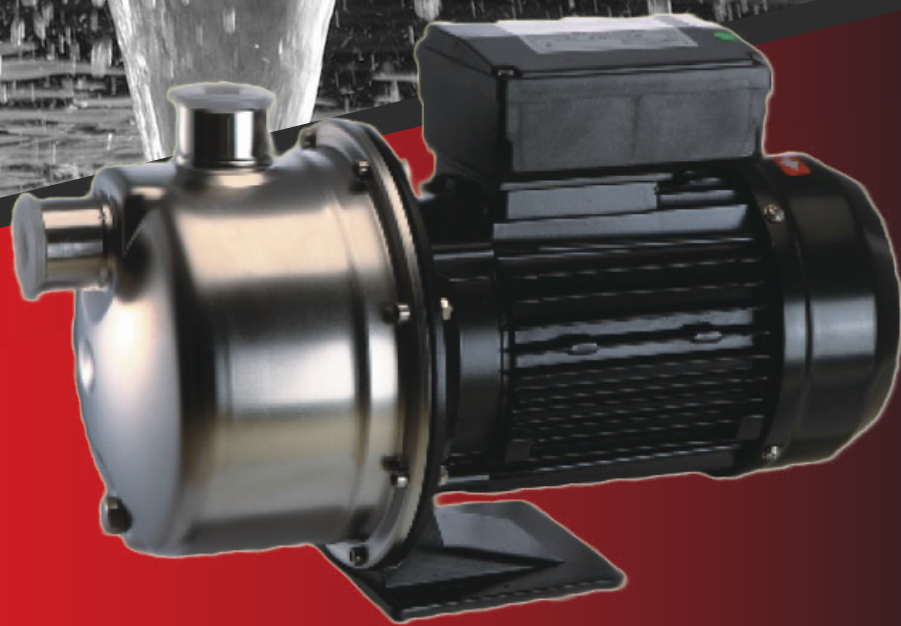




WJS Series



Stainless Steel Self-Priming Pumps

Catalogue

www.met.com.my



SHINDO HAS CONSTANTLY DEVELOP THE CREDIBILITY TO SERVE THE INDUSTRY EFFICIENTLY.

SHINDO IS COMMITTED TO PROVIDE HIGH VALUE-ADDED PRODUCTS IN MINIMUM LEAD-TIME AND AT COST EFFECTIVE PRICING, TO HELP CUSTOMERS ACHIEVE ZERO DOWNTIME, PRODUCTION TARGET AND HELP ENHANCE A SAFER ENVIRONMENT.



STAINLESS STEEL SELF-PRIMING PUMPS

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Application

Shindo Stainless Steel Self-Priming Pumps, WJS Series are suitable for following applications:

- ✕ Pure/Drinking Water Bottling Process
- ✕ Domestic Water Supply
- ✕ Boosting System
- ✕ Sprinkler System
- ✕ Air-Condition and Cooling System
- ✕ Non-Flammable/Non-Explosive Clear Water
- ✕ Water Transferring

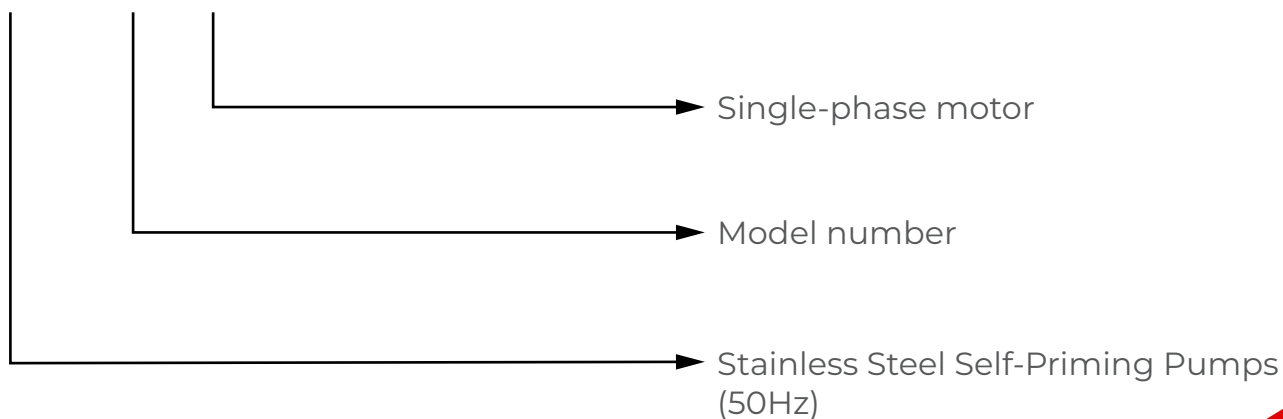
Performance range for WJS series:

