

PERFORMANCE RANGE

- ❖ flow rate up to 40l/min. (2.4 m³/h)
- ❖ head up to 140m

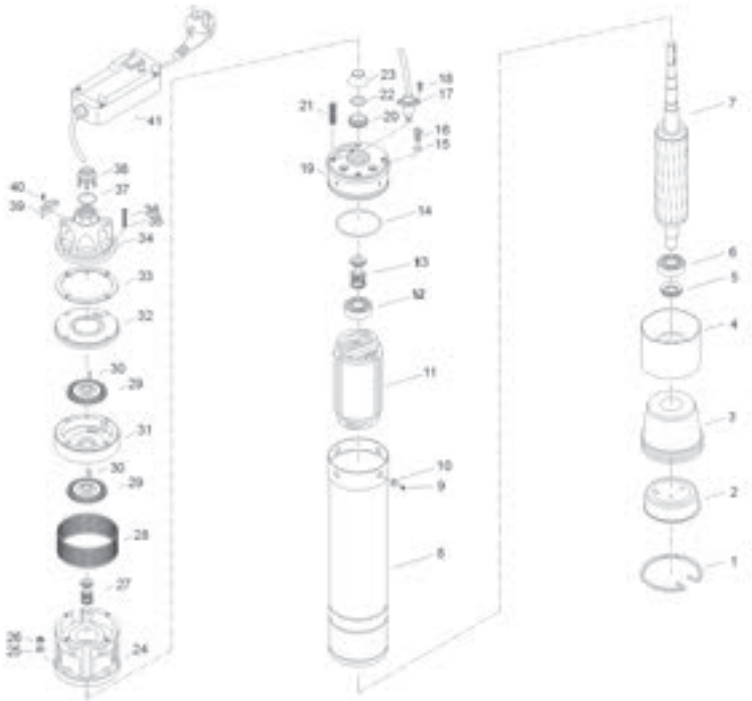
OPERATION LIMITS

- ❖ maximum operating depth 40m
- ❖ fluid temperature up to 40°C



MSK-1

DIAGRAM



N.	DESCRIPTION	N.	DESCRIPTION	N.	DESCRIPTION	N.	DESCRIPTION
1	Clamping spring	12	Ball bearing	23	Sand proof cap	34	Discharge chamber
2	End cover	13	Mechanical seal	24	Suction chamber	35	Spring gasket
3	Expand sleeve	14	"O"ring	25	Washer	36	Screw
4	Bearing seat	15	washer	26	Nut	37	"O"ring
5	Thrust bearing	16	Screw	27	Mechanical seal	38	Valve
6	ball bearing	17	Cable/cable shield sleeve	28	Strainer	39	Cable presser
7	Rotor of motor	18	Screw	29	Impeller	40	Screw
8	Motor shell	19	Motor cover	30	Key	41	Stating controller
9	Screw	20	Static ring	31	Pump body		
10	Locking ring	21	Double head bolt	32	Pump cover		
11	Stator of motor	22	Flat gasket	33	Gasket		

PUMPS INSTALLATION AND APPLICATIONS

These pumps are suitable to handling clean water which are not containing abrasive substances.

Their dependability and economical nature make them particularly suitable for domestic use, especially for the automatic distribution of water working in conjunction with small surge tanks and for irrigating gardens in general, ect. Can be installed in wells with a diameter of no less than 4".

PERFORMANCE

MSK pumps combine the advantages of submersible pumps with the useful performance of peripheral pumps:

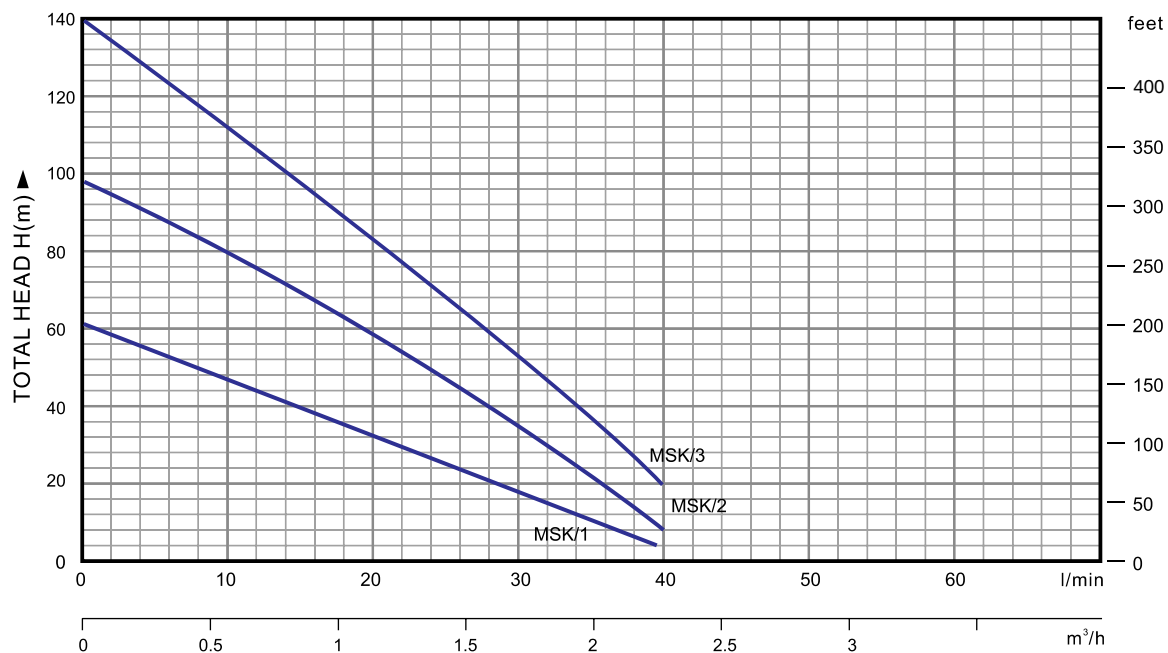
High head levels compared to the power required

Stable operating curves

STRUCTURE CHARACTERISTICS

- ❏ stainless steel pump body
- ❏ brass discharge head
- ❏ stainless steel mechanical seal (graphite to ceramic)
- ❏ brass impeller with radial peripheral blades
- ❏ stainless steel shaft
- ❏ protection IP68
- ❏ with thermal overload protector

PERFORMANCE CHART AT n=2900 rpm



FLOW RATE Q

PUMP MODEL		POWER		Q	0	0.5	1	1.5	2	2.4
Single phase	Three phase	KW	HP	m³/h	0	8.3	17	25	33.3	40
MSK/1	MSK/1	0.75	1	H m	61	50	38	23	10	4
MSK/2	MSK/2	1.1	1.5		99	82	62	44	24	8
MSK/3	MSK/3	1.5	2		140	115	90	66	42	20

H=TOTAL HEAD IN METERS.

Q=FLOW RATE