

Pump application:

These small centrifugal pumps, despite their size, are capable of delivering high volumes at medium heads. These heavy duty pumps are very useful for domestic and small irrigation use including watering gardens and washing down equipment. Also suitable for industrial use and for use around the farm, including stock water supply, tank filling, fire fighting and sump pumping. Pumps come in bare shaft, single and three phase configurations or with a Honda petrol or Hatz diesel engine. All pumps are supplied with a brass foot valve

Performance data:

Performance curves are based on a kinematic viscosity value of $1\text{mm}^2/\text{s}$ and a density of $1000\text{Kg}/\text{m}^3$ at 20°C .

- Flow rates up to $29\text{m}^3/\text{h}$ (at 3600rpm)
- Heads up to 32.8m.
- Fluids must be clean and free from suspended abrasive particles.
- Maximum fluid temperature: $+40^\circ\text{C}$.
- Maximum ambient temperature: $+40^\circ\text{C}$.
- Rotational speed: 2900rpm for electric drive pumps
- Rotational speed: Variable for bare shaft pumps 1200 to 3600rpm
- Rotational speed: Variable for engine pumps 2500 to 3600rpm

Motor:

The driving motor is a high quality totally enclosed fan cooled squirrel cage induction type motor.

- With in-built thermo-amperometric protection and capacitor.
- Class of insulation: F - service: S1.
- Degree of protection: IP56
- Meets the MEPS (Minimum Efficiency Performance) Standard AS1359.5-2000
- Motor is fully replaceable with standard off the shelf motors.

Engine:

The driving unit is available as a high quality genuine Honda petrol or Hatz diesel engine.

- With 3hp Honda petrol engine.
- With 4hp Hatz diesel engine.
- Available with or without a roll cage frame.
- Also available with a diesel fuel kit.

Installation:

The pump can be installed in any position for both fixed and portable plants.