- ✕ Max. Capacity (Q) = 64L/min
- ✕ Max. Head (H) = 46m
- ✕ Max. Operating Pressure = 6 bar
- ✕ Max. Suction Pressure = 0.9 bar (9 m)
- ✕ Max. Ambient Temperature = +50°C
- ✕ Max. Liquid Temperature = +60°C



Model Code

WJS 100 S



Construction Design

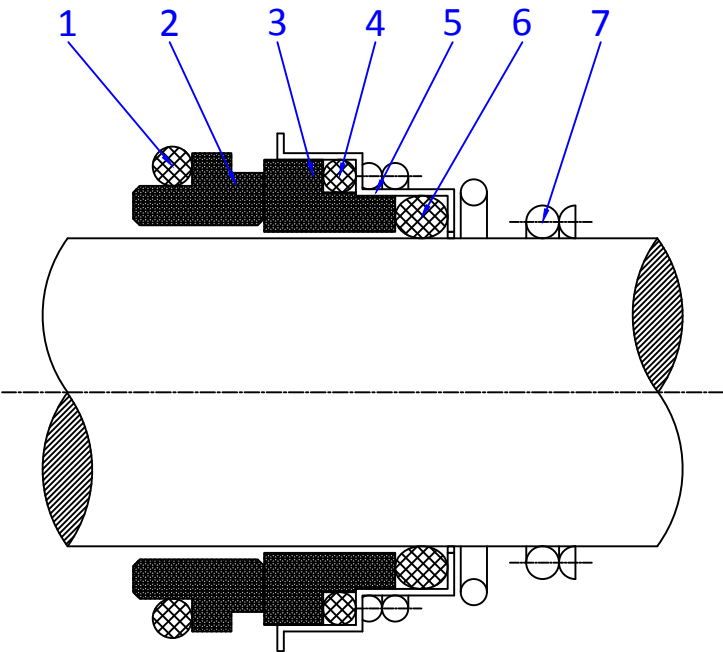
Hydraulic Parts

- α Pump casing and impeller are made up of stainless steel (SS304).
- α Shaft is made up stainless steel (SS420).
- α The standard material of mechanical seal is Carbon/Ceramic/EPDM.
- α WJS pump is a self-priming pump with horizontal suction and vertical discharge (Both are threaded).
- α WJS pump is suitable for continuous duty.

