Enriching Lives

SUBMERSIBLE PUMPS

TYPE - KU4

CE

KIRLOSKAR BROTHERS LIMITED

RANGE

Head	:	8-248 metres
Capacity	:	5 -180 LPM
Rating	:	0.37 kW-1.5 kW (0.50 HP-2.0 HP)
Voltage Range	:	150-240V Single Phase

APPLICATIONS

Domestic and industrial water supply, Fire-fighting systems for small and medium size plants, Sprinkler and drip irrigation systems, Booster systems, Farm houses, nurseries and gardening

FEATURES

Pump :

- Low power consumption
- Designed for optimum efficiency
- Suitable for oil and water filled motor
- Pump motor connection according to NEMA standard
- Hexagonal Rubber Bush and Stainless Steel sleeve increases the wear resistance
- NRV fitted in discharge outlet to prevent backflow
- Corrosion and abrasion resistant part
- Less vibration and lower noise level due to dynamic balancing of rotating parts
- Light in weight and compact in size makes it easy to install
- Can be installed with HDPE / UPVC / GI pipes
- Can also be installed horizontally

Motor :

Oil Filled Motor : Fitted with Double Ball Bearing

- Anti-friction bearings for axial / radial loads give better life to motor
- Portable and hygienic grade of oil-filled motor facilitates use of anti-friction bearings (instead of journal bearings) resulting in smooth running and trouble-free operation of pump set
- Stator is easily rewind able
- Insulation : Class 'F'
- Wider voltage range : Single Phase 150V-240V, (Rated Voltage 200V)
- Maximum starts / stops per hour : 30

Performance chart of 4" Oil filled KU4 Series

SERIES KU4 - 02 **PIPE SIZE: 32mm**

Sr. no.	Model	kW	HP	Rated Current 1Ø	Rated Current 3Ø	Discharge in LPM 10	20	30	40	50
1	KU4 - 0214	0.37	0.50	3.5	1.4	62	56	42	34	18
2	KU4 - 0221	0.55	0.75	4.5	1.9	93	84	72	51	27
3	KU4 - 0228	0.75	1.02	5.8	2.5	124	112	96	68	36
4	KU4 - 0234	1.1	1.5	7.9	2.9	150	136	116	83	44
5	KU4 - 0240	1.1	1.5	7.9	2.9	176	160	136	98	52

TOTAL HEAD IN METRES

SERIES KU4 - 08 **PIPE SIZE: 32mm**

Sr. no.	Model	kW	HP	Rated Current 1Ø	Rated Current 3Ø	Discharge in LPM 25	50	75	100	125	150
1	KU4 - 0807	0,75	1.02	5.8	2.5	41	39	35	28	18	2
2	KU4 - 0810	1.10	1.50	7.9	2.9	58	55	50	40	26	3
3	KU4 - 0814	1.50	2.00	11	4.5	81	77	69	57	36	5
4	KU4 - 0821	2.20	3.00	15	6	122	116	104	85	54	7
5	KU4 - 0828	3.00	4.00	NA	8.5	163	155	139	113	72	9
6	KU4 - 0238	4.10	5.50	NA	10.5	221	210	188	154	98	13

TOTAL HEAD IN METRES

SERIES KU4 - 03 **PIPE SIZE: 32mm**

Sr. no.	Model	kW	HP	Rated Current 1Ø	Rated Current 3Ø	Discharge in LPM 10	20	30	40	50	60
1	KU4 - 0307	0.37	0.50	3.5	1.4	43	41	38	32	24	15
2	KU4 - 0310	0.55	0.75	4.5	1.9	61	58	54	46	34	21
3	KU4 - 0311	0.75	1.02	5.8	2.5	68	64	59	50	37	24
4	KU4 - 0314	0.75	1.02	5.8	2.5	86	81	75	64	47	30
5	KU4 - 0318	1.10	1.50	7.9	2.9	111	105	97	82	61	39
6	KU4 - 0321	1.10	1.50	7.9	2.9	129	122	113	96	71	45
7	KU4 - 0328	1.50	2.00	11	4.9	172	163	151	128	95	60
8	KU4 - 0334	2.20	3.00	15	6	209	198	183	155	115	73
9	KU4 - 0340	2.20	3.00	15	6	246	232	215	183	135	86

