



**C.R.I. PUMPS**

Pumping trust. Worldwide.



## Regenerative Selfpriming Monoset Pumpsets

### SELFY Series

C.R.I. Selfy Regenerative Selfpriming Monoset Pumps are powered by a totally enclosed fan cooled (TEFC) and Screen Protected Drip Proof (SPDP) AC induction two pole and four pole motors suitable for continuous duty. Motor stator is made of low watt loss silicon steel lamination. Construction of motor frame and usage of quality materials result in high performance and low temperature raise, thereby increasing the life cycle of the motor.

**selfy**



### SALIENT FEATURES

- Good suction lift characteristics
- Accurate function of centrifugal governor & switch ensures the longer life of the motor
- Specially designed mesh is provided in pump to avoid foreign particles
- Special graded casting used in pump portion to prevent the wear & tear
- High tensile brass impeller is used to increase the life of pump

APPLICATIONS : • Domestic • Washing • Gardens • Civil applications

## SPECIFICATIONS

## SELFY SERIES

Power range	0.37 kW & 0.75 kW (0.5HP & 1HP)
Speed	1440 & 2880 RPM
Version	Single phase 220 – 240V, 50Hz AC Supply
Maximum total head	55 metre
Maximum flow rate	64 lpm (3.82 m <sup>3</sup> /hr)
Degree of protection	IP 44
Class of insulation	'B'
Direction of rotation	Clockwise from driving end
Type of duty	S1 (Continuous)
Method of starting	CSCR / Permanent Split Capacitor (PSC)
Maximum suction lift	Upto 8 metre (slow speed) / Upto 6 metre (high speed)
Nominal pumpset size (S x D)	25 x 25 mm

## PERFORMANCE CHART

### SELFY SERIES

1440 / 2880 RPM At Rated Voltage - Single Phase - 220 - 240 Volts, 50Hz, A.C. Supply

### REGENERATIVE SELFPRIMING MONOBLOCK PUMPSETS

Model	Body	kW	HP	Suction x Delivery in mm	Speed in RPM	Suction Capacity in mtrs	m <sup>3</sup> /hr lpm	DISCHARGE											
								0	0.61	0.80	1.01	1.40	1.80	2.20	2.60	3.00	3.38	3.82	
								0	10	13	17	23	30	37	43	50	56	64	
SELFY 50	AL	0.37	0.5	25x25	2880	6	Head in Metres	50	41	38	34	27	19	13	10				
SELFY 51	CI	0.37	0.5	25x25	2880	6		50	41	38	34	27	19	13	10				
SELFY 52	CI	0.37	0.5	25x25	1440	8		29	26	25	24	23	18	15	10	8			
SELFY 53/54	CI	0.37	0.5	25x25	1440	8		29	26	25	24	23	18	15	10	8			
SELFY 100	MS	0.75	1	25x25	1440	8		45			39	35	32	28	24	17	12		
SELFY 102/106	CI	0.75	1	25x25	1440	8		50			42	38	36	33	28	20	14	13	
SELFY 103/104	Al/CI	0.75	1	25x25	2800	8		55	48	46	43	34	27						
SELFY 105	MS	0.75	1	25x25	1440	8		415	38	35	32	29	24	20	16	12	8	4	

### MATERIAL OF CONSTRUCTION - PUMPSET

Part Name	Material
Pump casing	Cast Iron
Motor body	Cast Iron / Mild Steel / Aluminium
Shaft	SS - 410
Impeller	High Tensile Brass
Bracket	Cast Iron
Mechanical Seal	Carbon & Ceramic

\* CI - Cast Iron AL - Aluminium Motor Body MS - Mild Steel



**C.R.I. PUMPS**  
Pumping trust. Worldwide.

In view of continuous developments, the information / performance / specifications / illustrations mentioned in this catalogue are subject to change without notice. A&R / Residential Flyer / Oct '21.