Electric Motor

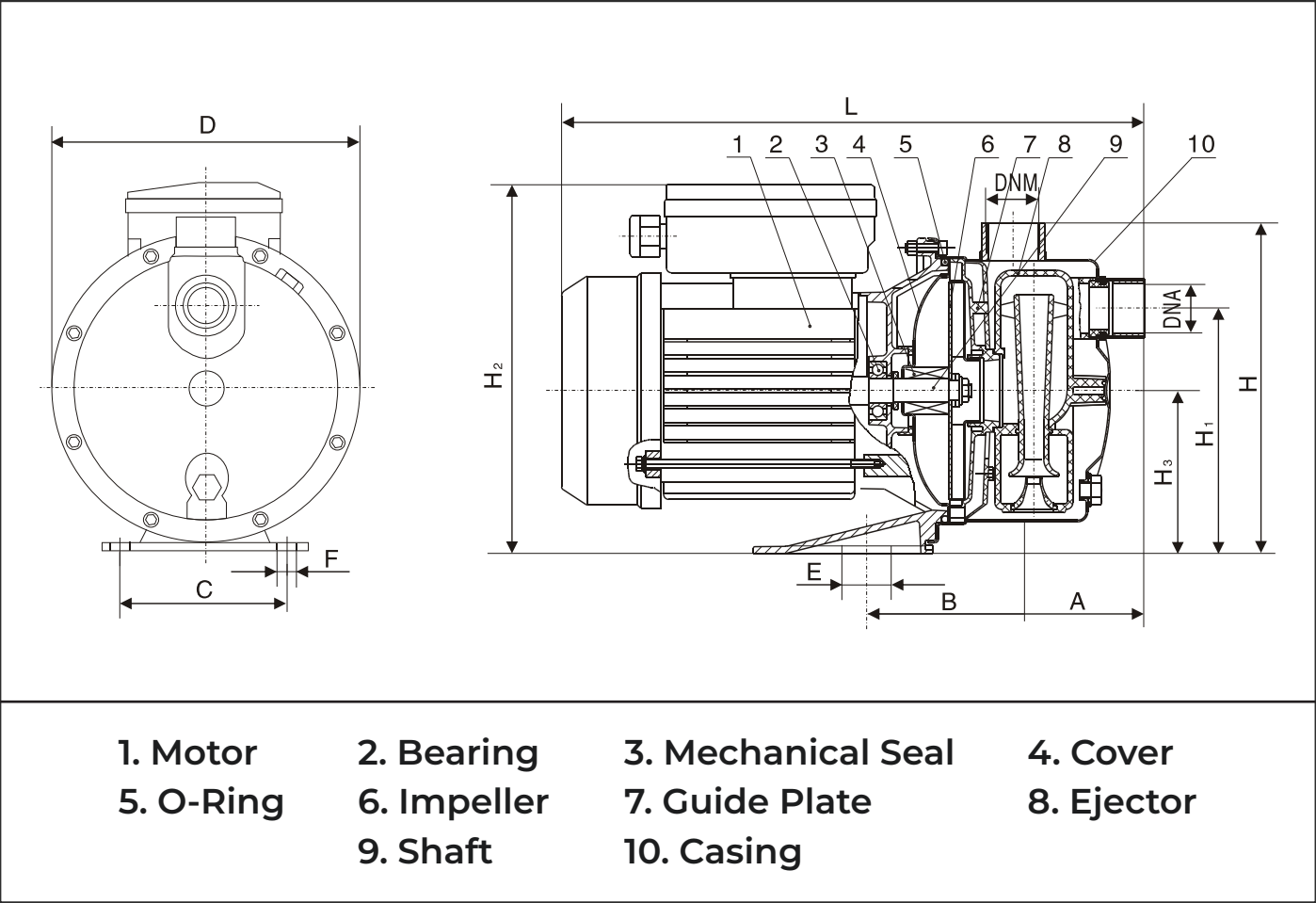
- α The pump is coupled with totally enclosed, fan-cooled squirrel-cage aluminum casing motor built-in thermal overload units.
- α Insulation Class: F
- α Enclosure Class: IP55
- α Speed: 2900RPM
- α Standard Voltage: 1 x 220-240V, 50Hz
3 x 220-240V/380-415V, 50Hz
- α Sound Level: <65dB(A)

Material of Mechanical Seal



No.	Name	Qty	Material
1	O-Ring	1	EPDM
2	Stationary Seats	1	Carbon
3	Seal Faces	1	Ceramic
4	O-Ring	1	EPDM
5	Seal Faces Base	1	Stainless Steel
6	O-Ring	1	EPDM
7	Spring	1	Stainless Steel