TOTAL HEAD IN METRES

SERIES KU4 - 15 **PIPE SIZE: 32mm**

Sr. no.	Model	kW	HP	Rated Current 1Ø	Rated Current 3Ø	Discharge in LPM 40	80	120	160	200
1	KU4 - 1504	0.55	0.75	4.5	1.9	24	22	19	14	6
2	KU4 - 1505	0.75	1.02	5.8	2.5	30	27	24	18	8
3	KU4 - 1507	1.10	1.50	7.9	2.9	42	38	33	25	11
4	KU4 - 1509	1.50	2.00	11	4.5	54	49	43	32	14
5	KU4 - 1512	2.20	3.00	15	6	71	66	57	43	19
6	KU4 - 1514	2.20	3.00	15	6	83	77	66	50	22
7	KU4 - 1519	3.00	4.00	NA	8.5	113	104	90	68	30
8	KU4 - 1524	4.10	5.50	NA	10.5	143	131	114	86	38
9	KU4 - 1526	4.10	5.50	NA	10.5	195	180	156	118	52

TOTAL HEAD IN METRES

SERIES KU4 - 07 **PIPE SIZE: 32mm**

Sr. no.	Model	kW	HP	Rated Current 1Ø	Rated Current 3Ø	Discharge in LPM 20	40	60	80	100	120
1	KU4 - 0704	0.37	0.50	3.5	1.4	24	23	20	15	9	2
2	KU4 - 0706	0.55	0.75	4.5	1.9	36	34	30	23	14	4
3	KU4 - 0707	0.55	0.75	4.5	1.9	41	40	36	27	16	4
4	KU4 - 0709	0.75	1.02	5.8	2.5	53	51	46	35	21	6
5	KU4 - 0713	1.10	1.50	7.9	2.9	77	74	66	50	30	8
6	KU4 - 0715	1.50	2.00	11	4.5	89	85	76	58	35	9
7	KU4 - 0718	1.50	2.00	11	4.5	107	102	91	69	42	11
8	KU4 - 0722	1.90	2.50	13.8	NA	130	125	112	85	51	14
9	KU4 - 0727	2.20	3.00	15	6	160	154	137	104	62	17
10	KU4 - 0736	3.00	4.00	NA	8.5	213	205	183	138	83	22

TOTAL HEAD IN METRES

SERIES KU4 - 02 **PIPE SIZE: 32mm**

Sr. no.	Model	kW	HP	Rated Current 1Ø	Rated Current 3Ø	Discharge in LPM 60	120	180	240	300
1	KU4 - 2504	1.10	1.50	7.9	2.9	21	19	17	13	10
2	KU4 - 2506	1.50	2.00	11	4.5	31	28	25	20	15
3	KU4 - 2509	2.20	3.00	15	6	46	42	37	29	23
4	KU4 - 2512	3.00	4.00	NA	8.8	62	56	50	39	30
5	KU4 - 2516	4.10	5.50	NA	10.5	82	74	66	52	40

TOTAL HEAD IN METRES

MATERIAL OF CONSTRUCTION

Impeller	Noryl
Diffuser	Noryl
Pump Housing	Stainless Steel
Diffuser Casing	Stainless Steel
Shaft	Stainless Steel
NRV	Stainless Steel
Suction Housing	Stainless Steel

FEATURES

- Floating Impeller Design; minimum axial thrust on Bearings, Fitted with anti friction Ball Bearing; better life of Motor, smooth running
- Motor is filled with medicated oil – No pollution
- High Efficiency hence Low Power consumption
- SS sleeves, Corrosion and abrasion resistant parts, Less Vibration

KIRLOSKAR BROTHERS LIMITED,
DEWAS-455001 (M.P.)

