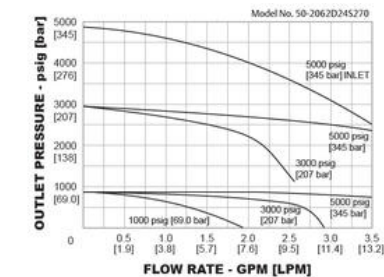
PRODUKT BESKRIVELSE

Applikasjoner

- Brønnhodekontrollpaneler
- Subsea ventilaktivering
- Kjemisk injeksjon
- Hydrauliske kraftenheter (HPU)

Fordele

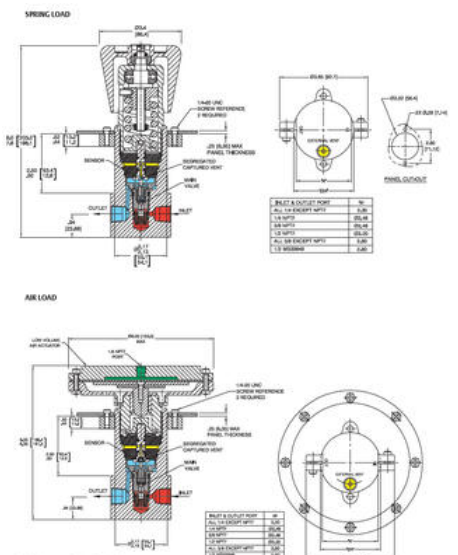
- Nytt stempel- og tetningsdesign som forlenger levetiden i vannbaserte hydrauliske applikasjoner med høyt trykk
- Spesialdesignet sete og ventil for optimal drift i hydrauliske systemer
- Segregert og innkapslet ventilering
- Tapered poppet-design for bedre trykk kontroll
- Tilgjengelig i høytrykksutførelser

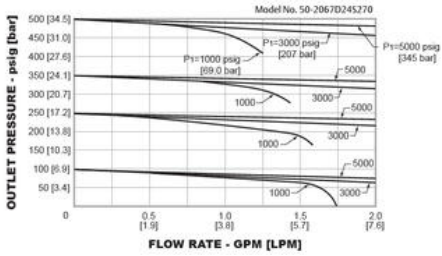
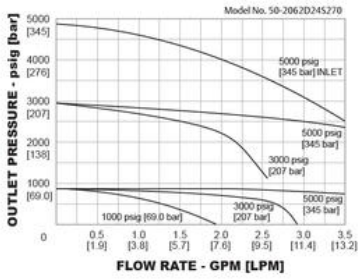


Example for selecting a part number:

| 50-20 | 6 | 1 | D | 2 | 4 | 5 | 1 | 7 | 0 |
|--------------|----------------------------|-----------------------------------|--|---|--|---|---|---|---|
| BASIC SERIES | MAXIMUM INLET PRESSURE | OUTLET PRESSURE | SOFT GOODS MATERIAL | INLET AND OUTLET PORT TYPE (EVENT PORT) | INLET AND OUTLET PORT SIZE | FLOW CAPACITY | MAIN VALVE SEAT AND VENT SEAT MATERIAL | GAUGE PORT OPTIONS | |
| | | | DYNAMIC | STATIC | | | | | |
| 50-20 | 6 - 15,000 psig 400 bar | 1 - 200-10,000 psig 13,240 bar | 1 - NBR 2 - EPDM 3 - Viton® 4 - High Pressure 5 - Viton® 6 - Medium Pressure 7 - 1,500 psig 8 - 3,500 psig 9 - 10,000 psig | 1 - NPT 2 - NPT 3 - NPT 4 - High Pressure 5 - High Pressure 6 - Medium Pressure 7 - High Pressure 8 - High Pressure 9 - High Pressure | 1 - 1/2" 2 - 1/2" 3 - 1/2" 4 - 1/2" 5 - 1/2" 6 - 1/2" 7 - 1/2" 8 - 1/2" 9 - 1/2" | 1 - C _v = 0.02 2 - C _v = 0.06 3 - C _v = 0.12 | 1 - 17.4 Stainless Steel 2 - Polytetrafluorethylene (PTFE) | 1 - 1 valve stem at 90° 2 - 2 gauge ports at 90° 3 - 2 gauge ports at 45° 4 - 2 gauge ports at 90° 5 - 1 gauge port at 90° 6 - 1 gauge port at 45° | |