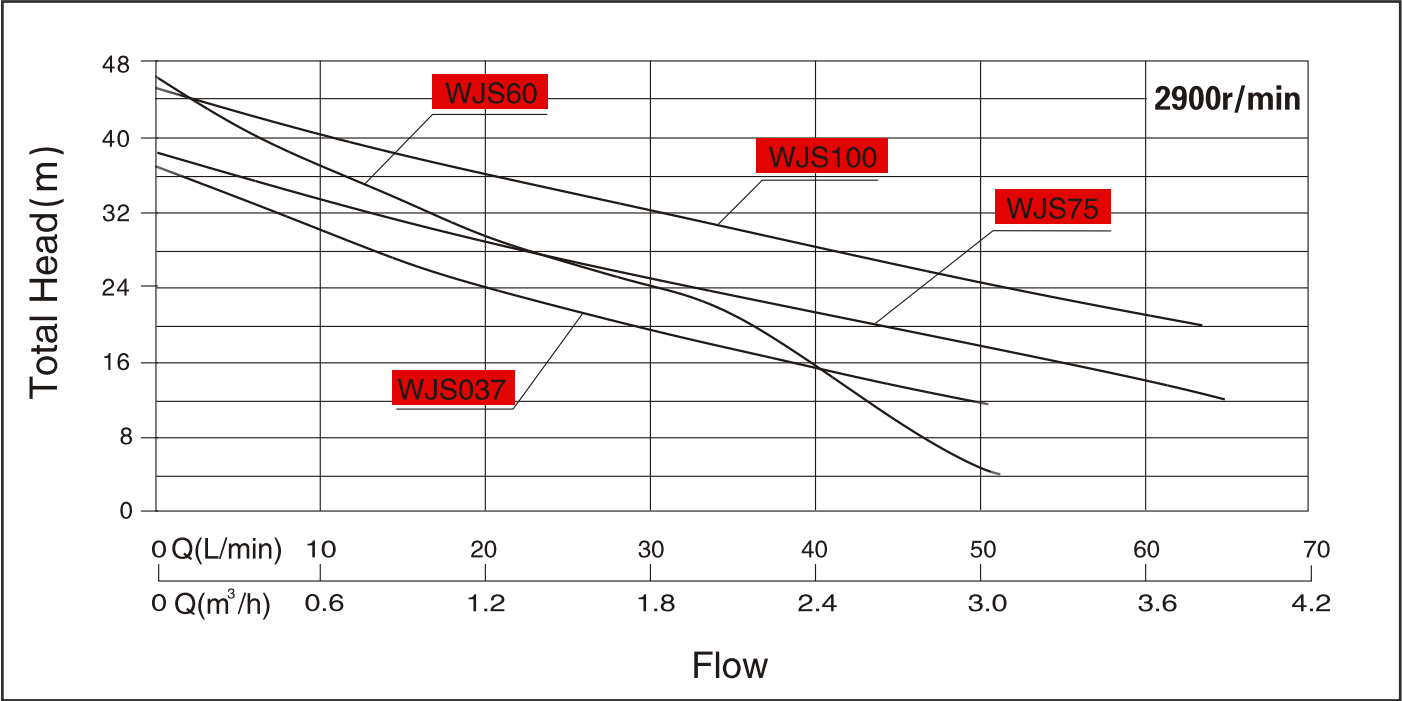
General Arrangement & Dimensional Drawing



Model	Power (W)	A	B	C	D	E	F	H	H1	H2	H3	L	DNA	DNM	kg
WJS37	370	88	109	100	170	7	7	178	128	195	88	365	1"	1"	6.0
WJS60	550	88	109	100	170	7	7	178	128	208	88	388	1"	1"	7.0
WJS75	550	80	80	98	184	20	10	203	157.5	202	98	354	1"	1"	8.0
WJS100	750	80	80	98	184	20	10	203	157.5	202	98	354	1"	1"	9.0

