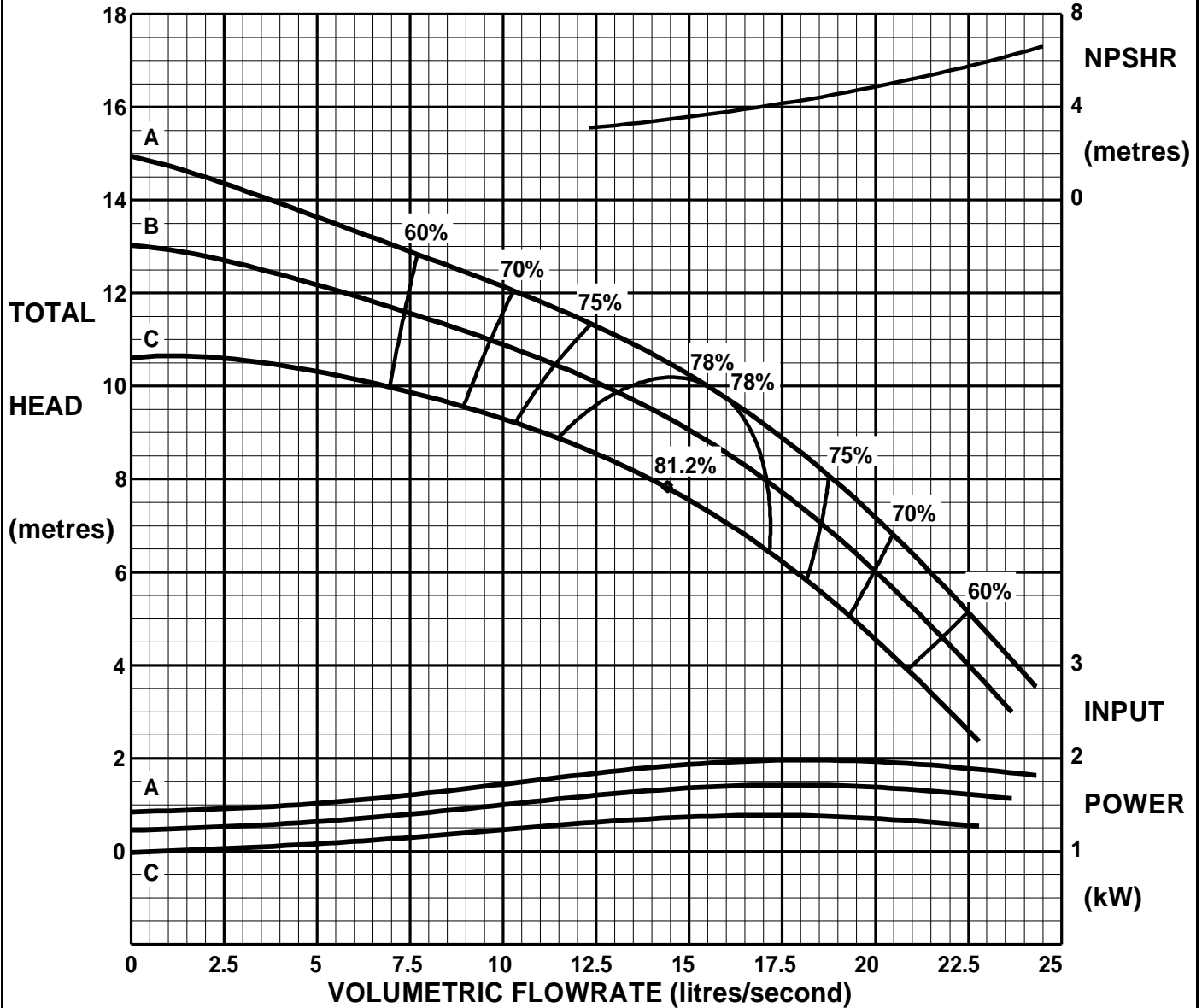


CHANGE EFFIC. AS FOLLOWS	NO. OF POINTS	NO. OF STAGES	 <b>VERTICAL TURBINE PUMPS</b>	PUMP MODEL <b>150RH</b>	CURVE NO. E06241
LOWER	5	1		<b>2930 R.P.M.</b>	DATE Dec-2004
LOWER	2	2		BOWL DIA. 139.7 mm	K 4.67
RAISE	1	7		STANDARD CURVE ILLUSTRATES SINGLE STAGE PERFORMANCE ONLY	
RAISE	1.5	12			
LOWER 2 PTS FOR PLAIN BOWL					