PERFORMANCE CURVE OF PUMP TYPE KU4-02 SERIES	Suc. . mm
This curve relates to the liquid of S.G. - 1 and viscosity as water	Del. 32 mm
	Rev. 00

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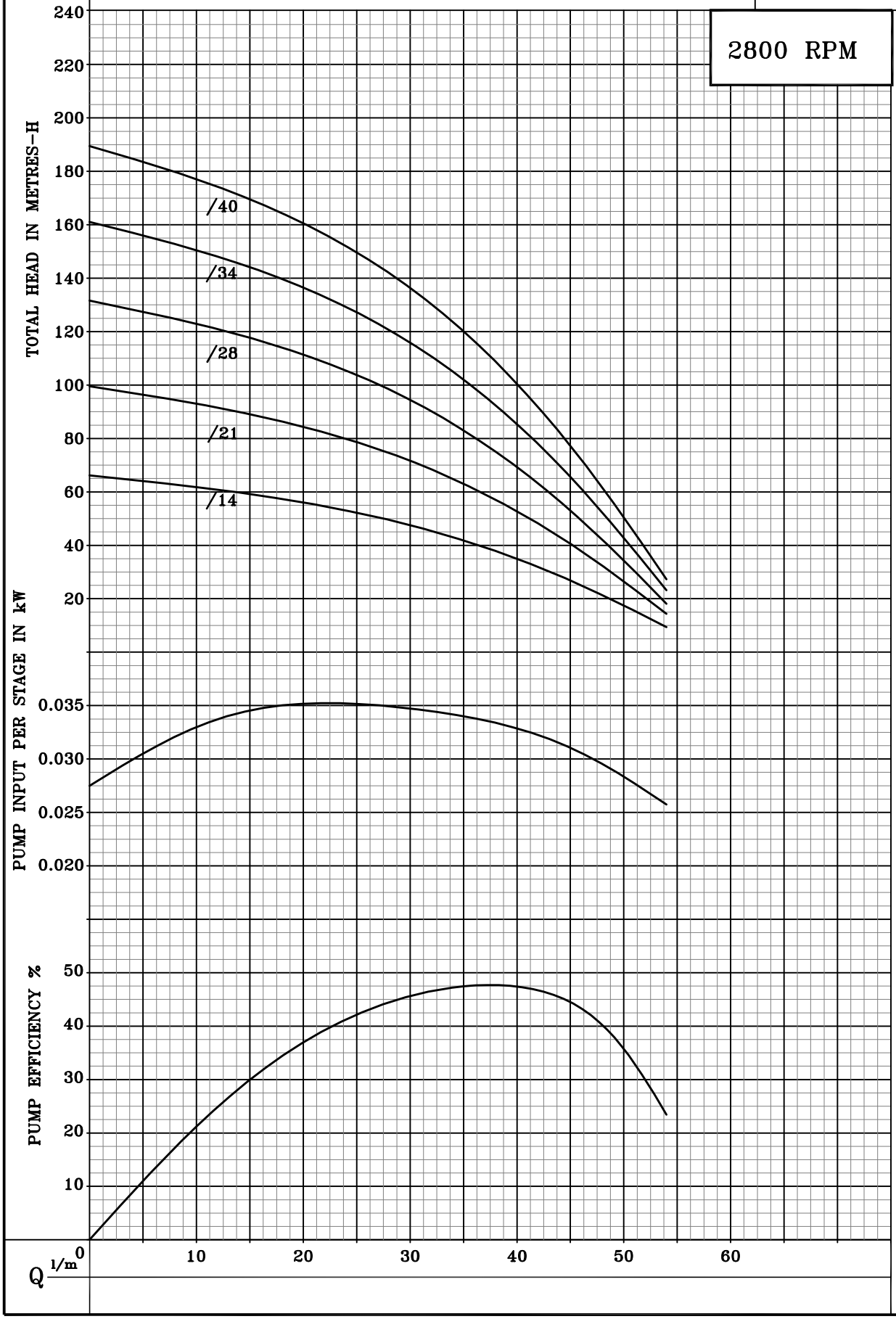
2800 RPM



DRAWN BY- VASUDHA DATE-21/4/2011
CHECKED BY- ANURAG KHARE DATE-21/4/2011
APPROVED BY- DATE-21/4/2011

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DEWAS-455001 (M.P.)