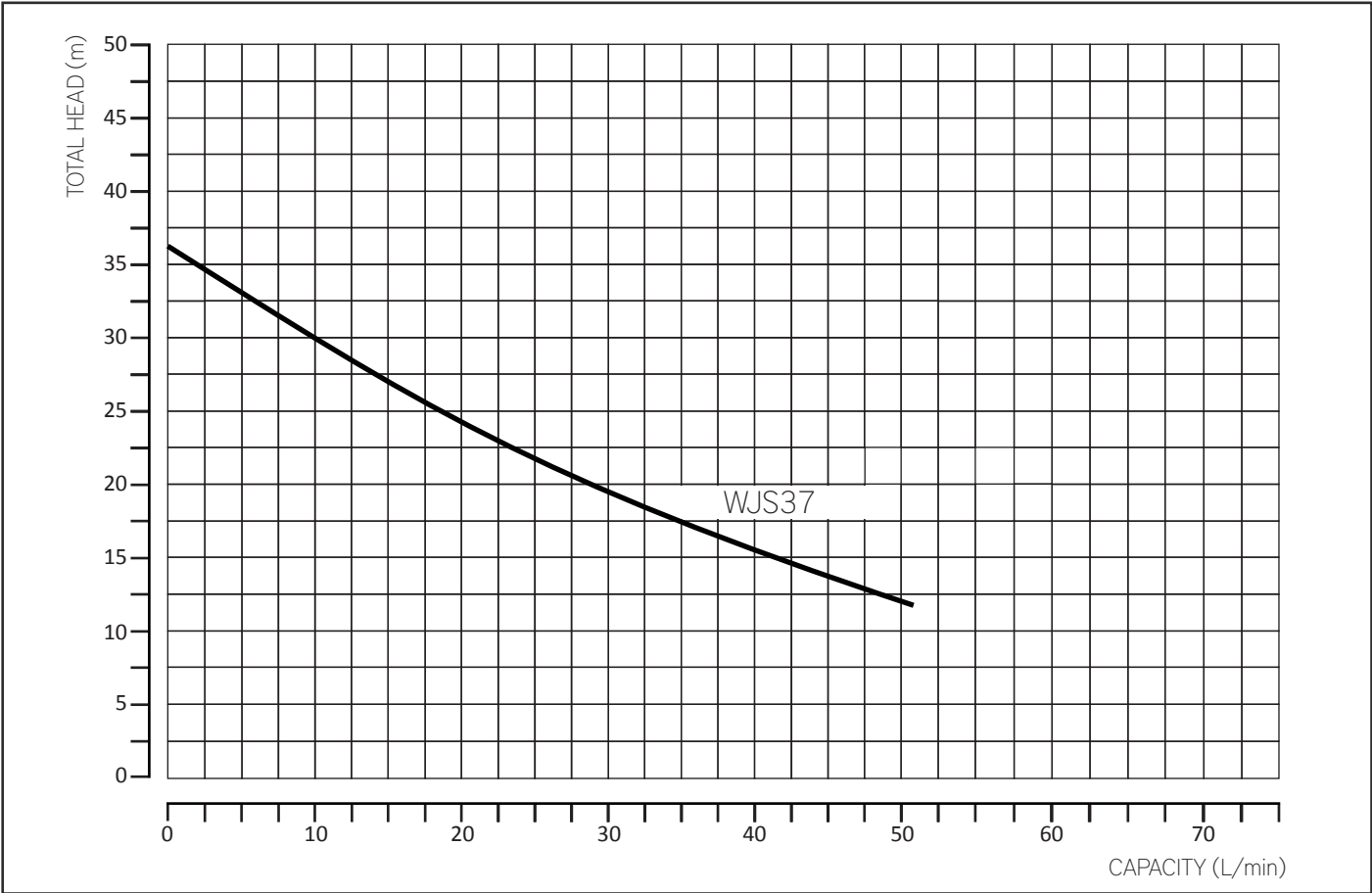
***All dimensions in mm unless specified

