

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