PERFORMANCE CURVE OF PUMP TYPE **KU4-03 SERIES**	Suc. . mm
This curve relates to the liquid of S.G. - 1 and viscosity as water	Del. 32 mm
	Rev. 00

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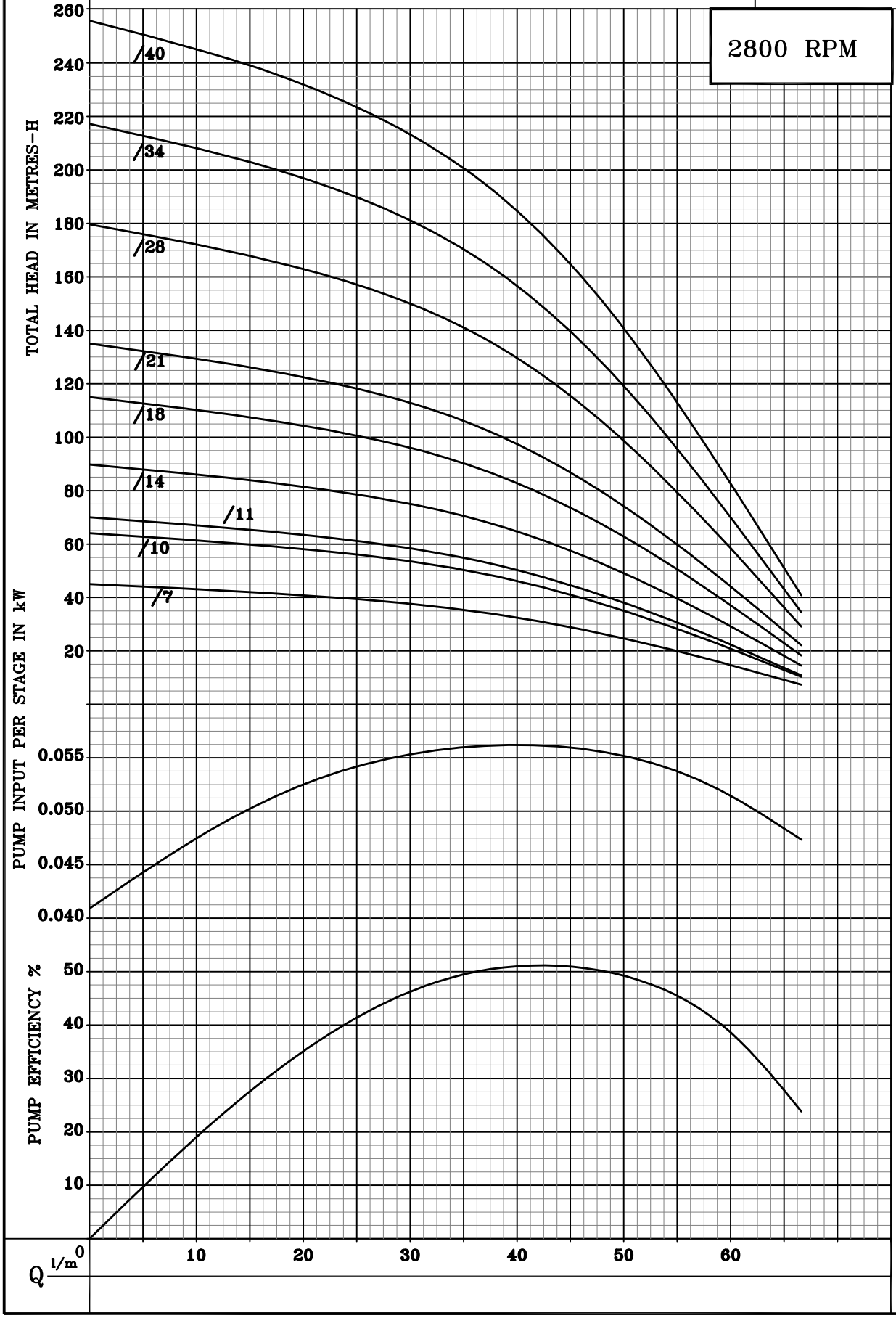
2800 RPM



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PERFORMANCE CURVE OF PUMP TYPE **KU4-07 SERIES**	Suc. . mm
This curve relates to the liquid of S.G. - 1 and viscosity as water	Del. 32 mm
	Rev. 00