Selection Chart



Performance Curve

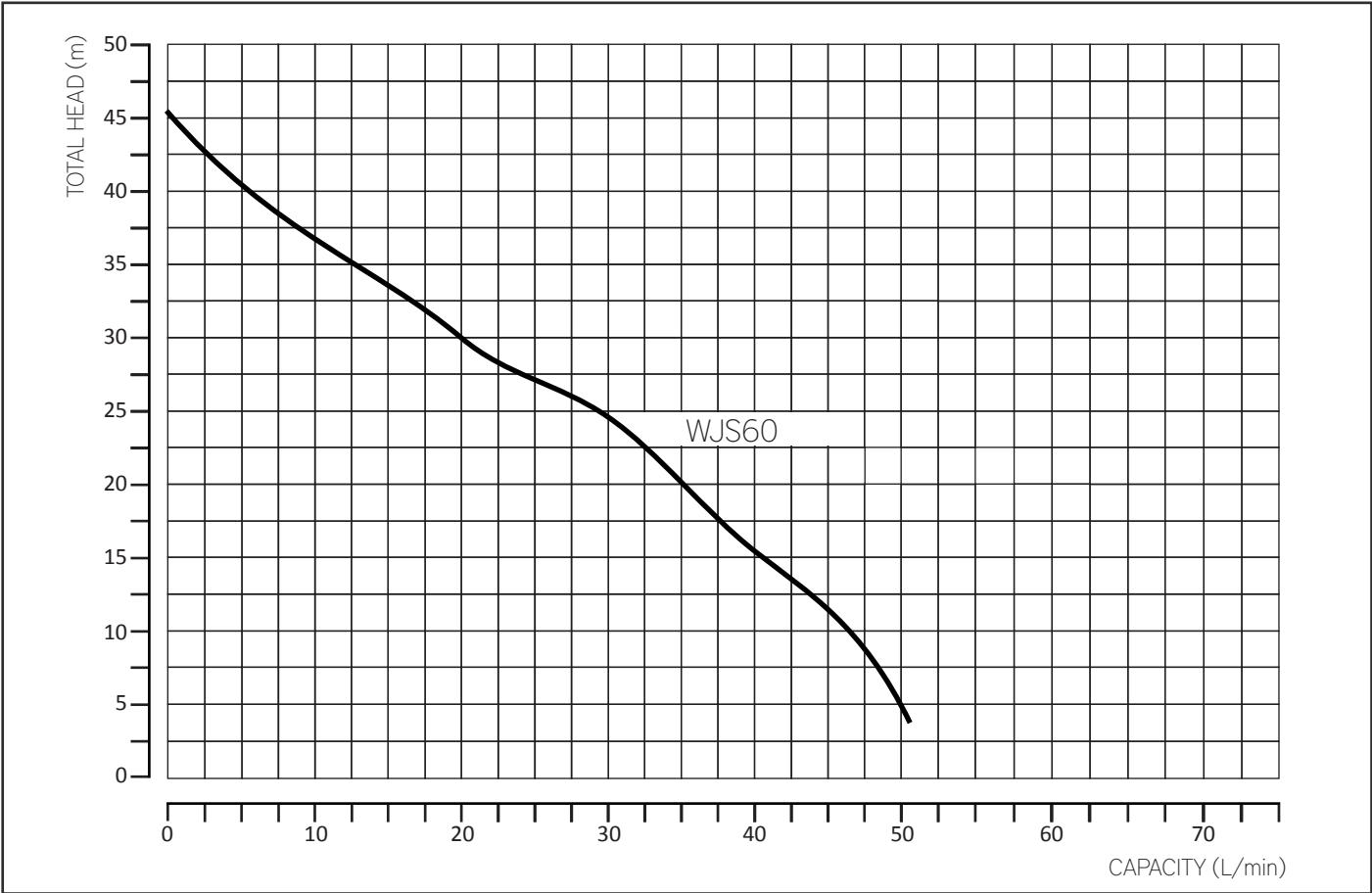
For WJS37



Model	Power (kW)		Capacity (L/min)							
			0	10	20	30	40	50	60	70
WJS37	0.37	Head (m)	37	30	24	19.5	15.5	12	-	-

