

# Product Catalogue



## Features

- Suction lift upto 8 metres
- Top flat efficiency curve-minimum variation in efficiency in entire operating range
- Efficiency at par with internationally available pumps higher upto 10 points than minimum required by Indian Standards Specifications
- Can be run direct / through pulley with engine / motor
- Repairs possible without disturbing the pipe connections
- Dynamically balanced rotating parts, ensure minimum vibrations during running
- Designed to run direct / through pulley with engine / motor
- Replaceable wearing parts and hence longer life
- Designed for automatic air release during priming

## Material of Construction

### Standard Supply

Impeller : Cast Iron  
 Delivery Casing : Cast Iron  
 Shaft : Carbon Steel

## Applications

- Irrigation

## Range

Head : 6- 23 metres  
 Capacity : 37.0-10.8 LPS  
 Power Rating : 3.7 kW-5.9 kW (5.0 HP-8.0 HP)

## Approximate performance

PUMP MODEL	PIPE SIZE (mm)		IMPELLER DIA. (mm)	DEPTH TO LOW WATER LEVEL IN METRES												ENGINE			RATED SPEED (RPM)	
	SUC.	DEL.		12	13	14	15	16	17	18	19	20	21	22	23	TYPE	KW	HP		
<b>DISCHARGE IN LITRES PER SECOND</b>																				
65KE-250+	80	65	223	22.0	20.7	19.3	17.8	16.0	14.0	10.8							AV-1	3.7	5.0	1500
65KE-250+	80	65	211				24.8	23.8	22.8	21.6	20.4	19.0	17.4	15.5	12.4		TV-1	5.9	8.0	1800
				6	7	8	9	10	11	12	13	14	15	16						
100KE-215+	100	100	197	34.0	32.5	30.8	28.9	26.8	24.2	19.6							AV-1	3.7	5.0	1500
100KE-215+*	100	100	201	35.2	33.7	32.0	30.2	28.2	25.7	22.7	17.7						TA-1	4.4	6.0	1500
100KE-215+	100	100	206		36.0	34.5	32.8	31.2	29.2	27.0	24.0	19.0					TV-1	5.2	7.0	1500
100KE-215+	100	100	188			37.0	36.0	34.7	33.3	31.6	29.7	27.2	24.4	20.0			TV-1	5.9	8.0	1800

**Note:** Performance applicable to liquid of specific gravity 1 and viscosity as of water. All pumps except 100 KE-215+ (Imp Dia. 201) are ISI marked.