MOTOR, 48Y FRAME



RPM Motor



NIDEC Motor



ATB Motor

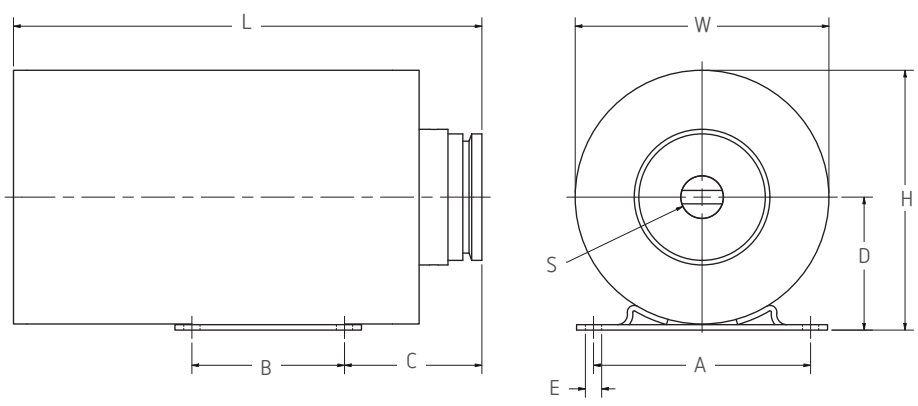
PERFORMANCE REFERENCE

PUMP SERIES	FLOW RATE	230V < IP 55	115V < IP 55	115/230V < IP 55	230V IP 55	115V IP 55	Power requirment @ 250psi (17.5Bar)
1,2 & 3	15 GPH (45 LPH)	717	906	928	611	649	0.16Hp (120W)
1,2 & 3	25 GPH (75 LPH)						0.21Hp (160W)
1,2 & 3	35 GPH (100 LPH)						0.29Hp (170W)
1,2 & 3	50 GPH (150 LPH)						0.33Hp (200W)
1,2 & 3	60 GPH (180 LPH)						0.35Hp (210W)
1,2 & 3	70 GPH (210 LPH)						0.37Hp (220W)
1,2 & 3	80 GPH (160 LPH)						0.39Hp (230W)
1,2 & 3	100 GPH (300 LPH)						0.42Hp (250W)
1,2 & 3	125 GPH (375 LPH)	712	NO OPTION	972	637	710	0.57Hp (340W)
1,2,3,4 & 5	140 GPH (425 LPH)						0.63Hp (380W)
4 & 5	115GPH (350 LPH)						0.55Hp (330W)
4 & 5	165 GPH (500 LPH)						0.70Hp (420W)
4 & 5	190 GPH (575 LPH)						0.75Hp (450W)
4 & 5	215 GPH (650 LPH)						0.80Hp (480W)
4 & 5	240 GPH (725 LPH)						0.86Hp (510W)
4 & 5	265 GPH (800 LPH)	749		NO OPTION	NO OPTION	NO OPTION	1.01Hp (600W)
4 & 5	330 GPH (1000 LPH)	NO OPTION					1.22Hp (730W)

Note: Values for power consumption- Break Horsepower @ 110V, 60Hz and Watts @ 230V, 50Hz

MOTOR SPECIFICATION

PROCON PART NO.		717	928	906	611	649	712	972	710	749	639
VENDOR		RPM	NIDEC	NIDEC	ATB	ATB	RPM	NIDEC	RPM	RPM	ATB
VENDOR PART NO.		C011522	S055N-SR7299022J	S055N-SN7297032J	350849	384565	11082700	S055P-NA7672012J	11068101	11023817	377660
VOLTAGE (V)		230	115/230	115	230	115/230	230	115/230	115	230	230
PHASES		1	1	1	1	1	1	1	1	1	1
FREQUENCY [HZ]		50/60	50/60	60	50/60	50/60	50	60	60	50	50
POWER [W]		245	245	245	250	250	560	560	560	640	750
HORSE POWER (HP)		1/3	1/3	1/3	1/3	1/3	3/4	3/4	3/4	4/5	1
SPEED [RPM]		1320	1425/1725	1425/1725	1380/1680	1380/1680	1360	1725	1660	1250	1360
CAPACITOR [µF]		6	N/A	N/A	10	20	14	N/A	35	16	25
POLES		4	4	4	4	4	4	4	4	4	4
AMP [A]		2.35	2.5/2.7	5.6	1.1	2.2/1.1	4.2	10.4/5.2	8.5	4.6	3.3
PROTECTION CLASS		IP54	IP12	IP12	IP55	IP55	IP55	IP12	IP30	IP55	IP55
ENCLOSURE			ODP	ODP				ODP			
INSULATION CLASS		F	B	B	F	F	F	B	F	F	F
AGENCY			UL Recognized					UL Recognized			
WEIGHT (APPX.)		11.3 lbs. (5.2 Kg)	15 lbs. (6.8 Kg)	14 lbs. (6.4 Kg)	11.7 lbs. (5.3 Kg)	13.9 lbs. (6.3 Kg)	20.3 lbs. (9.2 Kg)	25 lbs. (11.4 Kg)	18.3 lbs. (8.3 Kg)	21.6 lbs. (9.8 Kg)	25.6 lbs. (11.6 Kg)
DIMENSIONS (APPX.) INCHES [MM]	H	6.6 [168]	5.8 [147]	5.8 [147]	6.3 [160]	6.3 [160]	8.1 [204]	5.8 [147]	6.3 [160]	8.1 [204]	6.3 [160]
	W	4.9 [124]	5.6 [142]	5.6 [142]	6.1 [155]	6.1 [155]	6.8 [172]	5.6 [142]	6.8 [172]	6.8 [172]	8.2 [208]
	L	8.0 [203]	8.8 [224]	7.7 [196]	8.3 [211]	8.3 [211]	9.5 [241]	9.7 [246]	8.7 [221]	9.5 [241]	10.9 [278]
	A	3.43 [87]	4.26 [108]	4.26 [108]	3.9 [100]	3.9 [100]	5.5 [140]	4.26 [108]	4.47 [113.5]	5.5 [140]	4.9 [125]
	B	3.74 [95]	2.76 [70]	2.76 [70]	3.15 [80]	3.15 [80]	1.96 [50]	2.76 [70]	3.0 [76.5]	1.96 [50]	3.9 [100]
	C	0.69 [17.5]	2.75 [69.9]	2.75 [69.9]	2.66 [67.5]	2.66 [67.5]	1.46 [37]	2.75 [69.9]	1.67 [42.5]	1.46 [37]	2.2 [55]
	D	ø 2.73 [69.5]	ø 3.0 [76]	ø 3.0 [76]	ø 2.48 [63]	ø 2.48 [63]	ø 3.28 [83.3]	ø 3.0 [76]	ø 3.29 [83.5]	ø 3.28 [83.3]	ø 3.14 [80]
	E	0.31 [8]	0.34 [8.6]	0.34 [8.6]	0.28 [7]	0.28 [7]	0.25 [6.4]	0.34 [8.6]	0.35 [8.8]	0.25 [6.4]	0.35 [9]
	S	ø 0.5 [12.7]	ø 0.62 [15.7]	ø0.62 [15.7]	ø 0.58 [14.9]	ø 0.58 [14.9]	ø 0.59 [15]	ø 0.62 [15.7]	ø 0.59 [15]	ø 0.59 [15]	ø 0.75 [19]



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