Performance Curve

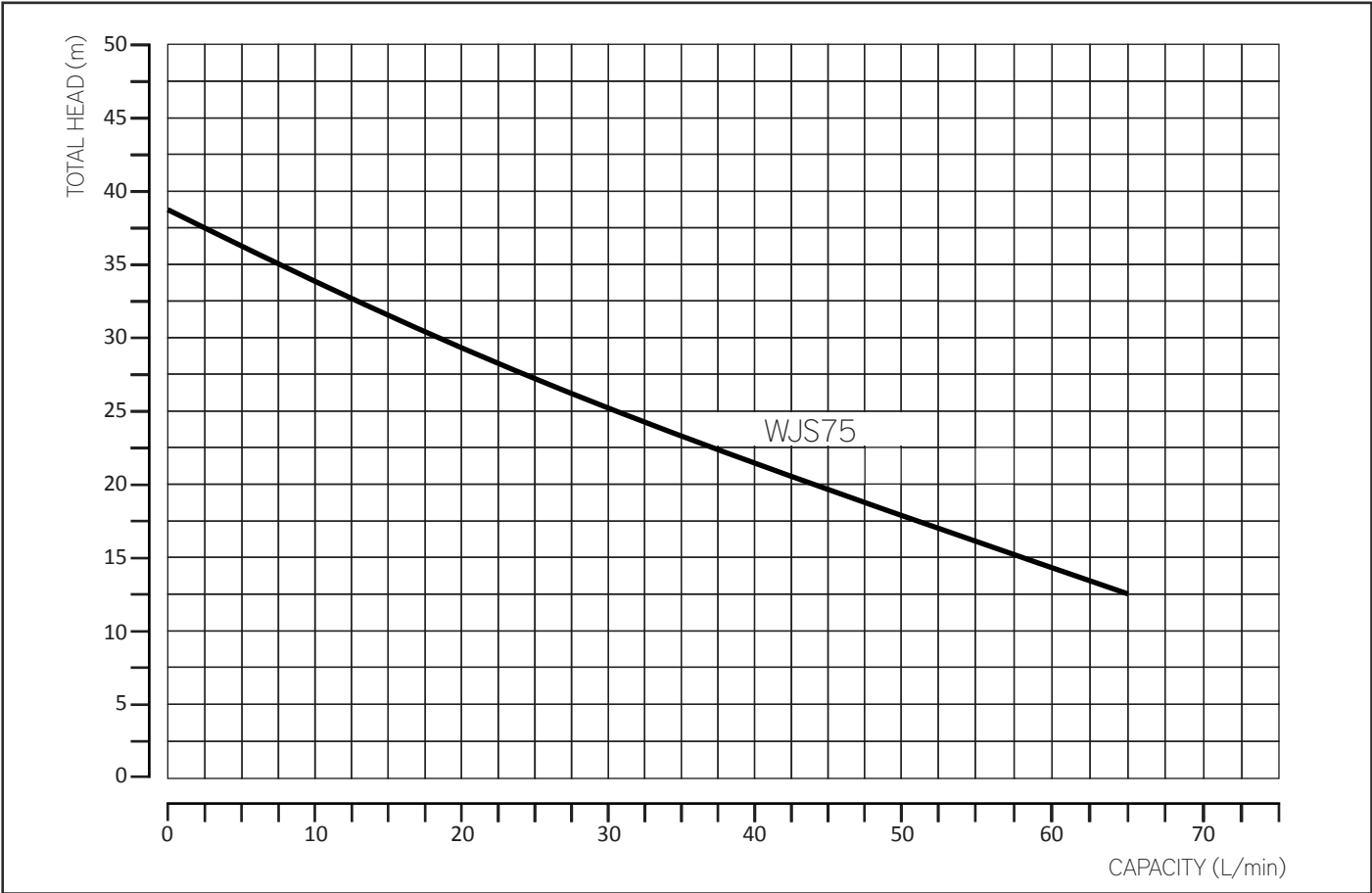
For WJS60



Model	Power (kW)		Capacity (L/min)							
			0	10	20	30	40	50	60	70
WJS60	0.55	Head (m)	46	37	30	24	15.5	5	-	-

