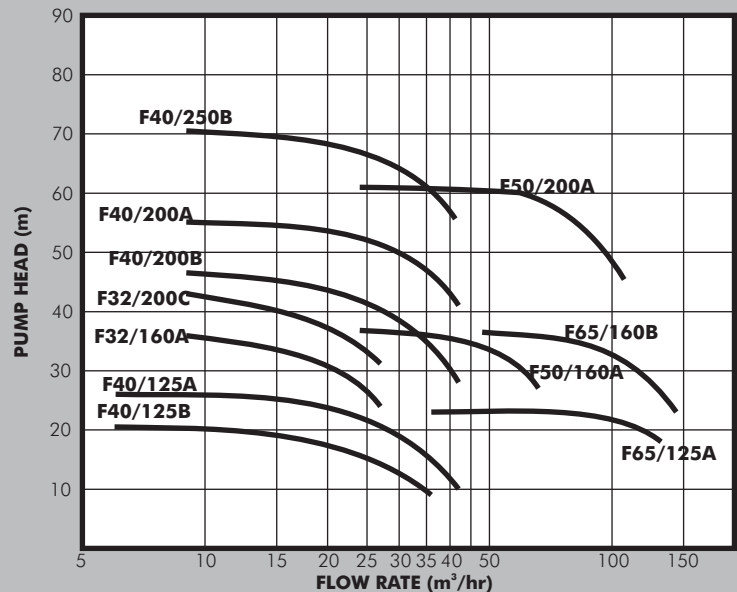




# PEDROLLO



## 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 alloy impeller and ceramic/graphite mechanical seal

### MOTOR

The close coupled fan cooled TEFC induction motors are non overloading and designed for continuous duty. Single phase pumps may be connected directly to mains power through 10Amps MCB while a remote starter with thermal overload is necessary for three phase pumps

**Enclosure Class:** IP44

**Insulation Class:** F

**Speed:** 2900rpm

### OPERATING 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	Motor (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				46.3
F40/200B	5.5	12.6	65	40	535	340	277	265	53
F40/200A	7.5	15.6							59
F40/250B	11	23.5	65	50	606	405	329	320	104
F50/160A	7.5	15.5			535				57.6
F50/200A	18.5	34.5	80	65	711	360	316.5	265	127.2
F65/125A	7.5	16.5			557				63
F65/160B	11	23			620				100.2

Flanges DN	D (mm)	K (mm)	Holes	
			No.	mm
32	140	100	4	18
40	150	110		
50	165	125		
65	185	145		
80	200	160	8	18
100	220	180		
125	250	210		

