



# PA1 - PA2 - PA3



DIESEL

PA1 70



PA2 80-100



PA3 150

FEATURES	PA1 70	PA2 80	PA2 100	PA3 150
Voltage AC [V, Hz]	230, 50/60	230, 50	230, 50/60	230, 50
Current max [A]	2,9/3,5	4,1	4,5/5	14,5
Power [W]	550/650	750	805/900	3300
Motor protection	IP55	IP55	IP55	IP55
On/Off Switch	Yes	Yes	Yes	Yes
Cable [m]	2	2	2	2
Duty cycle [min]	S1 Continuous	S1 continuous	S1 continuous	S2 30
Nominal Flow Rate [l/min / GPM]	70 / 15,85	80 / 21,13	100 / 26,42	150/ 39,63
Max Pressure [bar / psi]	2	2.5	2.5	2.5
Dry Suction height [m]	2	2	2	2
Internal By-Pass	Yes	Yes	Yes	Yes
Inlet [BSP/G]	1"	1"	1"	1"
Outlet [BSP/G]	1"	1"	1"	1"
Pump body material	Cast Iron	Cast Iron	Cast Iron	Cast Iron
Impeller material	Sintered Steel	Sintered Steel	Sintered Steel	Sintered Steel
Vanes material	POM	POM	POM	POM
Ring material	HNBR	HNBR	HNBR	HNBR
Gasket material	NBR	NBR	NBR	NBR
Internal filter	Yes	Yes	Yes	Yes
Motor support	Yes	Yes	Yes	Yes
Min/Max Temperature [°C]	-20/+50	-20/+50	-20/+50	-20/+50
Max fluid viscosity [cSt] (a 40 °C):	2 ÷ 5	2 ÷ 5	2 ÷ 5	2 ÷ 5
Allowed fluids	diesel	diesel	diesel	diesel
Forbidden fluids	gas, alcohol, water, gasoline, kerosene			
Loudness at less 1 meter [dB]	< 70	85	85	< 90
Net weight [kg]	8	13	13	16
Gross weight [kg]	8,5	13,5	13,5	16,5