



PUMPS & MOTORS

Product Catalogue

IS : 8034



CM/L 7656086



* For Specific Models Only



Just Switch ON

Submersible Pumps
150/175/200 mm

Submersible Pumps 150/175/200 mm



MOTOR RELATED DATASHEET

Power	Conn.	Rated Current
<i>KW</i>	<i>HP</i>	<i>Amp</i>
150 mm (All 3 Phase, 2 Pole)		
2.20	3.00	DOL 6.50
3.00	4.00	DOL 8.50
3.70	5.00	DOL 10.00
4.50	6.00	DOL 12.00
5.50	7.50	DOL 14.50
7.50	10.00	S/D 19.50
9.30	12.50	S/D 25.00
11.00	15.00	S/D 29.00
13.00	17.50	S/D 34.00
15.00	20.00	S/D 39.00
18.50	25.00	S/D 47.00
22.50	30.00	S/D 58.00
26.00	35.00	S/D 67.00

S/D Option also available
ELV design available with
5.00, 6.00 & 7.50 HP Motors.

WVR design available with
5.00, 6.00 & 7.50 HP Motors.

Standard design available
with 3.00 to 12.50 HP Motors.

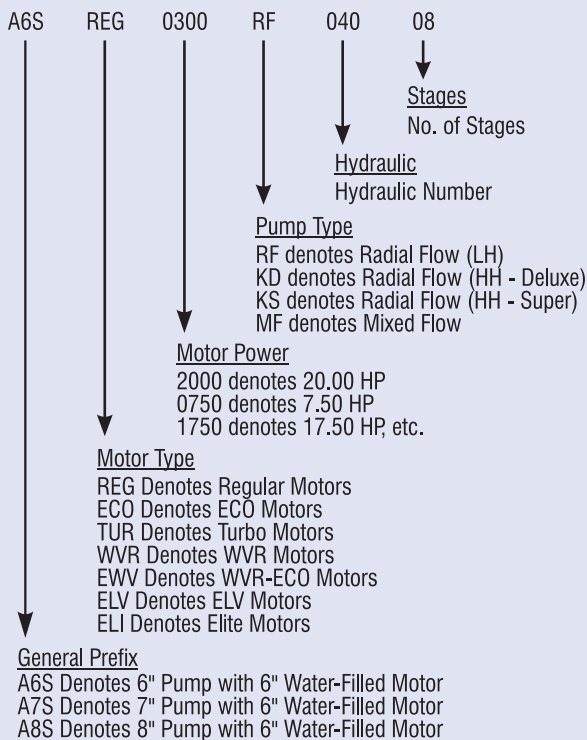
Turbo design available with
3.00 to 35.00 HP Motors.

WVR ECO design available
with 5.00 & 6.00 HP Motors.

ECO design available with
3.00 to 7.50 HP Motors.

ELITE design available with
3.00 to 10.00 HP Motors
(with MF Pumps only)

NOMENCLATURE (Example)



PUMP RELATED DATASHEET

Type	Hydraulic Name	Q at BEP LPM	H/Stage at BEP M	NRV Size mm	Max No. of Stages
150 mm					
Radial HH	40H	90	8.80	50	24
Radial HH	50H	112	11.80	50	24
Radial HH	60H	150	12.50	50	30
Radial HH	80H	190	12.00	50	30
Radial HH	100H	252	11.50	65	30
Radial HH	125H	372	10.70	65	24
Radial HH	150H	420	12.00	65	23
Radial HH	200H	510	12.00	65	17
Radial HH	250H	570	11.00	65	14
Radial LH	30L	129	4.80	50	33
Radial LH	40L	150	7.20	50	31
Radial LH	50L	195	7.00	50	24
Radial LH	60L	200	9.00	50	30
Radial LH	80L	234	8.50	50	24
Radial LH	100L	280	9.40	50	20
Mixed Flow	100MF	415	7.50	65	25
Mixed Flow	125MF	450	7.80	75	20
Mixed Flow	150MF	600	7.60	75	20
Mixed Flow	200MF	747	8.30	75	17
Mixed Flow	250MF	924	9.00	100	14
Mixed Flow	300MF	960	9.00	100	12

Type	Hydraulic Name	Q at BEP LPM	H/Stage at BEP M	NRV Size mm	Max No. of Stages
175 mm					
Mixed Flow	250M	750	11.30	100	12
Mixed Flow	300M	800	13.30	100	10
Mixed Flow	400M	1020	12.60	100	6
Mixed Flow	500M	1200	10.00	100	7
Mixed Flow	600M	1140	15.00	100	5
Mixed Flow	700M	1200	16.00	100	5
200 mm					
Mixed Flow	400H	1000	13.00	100	5
Mixed Flow	500H	1100	14.00	100	7
Mixed Flow	600H	1470	15.00	100	6
Mixed Flow	700H	1320	17.40	100	5
Mixed Flow	800H	1470	17.00	100	3
Mixed Flow	900H	1320	20.00	100	4
Mixed Flow	990H	1500	22.00	100	3

All Standard & Turbo Motors are designed for operation within 260V through 440V; over 50Hz 3Ø AC power supply

Optimum performance shall occur at 415V

Correct selection of Power Cable size is necessary for Motor performance

It is strongly suggested to use best quality switching in the control panel for optimum & durable performance

It is strongly suggested to use rising main & delivery pipe of the same size as the NRV diameter for all Pumps

MATERIAL OF CONSTRUCTION

Shaft	SS	AISI 410	as per ASTM A 276
Shaft	SS*	AISI 431	as per ASTM A 276
Impeller	SS	AISI 410	as per ASTM A 276
Diffuser/Bowl	Cast Iron	FG 200	as per IS:210
Diffuser	SS**	AISI 410	as per ASTM A 276
NRV Body	Cast Iron	FG 200	as per IS:210
Bushes	Bronze	LTB 4	as per IS:318

* Standard for Motors above 12.50HP Power Rating
**Available only in 150 mm Radial Flow HH range as "Deluxe" Option

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