EFFICIENCIES SHOWN ARE PUMP EFFICIENCIES - COLUMN & DRIVEHEAD LOSSES ARE NOT INCLUDED



DATA FOR CLEAN COLD WATER ONLY

PUMP PERFORMANCE TO AS2417 Pt 2 Class C

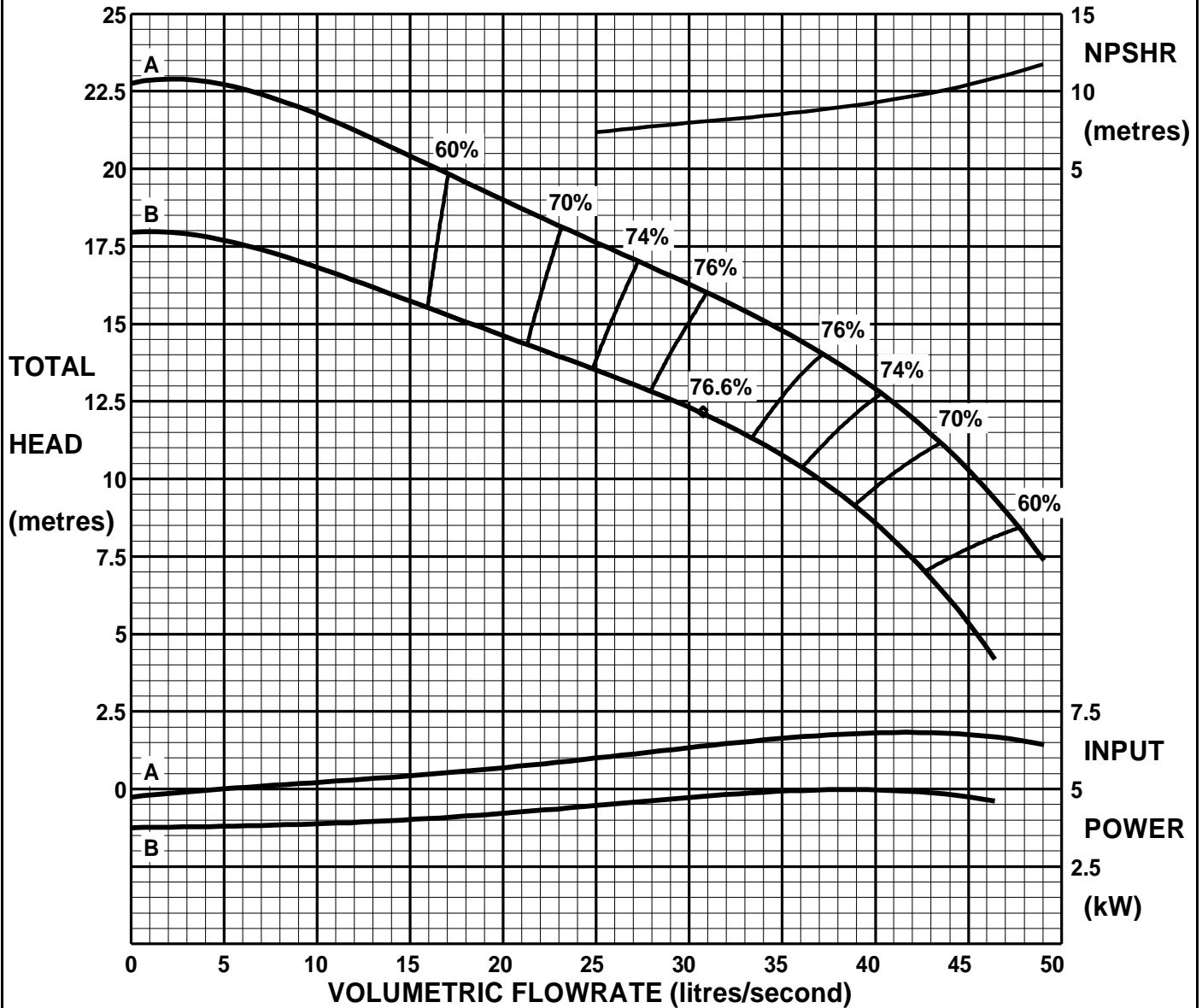
IMPELLER			BOWL		
IMPELLER TRIM A	=	112.7 mm	PUMP LENGTH	=	435 mm
IMPELLER TRIM B	=	108 mm	ADDITIONAL STAGES	=	130 mm
IMPELLER TRIM C	=	101.6 mm	MAX. NO. OF STAGES	=	10
EFFECTIVE EYE AREA	=	43.8 cm <sup>2</sup>	MAX. PRESS. HEAD	=	340 m
OF NUMBER VANES	=	7	LATERAL STD	=	10 mm MAX 12 mm
WR <sup>2</sup> PER IMPELLER	=	.00198 kg.m <sup>2</sup>	SUCTION SIZE	=	100 mm
MAX. SPHERE SIZE	=	12 mm	DISCHARGE SIZE	=	100/125 mm
WEIGHT	=	1.6 kg	DISCHARGE CASE DIA.	=	140/162 mm