1 - 15,000 psig / 1034 bar inlet requires a CTR back-up ring on main valve.
 2 - Not available in high reduction pressure.
 3 - Not available for metal control needles.
 4 - Not available with 15,000 psig / 1034 bar inlet with 1/2" vent.
 5 - High pressure and medium pressure only.





Example for selecting a part number:

| 50-20 | | 6 | 1 | D | 2 | 4 | 5 | 1 | 7 | 0 |
|--------------|--|---|------------------------|--------------------|-----------------------------------|----------------------------|---|--|--|---|
| BASIC SERIES | MAXIMUM INLET PRESSURE | OUTLET PRESSURE | SOFT GOODS MATERIAL | | INLET AND OUTLET PORT TYPE | INLET AND OUTLET PORT SIZE | FLOW CAPACITY | MAIN VALVE SEAT AND VEGET SEAT MATERIAL | GAUGE PORT OPTIONS | |
| | | | DYNAMIC | STATIC | | | | | | |
| 50-20 | 6 - 10,000 psig 400 bar | Spring load 800 bar | D - Nitrile, Buna-N | Nitrile, Buna-N | 1 - SAJ 11(1/4" SAJ) | 4 - 1/4" 4 - 20P | 1 - C _v = 0.02 ¹ 2 - C _v = 0.06 | 5 - 17.4 Stainless Steel | 0 - None | |
| | 9 - 11,000 psig ² 1024 bar | 1 - 200-10,000 psig 13,840 bar 2 - 10,000 psig 914 bar | 1 - FKM (Viton®-A) | FKM (Viton®-A) | 2 - NPT (1/4" NPT) | 8 - 1/2" 8 - 12T | 3 - C _v = 0.12 ³ | 2 - Polytetrafluoroethylene (Teflon®) | 1 - 1 outlet gauge at 90° 2 - 2 gauge ports at 90° 3 - 3 gauge ports at 90° 4 - 4 gauge ports at 90° 5 - 1 gauge port at 90° 6 - 2 gauge ports at 90° 7 - 2 gauge ports at 90° 8 - 1 gauge port at 90° 9 - 1 gauge port at 90° | |
| | | 3 - 10,000 psig 914 bar 4 - 11,200 psig 1,017 bar 5 - 10,100 psig 910 bar 6 - 1,000 psig 89.5 bar 7 - 1,000 psig 89.5 bar | 2 - Ethylene Propylene | Ethylene Propylene | 3 - MET2509 (1/4" MET2509) | 9 - 6/16" | | | | |
| | | 800 bar 1 - 200-10,000 psig 13,840 bar 2 - 10,000 psig 914 bar 3 - 4,454 bar 4 - 13,200 psig 1,017 bar 5 - 10,100 psig 910 bar | | | 4 - High Pressure (1/4" NPT) | | | | | |
| | | 1 - 200-10,000 psig 13,840 bar 2 - 10,000 psig 914 bar 3 - 4,454 bar 4 - 13,200 psig 1,017 bar 5 - 10,100 psig 910 bar | | | 6 - Medium Pressure (1/4" NPT) | | | | | |

¹ 15,000 psig / 1034 bar inlet requires a CTR backstop on main valve.
² Not available in high or medium pressure.
³ Not available for metal seated models.
⁴ Not available with 15,000 psig / 1034 bar inlet with Valve® seat.
⁵ High pressure and medium pressure only.