Electric model



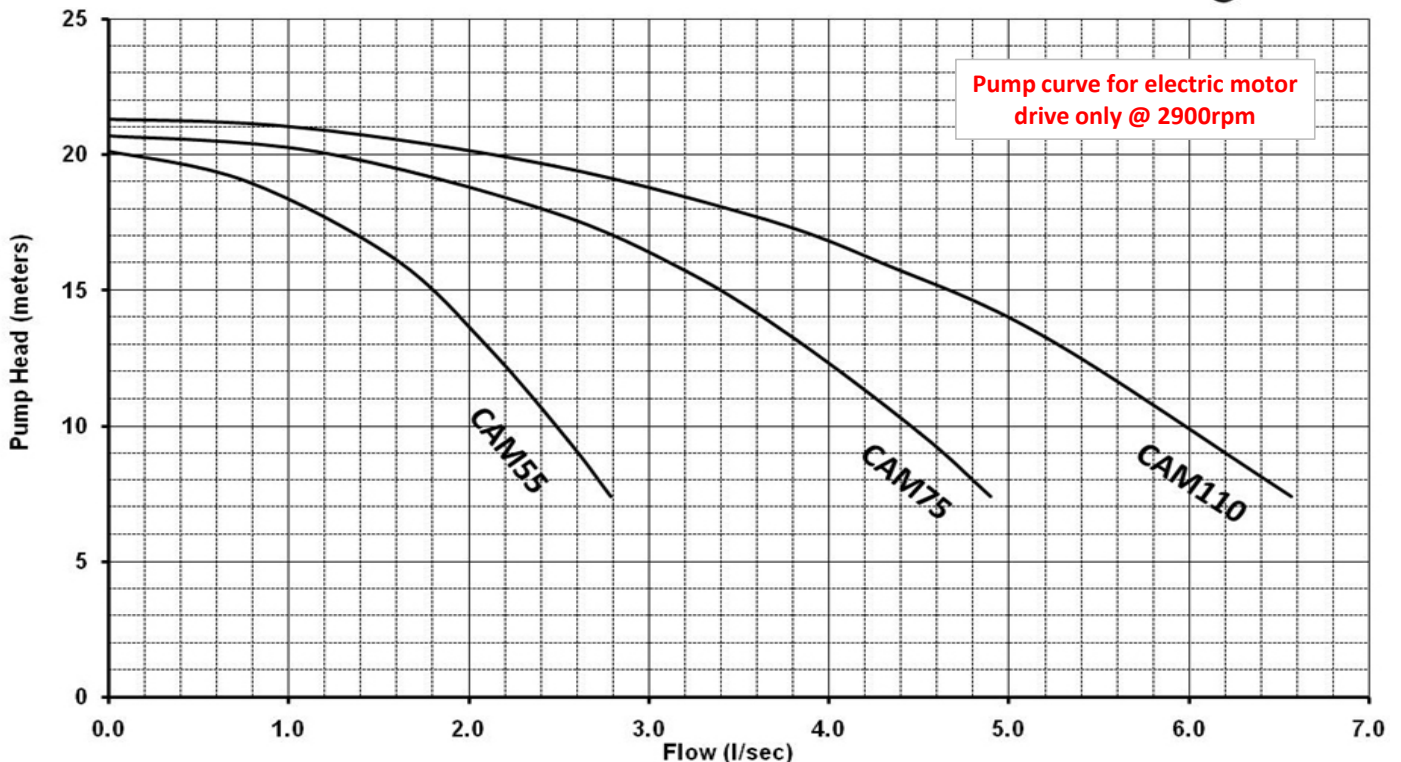
Bare shaft model



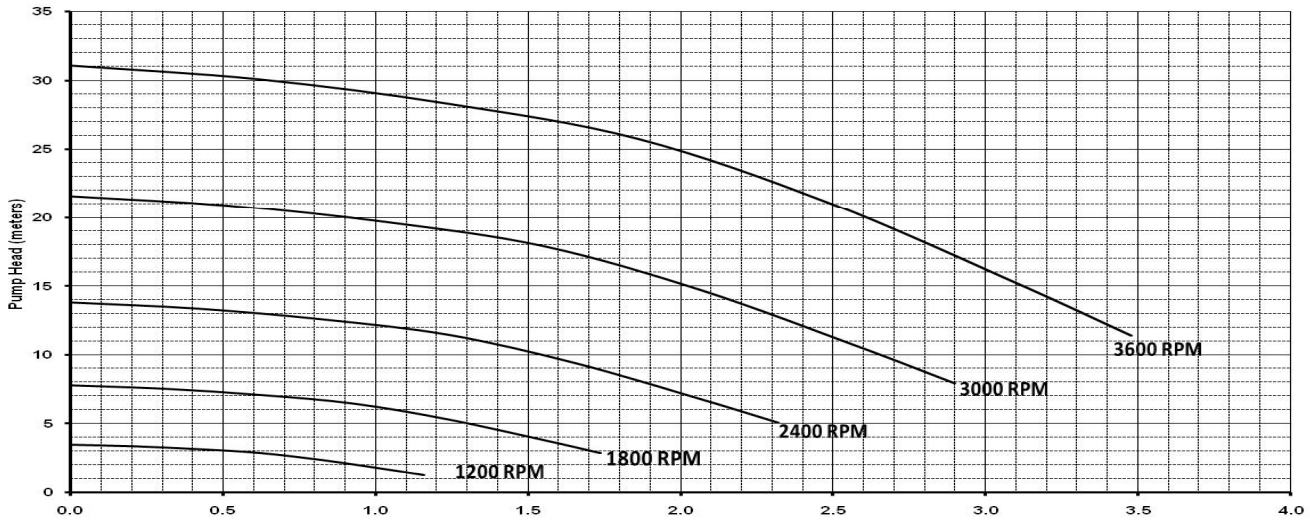
Engine model



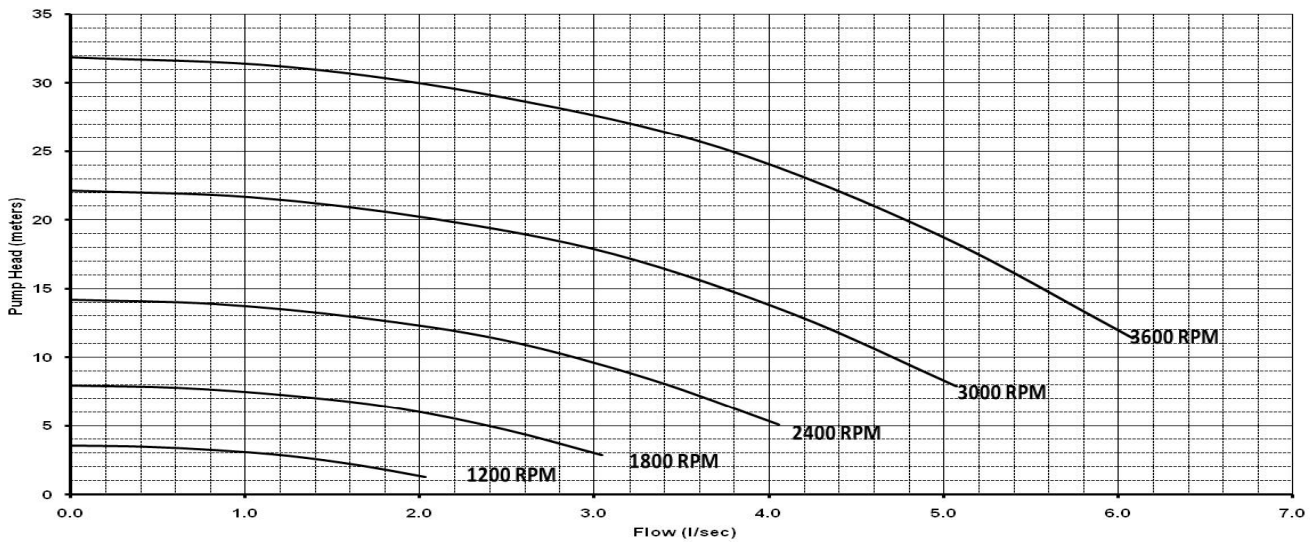
With Frame



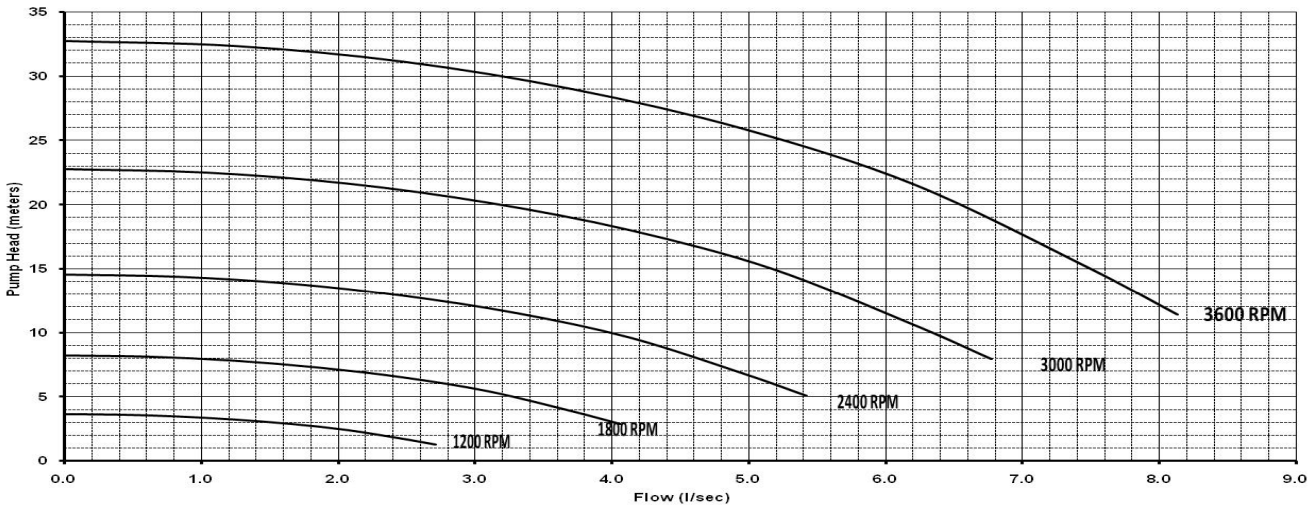
CAP55

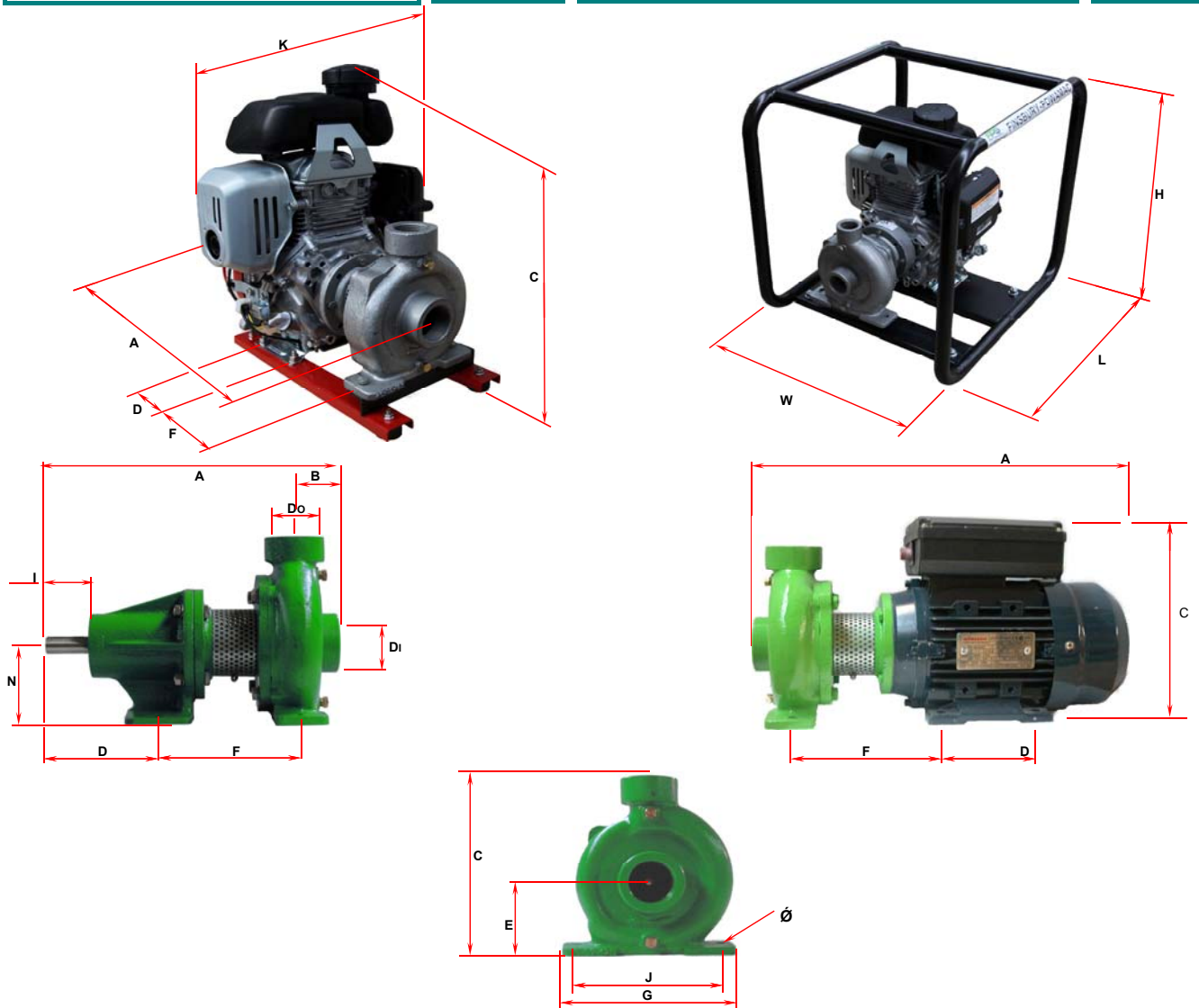


CAP75



CAP110





PUMP MODEL	POWER			A	B	C	D	E	F	G	J	I	Ø	N	D _i	D _o	PACKAGING			WEIGHT
	Kw	HP															L	W	H	
CAP55	Bare shaft 19mm			288	42	198	110	80	135	176	150	43	9.5	82	25	20	405	195	270	11.2
CAP75	Bare shaft 19mm			288	42	198	110	80	135	176	150	43	9.5	82	32	25	405	195	270	11.2