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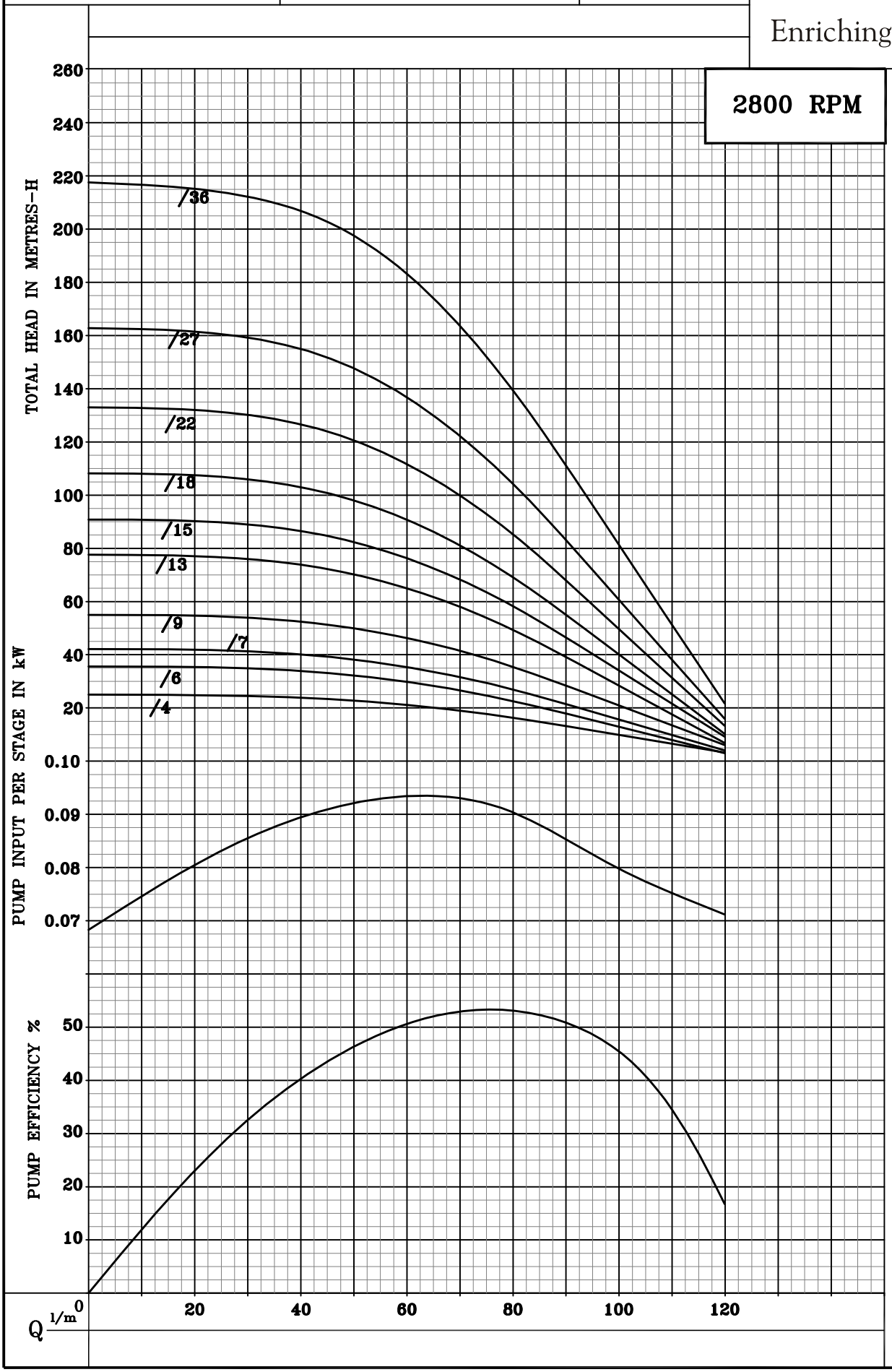
2800 RPM



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PERFORMANCE CURVE OF PUMP TYPE **KU4-08 SERIES** | Suc. . mm