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CHANGE EFFIC. AS FOLLOWS	NO. OF POINTS	NO. OF STAGES	 <b>VERTICAL TURBINE PUMPS</b>	PUMP MODEL <b>180RH</b>	CURVE NO. E07141
LOWER	4	1		<b>2950 R.P.M.</b>	DATE
LOWER	2	2			Dec-2004
LOWER	0	6		BOWL DIA. 174 mm	K 7.9
LOWER 2 PTS FOR PLAIN BOWL				STANDARD CURVE ILLUSTRATES SINGLE STAGE PERFORMANCE ONLY	

EFFICIENCIES SHOWN ARE PUMP EFFICIENCIES - COLUMN & DRIVEHEAD LOSSES ARE NOT INCLUDED




DATA FOR CLEAN COLD WATER ONLY

PUMP PERFORMANCE TO AS2417 Pt 2 Class C

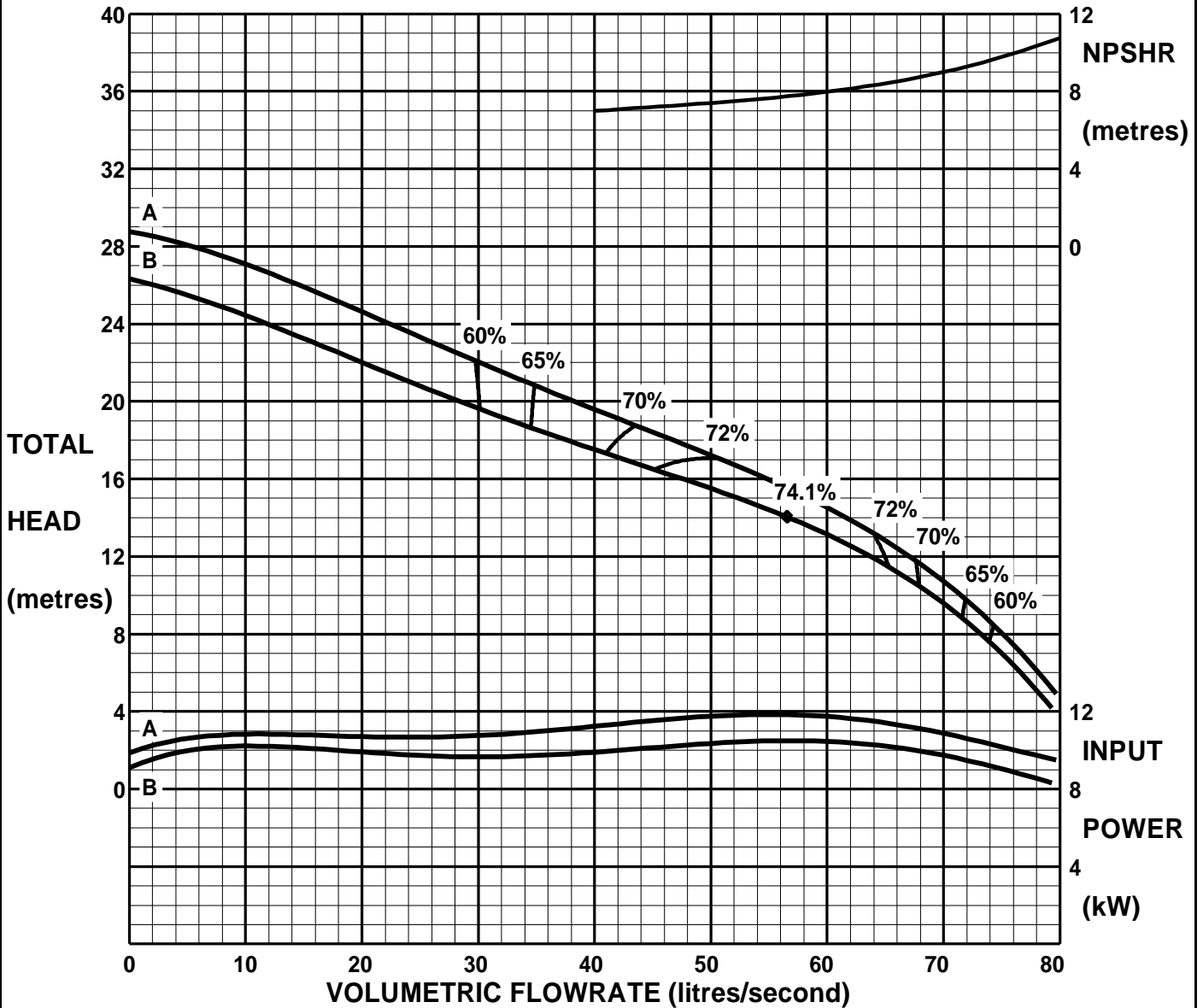
IMPELLER			BOWL		
IMPELLER TRIM A	=	139.7 mm	PUMP LENGTH	=	540 mm
IMPELLER TRIM B	=	127 mm	ADDITIONAL STAGES	=	184 mm
EFFECTIVE EYE AREA	=	64.5 cm <sup>2</sup>	MAX. NO. OF STAGES	=	10
NUMBER OF VANES	=	7	MAX. PRESS. HEAD	=	320 m
WR <sup>2</sup> PER IMPELLER	=	.00666 kg.m <sup>2</sup>	LATERAL STD	=	12 mm MAX 15 mm
MAX. SPHERE SIZE	=	12 mm	SUCTION SIZE	=	125 mm
WEIGHT	=	2.5 kg	DISCHARGE SIZE	=	125/150 mm
			DISCHARGE CASE DIA.	=	174/189 mm

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CHANGE EFFIC. AS FOLLOWS	NO. OF POINTS	NO. OF STAGES	 <b>VERTICAL TURBINE PUMPS</b>	PUMP MODEL <b>200FHM</b>	CURVE NO. E08431
LOWER	3	1		<b>2970 R.P.M.</b>	DATE
LOWER	1	2		BOWL DIA. 192.5 mm	Dec-2004
LOWER	0	4		STANDARD CURVE ILLUSTRATES SINGLE STAGE PERFORMANCE ONLY	K 11.83
LOWER 2 PTS FOR PLAIN BOWL					

