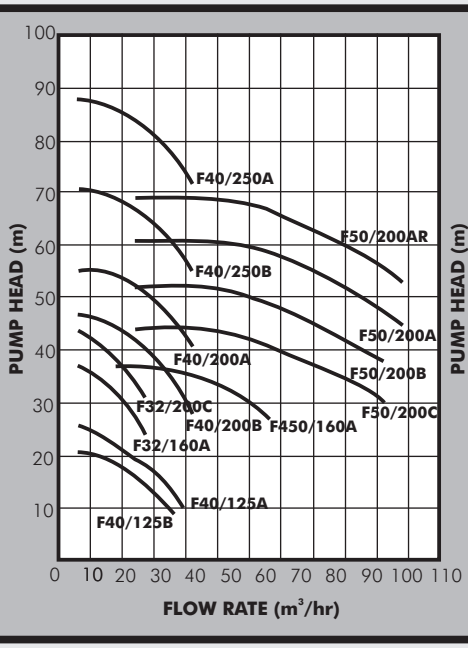
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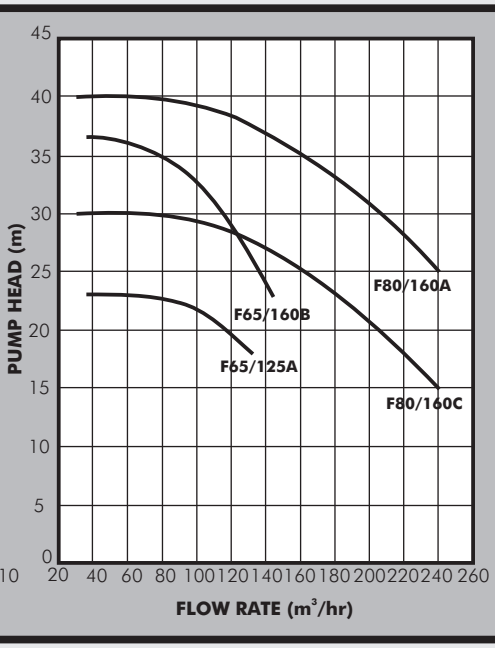
PEDROLLO

F Series

Horizontal High Flow Centrifugal Pumps







The PEDROLLO F Series range are high flow centrifugal pumps with close coupled motors and flanged inlet and outlet connections. The hydraulic ends are designed to the dimensions specified in the DIN 24255 standards thus providing interchangeability with other similar types of pumps whilst offering the cost, reliability and compactness advantages inherent in a close coupled design. They are particularly suitable for higher volume industrial applications and are of heavy duty construction to provide long life with continuous operation. The pumps are of back pull out design allowing dismantling without disconnection of the pump casing from the pipework.

Pump construction is cast iron body and back plate, brass Impeller for F32, F40 and F50/160A, Cast Iron Impeller for F40/250, F50/200, F65 and F80. The mechanical seal is in graphite Ceramic NBR

MOTOR

The close coupled fan cooled TEFC IE3 induction motors are non overloading and designed for continuous duty. A remote starter with thermal overload is necessary for motor protection .

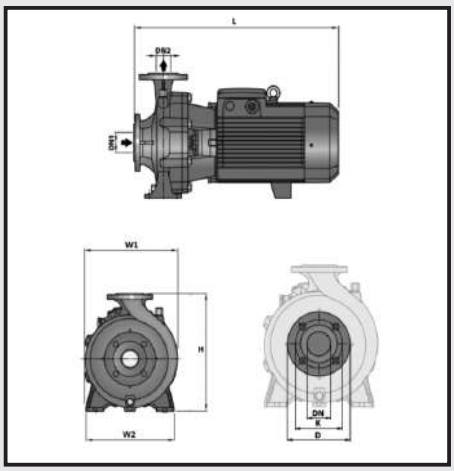
Enclosure Class: IP55 ***Insulation Class:*** F ***Voltage:*** 3x380-415V ***Speed:*** 2900rpm

OPERATION CONDITIONS

Pumped liquid: Thin, clean, chemically non-aggressive liquids without solids or fibres.
Max. Fluid Temperature: +90°C
Max. Ambient Temperature: +40°C
Max. Suction Lift: 7m (at sea level)

PUMP DATA

Model	Power (kW)	Current (A)	Dimensions (mm)						Weight (kg)
			DN1	DN2	L	H	W1	W2	
F40/125B	1.5	4.5	65	40	421	252	244	210	32.4
F40/125A	2.2	5.2			441				32.6
F32/160A	3	7.3	50	32	448	292	240	245	38.7
F32/200C	4	10.3			469	340	273		46.3
F40/200B	5.5	12.6	65	40	535		277	265	53
F40/200A	7.5	15.6							59
F40/250B	11	23.5			606	405	329	320	104
F40/250A	15	30.5			701				120
F50/160A	7.5	15.5	65	50	535	340	273	265	57.6
F50/200C	11	23			616	360	316.5		100
F50/200B	15	29.5			711				115
F50/200A	18.5	34.5							127.5
F50/200AR	22	41.5			743				141
F65/125A	7.5	16.5	80	65	557	340	292	280	63
F65/160B	11	23			620	360	295		100.2
F80/160C	15	29	100	80	705	405	330	320	121
F80/160A	22	39			805				145



D&S DAVIS & SHIRTLIFF