This curve relates to the liquid of S.G. - 1 and viscosity as water | Del. 32 mm

Rev. 00

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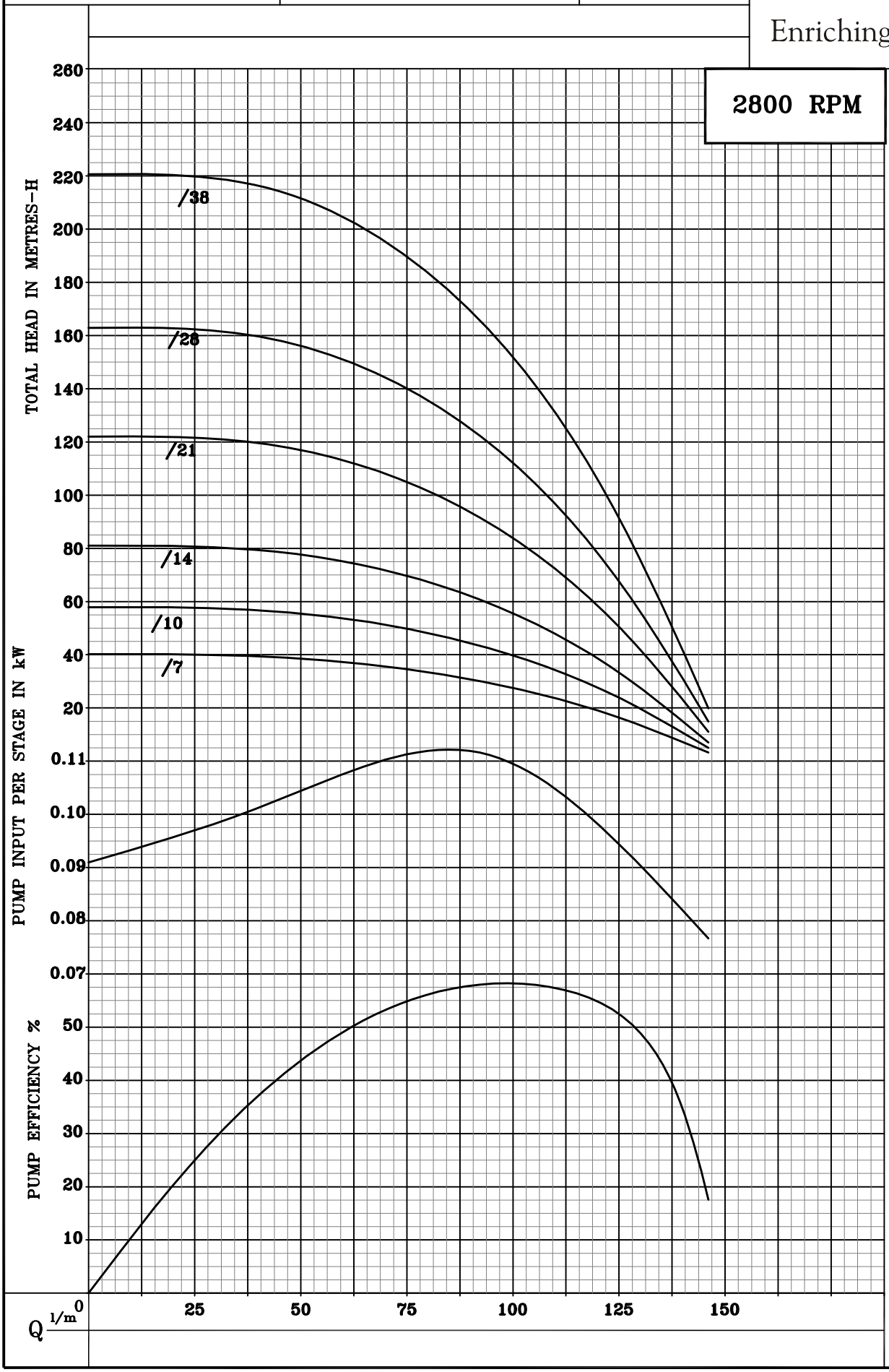
2800 RPM



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PERFORMANCE CURVE OF PUMP TYPE **KU4-15 SERIES** | Suc. . mm