EFFICIENCIES SHOWN ARE PUMP EFFICIENCIES - COLUMN & DRIVEHEAD LOSSES ARE NOT INCLUDED



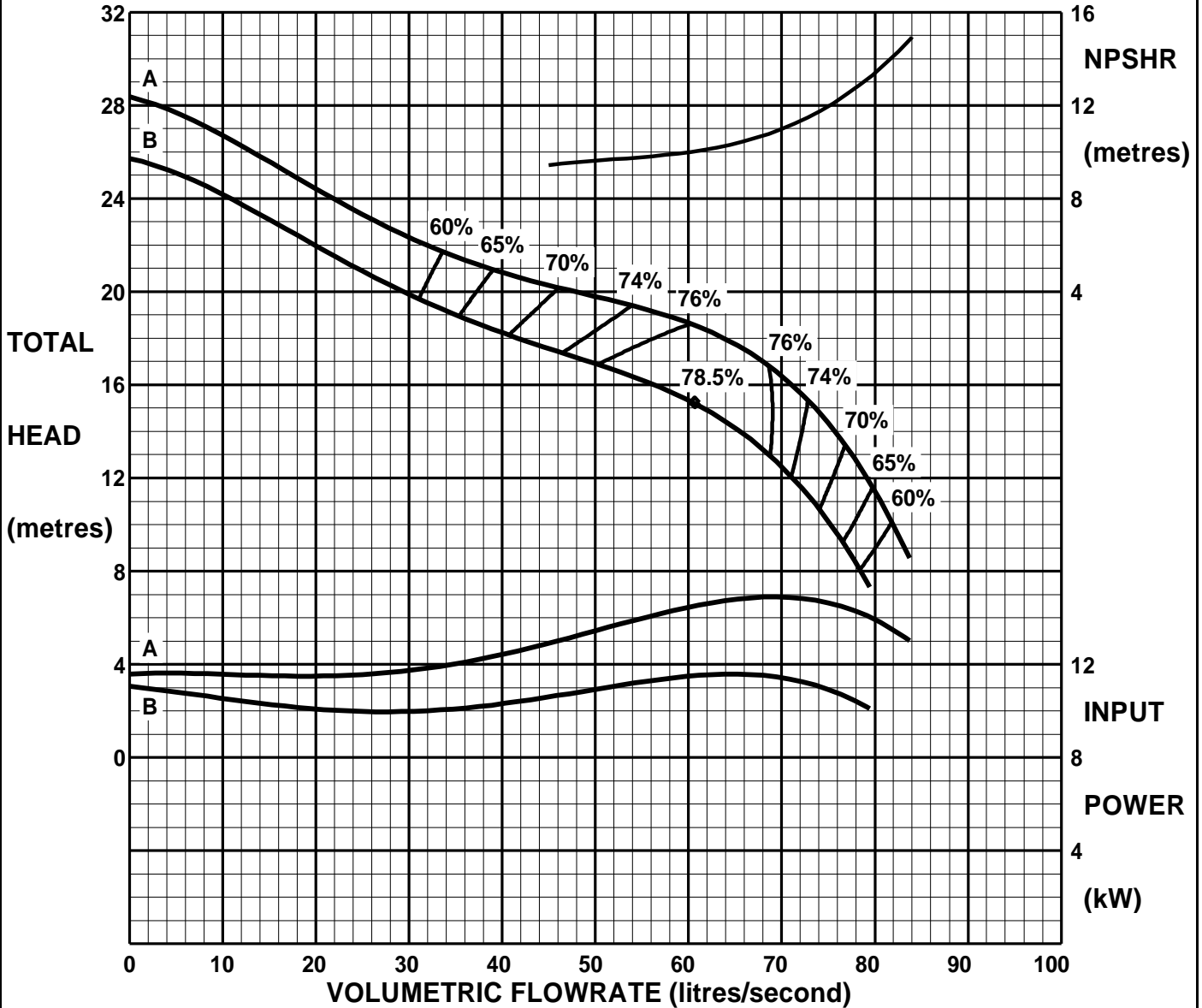
DATA FOR CLEAN COLD WATER ONLY

PUMP PERFORMANCE TO AS2417 Pt 2 Class C

IMPELLER			BOWL		
IMPELLER TRIM A	=	160.5 mm	PUMP LENGTH	=	584 mm
IMPELLER TRIM B	=	152.4 mm	ADDITIONAL STAGES	=	190.5 mm
			MAX. NO. OF STAGES	=	10
EFFECTIVE EYE AREA	=	98.7 cm <sup>2</sup>	MAX. PRESS. HEAD	=	300 m
NUMBER OF VANES	=	5	LATERAL STD	=	16 mm MAX 19 mm
WR <sup>2</sup> PER IMPELLER	=	.0102 kg.m <sup>2</sup>	SUCTION SIZE	=	150 mm
MAX. SPHERE SIZE	=	19 mm	DISCHARGE SIZE	=	125/150/200 mm
WEIGHT	=	3 kg	DISCHARGE CASE DIA.	=	186/186/244 mm

CHANGE EFFIC. AS FOLLOWS	NO. OF POINTS	NO. OF STAGES	 <b>VERTICAL TURBINE PUMPS</b>	PUMP MODEL <b>200FHH</b>	CURVE NO. E08441
LOWER	4	1		<b>2970 R.P.M.</b>	DATE
LOWER	2	2		BOWL DIA. 192.5 mm	Dec-2004
LOWER	0	4		STANDARD CURVE ILLUSTRATES SINGLE STAGE PERFORMANCE ONLY	K 11.83
LOWER 2 PTS FOR PLAIN BOWL					