Performance Curve

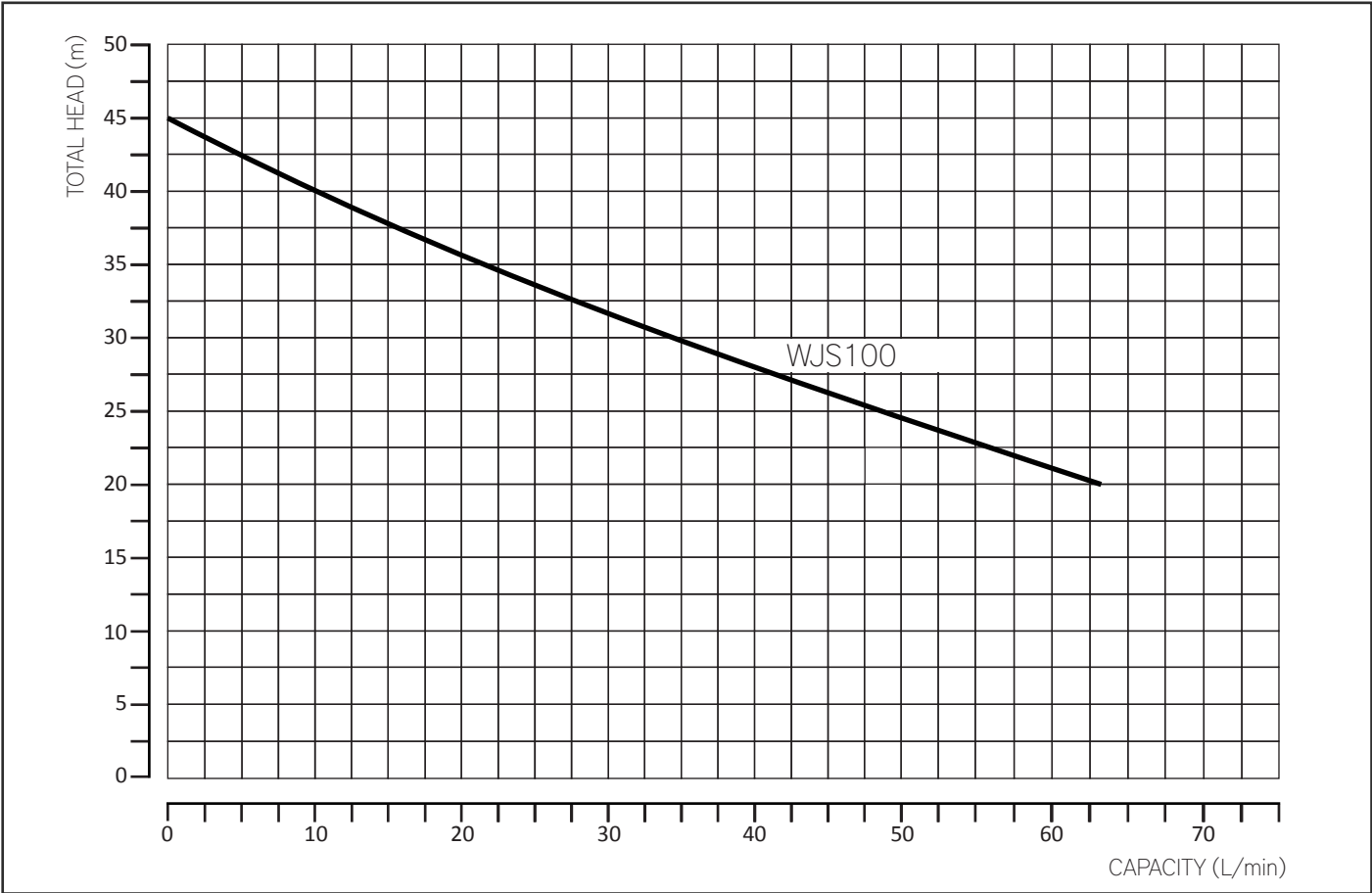
For WJS75



Model	Power (kW)		Capacity (L/min)							
			0	10	20	30	40	50	60	70
WJS75	0.55	Head (m)	38	34	29	25	21.5	18	14	-

Performance Curve

For WJS100



Model	Power (kW)		Capacity (L/min)							
			0	10	20	30	40	50	60	70
WJS100	0.75	Head (m)	45	40	36	32	28	24.5	21	-