This curve relates to the liquid of S.G. - 1 and viscosity as water | Del. 32 mm

Rev. 00

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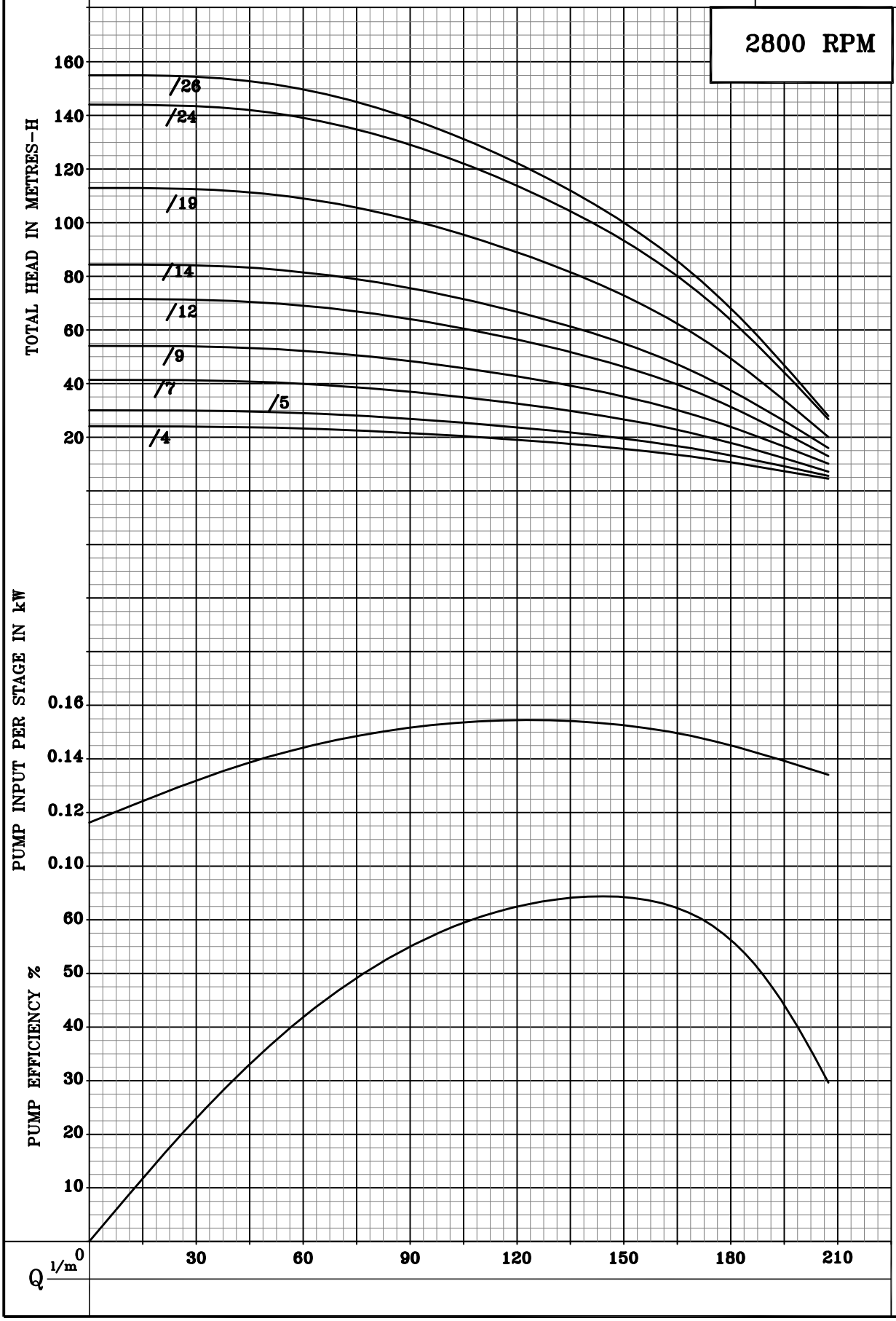
2800 RPM



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PERFORMANCE CURVE OF PUMP TYPE **KU4-25 SERIES** | Suc. . mm