EFFICIENCIES SHOWN ARE PUMP EFFICIENCIES - COLUMN & DRIVEHEAD LOSSES ARE NOT INCLUDED




DATA FOR CLEAN COLD WATER ONLY

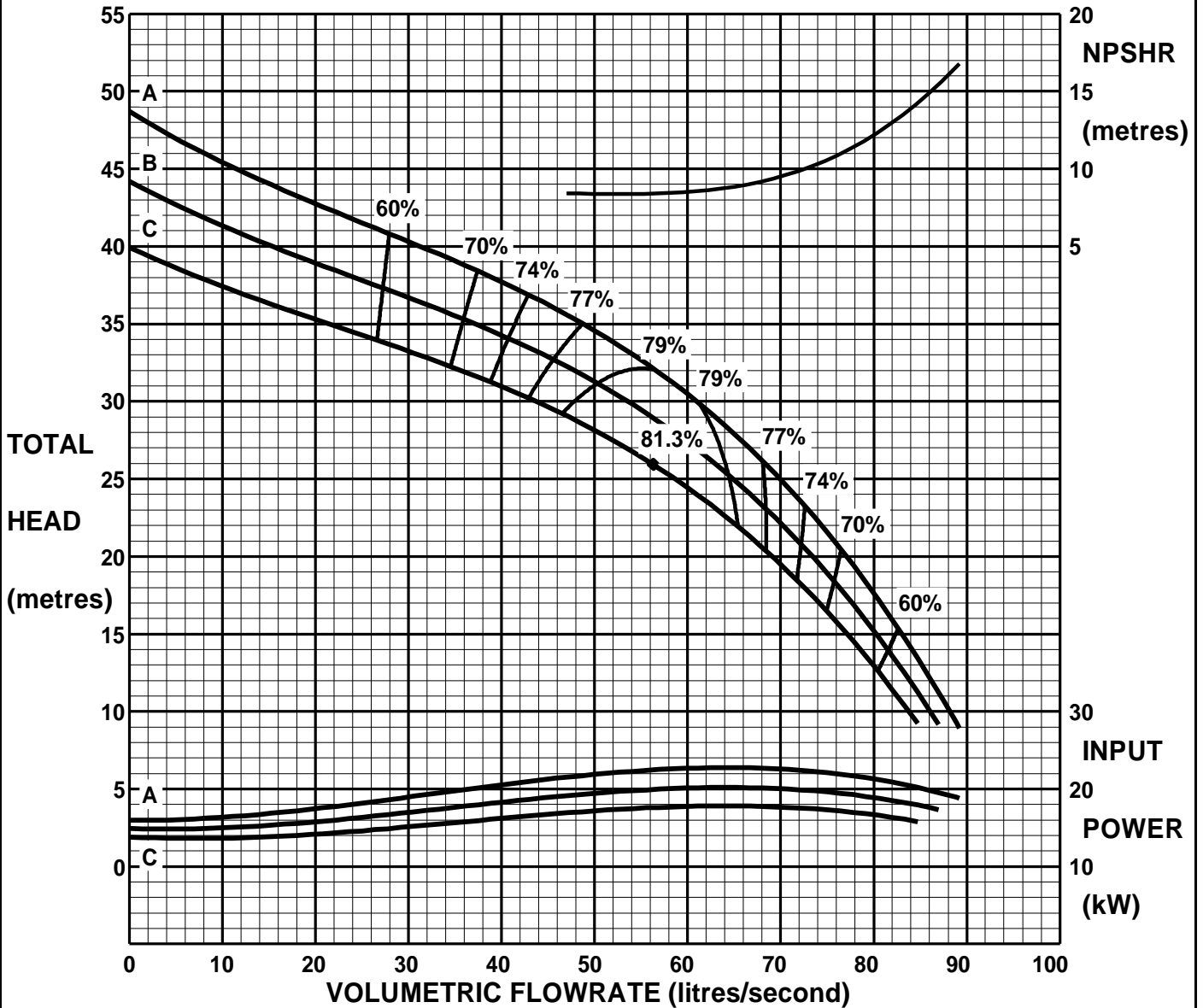
PUMP PERFORMANCE TO AS2417 Pt 2 Class C

IMPELLER			BOWL		
IMPELLER TRIM A	=	160.5 mm	PUMP LENGTH	=	584 mm
IMPELLER TRIM B	=	152.4 mm	ADDITIONAL STAGES	=	190.5 mm
			MAX. NO. OF STAGES	=	10
EFFECTIVE EYE AREA	=	112.9 cm <sup>2</sup>	MAX. PRESS. HEAD	=	300 m
NUMBER OF VANES	=	7	LATERAL STD	=	15 mm MAX 18 mm
WR <sup>2</sup> PER IMPELLER	=	.0102 kg.m <sup>2</sup>	SUCTION SIZE	=	150 mm
MAX. SPHERE SIZE	=	12 mm	DISCHARGE SIZE	=	125/150/200 mm
WEIGHT	=	3 kg	DISCHARGE CASE DIA.	=	186/186/244 mm



CHANGE EFFIC. AS FOLLOWS	NO. OF POINTS	NO. OF STAGES	 <b>VERTICAL TURBINE PUMPS</b>	PUMP MODEL <b>250RM</b>	CURVE NO. E10331
LOWER	1	1		<b>2980 R.P.M.</b>	DATE
RAISE	1	5		BOWL DIA. 245 mm	Dec-2004
				STANDARD CURVE ILLUSTRATES SINGLE STAGE PERFORMANCE ONLY	K 12.4
LOWER 2 PTS FOR PLAIN BOWL					