CAP110	Bare shaft 19mm			288	42	198	110	80	135	176	150	43	9.5	82	40	32	405	195	270	11.2
CAM55-S	0.55	0.75	Electric	370	42	198	100	80	135	176	150		9.5		25	20	405	195	270	13.0
CAM75-S	0.75	1	Electric	390	42	198	100	80	135	176	150		9.5		32	25	405	195	270	15.8
CAM110-S	1.1	1.5	Electric	395	42	198	100	80	135	176	150		9.5		40	32	405	195	270	17.6
CAM55-3	0.55	0.75	Electric	360	42	198	90	80	135	176	150		9.5		25	20	405	195	270	14.5
CAM75-3	0.75	1	Electric	378	42	198	100	80	135	176	150		9.5		32	25	405	195	270	17.0
CAM110-3	1.1	1.5	Electric	388	42	198	100	80	135	176	150		9.5		40	32	405	195	270	19.4
CAM55VP-H	2.2	3.0	Petrol	400	42	445	80		160	176	150		9.5		25	20	485	420	490	19.4
CAM55VP-H F	2.2	3.0	Petrol	475	42	480	80		160	176	150		9.5		25	20	485	420	490	27.4
CAM75VP-H	2.2	3.0	Petrol	400	42	445	80		160	176	150		9.5		32	25	485	420	490	19.4
CAM75VP-H F	2.2	3.0	Petrol	475	42	480	80		160	176	150		9.5		32	25	485	420	490	27.4
CAM110VP-H	2.2	3.0	Petrol	400	42	445	80		160	176	150		9.5		40	32	485	420	490	19.4
CAM110VP-H F	2.2	3.0	Petrol	475	42	480	80		160	176	150		9.5		40	32	485	420	490	27.4
CAM55VD-HA	3	4.0	Diesel	400	42	445	120.5		177	176	150		9.5		25	20	485	420	490	36.8
CAM55VD-HA F	3	4.0	Diesel	475	42	480	120.5		177	176	150		9.5		25	20	485	420	490	44.8
CAM75VD-HA	3	4.0	Diesel	400	42	445	120.5		177	176	150		9.5		32	25	485	420	490	36.8
CAM75VD-HA F	3	4.0	Diesel	475	42	480	120.5		177	176	150		9.5		32	25	485	420	490	44.8
CAM110VD-HA	3	4.0	Diesel	400	42	445	120.5		177	176	150		9.5		40	32	485	420	490	36.8
CAM110VD-HA F	3	4.0	Diesel	475	42	480	120.5		177	176	150		9.5		40	32	485	420	490	44.8