This curve relates to the liquid of S.G. - 1 and viscosity as water | Del. 50 mm

Rev. 00

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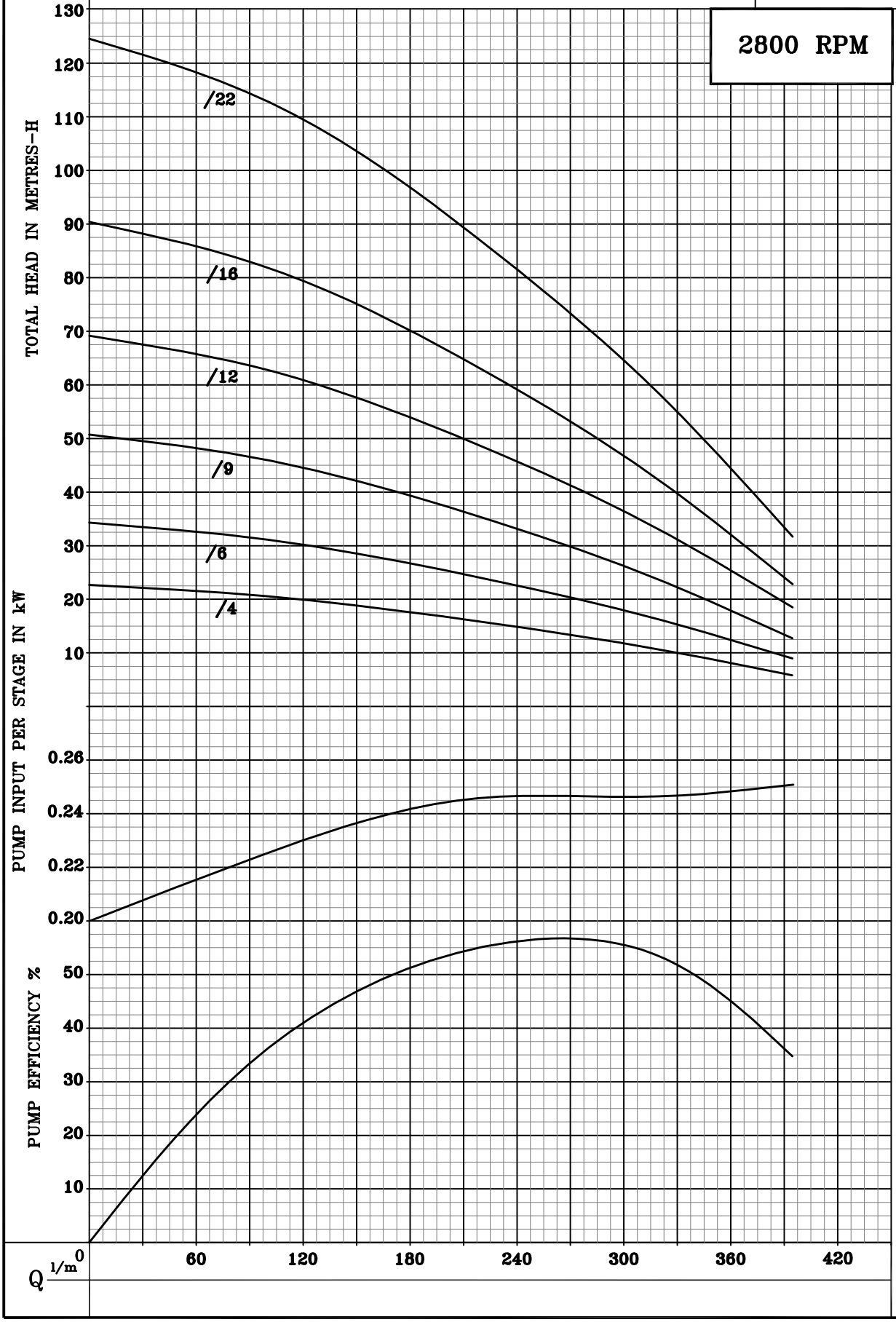

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OUR GLOBAL PRESENCE

As we are constantly endeavouring to improve the performance of our products/ equipment, we reserve the right to make alterations from time to time and as such our products/ equipment may differ from that detailed in this publication. For latest information you may get in touch with our Regional Sales Offices.

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