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TECHNOLOGY GROUP

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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 STD. 169 LISTED (1)
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

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 (2)
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
T – BOLT ON WITH FAEMA STYLE MOUNT

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:
F – NITRILE / TYPE 21
(8) G – ETHYLENE PROPYLENE / TYPE 21 SEAL
R – FLUOROCARBON / TYPE 21 SEAL
S – NEOPRENE / TYPE 21 SEAL
W – ETHYLENE PROPYLENE / TYPE 21 / WRC APPROVED COMPOUND

PRESSURE SETTING (RELIEF VALVE): (5)
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 (4)
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 (6)
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
2 – PLASTIC, LO TEMP–SOLID
3 – PLASTIC, LO TEMP–BAL BY–PASS
4 – PLASTIC, LO TEMP–BAL SOLID
5 – PLASTIC, LO TEMP–EXT. ADJ. BYPASS
6 – PLASTIC, LO TEMP–EXT. ADJ. SOLID
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

(3) 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:
(1) BRASS PUMPS ARE NSF LISTED FOR POTABLE WATER ONLY. STAINLESS STEEL PUMPS ARE NSF LISTED FOR POTABLE AND CARBONATED WATER.
(2) BOLT ON MODEL WITH .25" DOUBLE FLAT DRIVE FOR USE IN JAPAN ONLY. NSF LISTING NOT AVAILABLE.
(3) COUNTERCLOCKWISE ROTATION CAN NOT BE OBTAINED IN A PUMP WITH INTEGRAL STRAINER.
(4) FOR THE BEVERAGE INDUSTRY, THE DEFAULT RELIEF VALVE PRESSURE SETTING IS 250 PSI.
(5) THE RELIEF VALVE PRESSURE SETTING IS NOT PART OF THE MODEL NUMBER. THIS NUMBER IS FOR CUSTOMER REFERENCE.
(6) THIS PRESSURE RANGE NOT AVAILABLE IN VALVE CONFIGURATIONS C, D, K, OR L.
(7) PASSIVATION IS DEFINED AS PASSIVATED HOUSING ONLY. NO OTHER PUMP COMPONENTS ARE PASSIVATED.
(8) THE EP ELASTOMER IS NO LONGER AVAILABLE FOR SERIES 6 PUMPS.

REV. AA MEA 2-21-07 | REV. BB MEA 7-13-07

DWG NO. 2033

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