

Procon Pumps Matrix

1 1 1 A 100 F 1 1 A A 250

Product Classification:

1 – Rotarv Vane Pump

Food Grade Classification:

0 – Non Food Grade – No Agency Approval
 1 – NSF C-2 Listed
 2 – WRC Approved
 3 – Food Grade – No Agency Approval

Series:

1 – Brass, 3/8 NPT Ports, Integral Strainer
 2 – Brass, 3/8 NPT Ports
 3 – ST STL, 3/8 NPT Ports
 4 – Brass, 1/2 NPT Ports
 5 – ST STL, 1/2 NPT Ports
 6 – ST STL, 1" NPT Ports
 7 – Brass, 3/8 NPT Ports, Mini Pro
 8 – ST STL, 3/8 NPT Ports, Integral Strainer

Mounting and Drive Configuration:

A – CLAMP ON WITH .188: DOUBLE FLAT DRIVE
 B – CLAMP ON WITH 1143 BRONZE COUPLING
 C – CLAMP ON WITH 1143-2 PLASTIC COUPLING
 D – CLAMP ON WITH SLOTTED SHAFT ONLY-NO COUPLY
 E – BOLT ON WITH SINGLE FLAT DRIVE
 J – BOLT ON WITH .25" DOUBLE FLAT DRIVE
 K – BOLT ON WITH 3018 BRONZE COUPLING
 L – BOLT ON WITH 3018-1 OVERSIZE BRONZE COUPLING
 M – BOLT ON WITH SLOTTED SHAFT ONLY
 N – BOLT ON WITH KEY SLOT DRIVE
 P – CLAMP ON WITH 1143-3 OVERSIZE BRONZE COUPLING
 R – LONG CLAMP ON WITH DOUBLE FLAT DRIVE
 S – CLAMP ON WITH SINGLE FLAT DRIVE

FLOWRATE:

SERIES 1, 2, & 3	SERIES 4 & 5	SERIES 6
015-15 GPH	115-115 GPH	300-300 GPH
025-25 GPH	140-140 GPH	360-360 GPH
035-35 GPH	165-165 GPH	420-420 GPH
050-50 GPH	190-190 GPH	480-480 GPH
060-60 GPH	215-215 GPH	540-540 GPH
070-70 GPH	240-240 GPH	600-600 GPH
080-80 GPH	265-265 GPH	660-660 GPH
100-100 GPH		
110-110 GPH		
125-125 GPH		
140-140 GPH		

Elastomer / Seal Configuration:

A – Nitrile / Positive Drive Seal
 F – Nitrile / Type 21 or Type 2100 Seal
 G – Ethylene Propylene / Type 21 Seal
 R – Fluorocarbon / Type 21 Seal
 S – Neoprene / Type 21 Seal
 V – Nitrile / Type 21 Seal with Low Force Spring
 W – Ethylene Propylene / Type 21 / WRC Approved Compound

Pressure Setting (Relief Valve):

Setting for relief valve pressure in PSI (Pounds per Square Inch)

Pressure Range (Relief Valve Spring):

A – 151 to 250 PSI, Default Setting 170 PSI
 B – 100 to 150 PSI, Default Setting 130 PSI
 C – 60 to 99 PSI, Default Setting 99 PSI
 D – 30 to 59 PSI, Default Setting 50 PSI
 X – No Setting

Valve Type and Configuration:

A – Plastic, HI Temp-Bypass (SS HSG SEAT)
 B – Plastic HI Temp-Solid (SS HSG SEAT)
 C – Plastic HI Temp-BAL Bypass (SS HSG SEAT)
 D – Plastic HI Temp-Solid (SS HSG SEAT)
 F – Plastic HI Temp-EXT ADJ Bypass (SS HSG SEAT)
 G – Plastic HI Temp-EXT ADJ Solid (SS HSG SEAT)
 H – Plastic HI Temp-Bypass
 J – Plastic HI Temp-Solid
 K – Plastic HI Temp-Balanced Bypass
 L – Plastic HI Temp-Balanced Solid
 M – Plastic HI Temp-EXT ADJ Bypass
 N – Plastic HI Temp-EXT ADJ Solid
 P – Brass HI Temp-Solid (SS HSG SEAT)
 R – SS HI Temp-Solid (SS HSG SEAT)
 1 – Plastic LO Temp-Bypass (SS HSG SEAT)
 2 – Plastic LO Temp-Solid (SS HSG SEAT)
 3 – Plastic LO Temp-Bypass
 4 – Plastic LO Temp-Solid
 5 – Plastic LO Temp-BAL Bypass (SS HSG SEAT)
 X – No Relief Valve

Clearances:

1 – Standard Clearance
 2 – SPCL Clearance (1x) Liner and BRGS
 3 – SPCL Clearance (2x) Liner and (1x) BRGS
 4 – Standard Clearance with Seal Circulation
 5 – SPCL Clearance (1x) Liner w/ (1x) Seal CIRC BRGS
 6 – SPCL Clearance (2x) Liner w/ (1x) Seal CIRC BRGS

Rotation/Slinger/Passivation/Strainer:

1 – Clockwise
 2 – Counter Clockwise
 3 – Clockwise/Slinger
 4 – Counter Clockwise/Slinger
 5 – Clockwise/Slinger/ Passivation
 6 – Counter Clockwise/Slinger/Passivation
 7 – Clockwise/Coarse Strainer
 8 – Clockwise/Slinger/Coarse Strainer

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 Certified Company

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