

# PROCON MODEL NUMBER MATRIX

1 1 1 A 1 0 0 F 1 1 A A 2 5 0

**PRODUCT CLASSIFICATION:**

1 - ROTARY 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 & 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 COUPLING  
 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	330 - 330 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-BAL 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 - S/S, 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 BY-PASS (SS HSG SEAT)  
 X - NO RELIEF VALVE

**CLEARANCES:**

1 - STANDARD CLEARANCE  
 2 - SPCL CLEARANCE (1x) LINER & BRGS  
 3 - SPCL CLEARANCE (2x) LINER & (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 - COUNTERCLOCKWISE  
 3 - CLOCKWISE / SLINGER  
 4 - COUNTERCLOCKWISE / SLINGER  
 5 - CLOCKWISE / SLINGER / PASSIVATION   
 6 - COUNTERCLOCKWISE / SLINGER / PASSIVATION   
 7 - CLOCKWISE / COARSE STRAINER  
 8 - CLOCKWISE / SLINGER / COARSE STRAINER

**NOTES:**

- BRASS PUMPS ARE NSF LISTED FOR POTABLE WATER ONLY. STAINLESS STEEL PUMPS ARE NSF LISTED FOR POTABLE AND CARBONATED WATER.
- BOLT ON MODEL WITH .25" DOUBLE FLAT DRIVE FOR USE IN JAPAN ONLY. NSF LISTING NOT AVAILABLE.
- COUNTERCLOCKWISE ROTATION CAN NOT BE OBTAINED IN A PUMP WITH INTEGRAL STRAINER.
- FOR THE BEVERAGE INDUSTRY, THE DEFAULT RELIEF VALVE PRESSURE SETTING IS 250 PSI.
- THE RELIEF VALVE PRESSURE SETTING IS NOT PART OF THE MODEL NUMBER. THIS NUMBER IS FOR CUSTOMER REFERENCE.
- THIS PRESSURE RANGE NOT AVAILABLE IN VALVE CONFIGURATIONS C, D, K, OR L.
- PASSIVATION IS DEFINED AS PASSIVATED HOUSING ONLY. NO OTHER PUMP COMPONENTS ARE PASSIVATED.

REV. U WML 10-15-01 REV. V MEA 1-28-04 ECN #C1975 REV. X MEA 7-6-04 REV. Y MEA 7-22-05 REV. Z MEA 9-12-06