EFFICIENCIES SHOWN ARE PUMP EFFICIENCIES - COLUMN & DRIVEHEAD LOSSES ARE NOT INCLUDED




DATA FOR CLEAN COLD WATER ONLY

PUMP PERFORMANCE TO AS2417 Pt 2 Class C

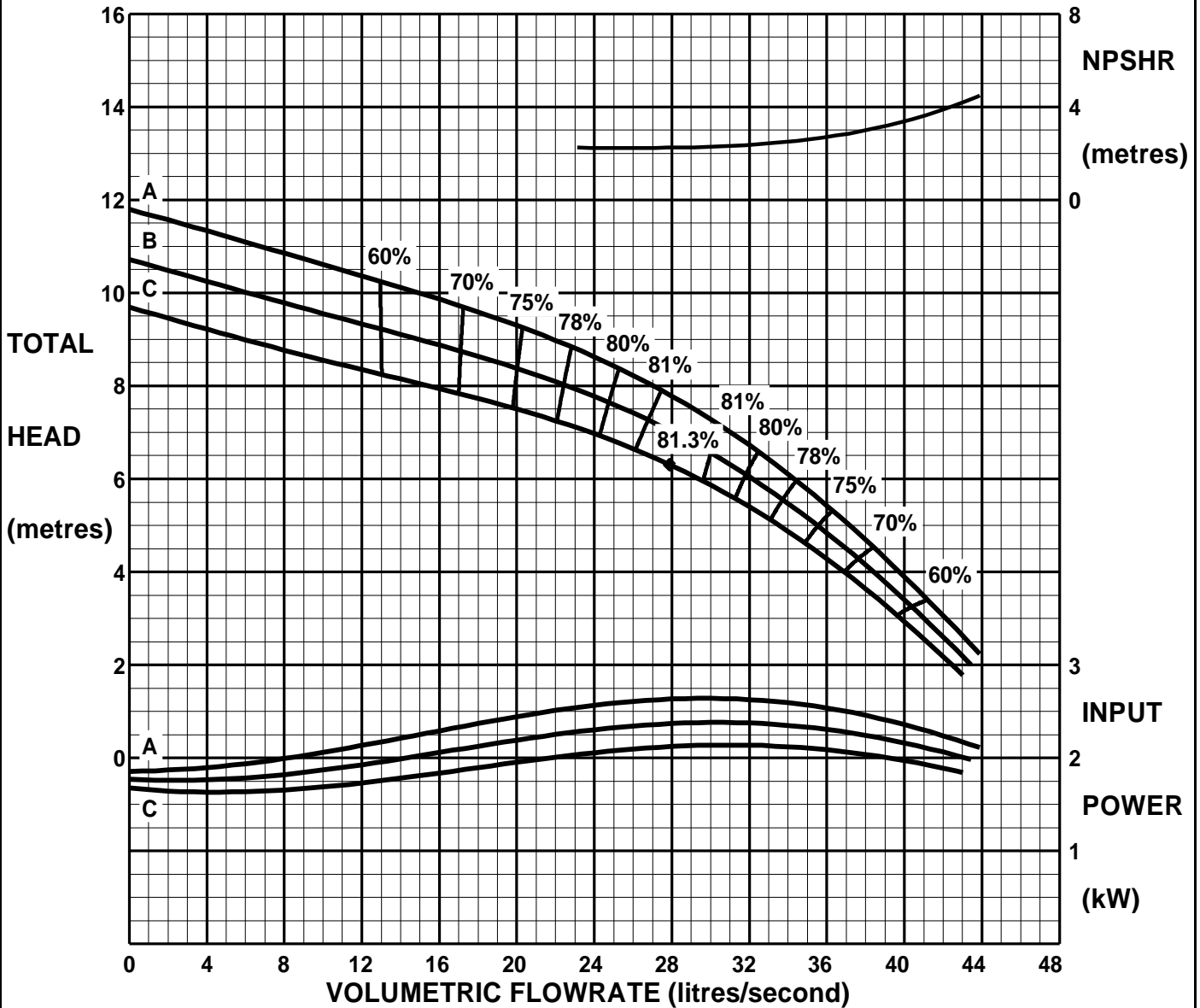
IMPELLER			BOWL		
IMPELLER TRIM A	=	196.8 mm	PUMP LENGTH	=	575 mm
IMPELLER TRIM B	=	187.3 mm	ADDITIONAL STAGES	=	212 mm
IMPELLER TRIM C	=	177.8 mm	MAX. NO. OF STAGES	=	10
EFFECTIVE EYE AREA	=	116.8 cm <sup>2</sup>	MAX. PRESS. HEAD	=	280 m
NUMBER OF VANES	=	6	LATERAL STD	=	18 mm MAX 21 mm
WR <sup>2</sup> PER IMPELLER	=	.042 kg.m <sup>2</sup>	SUCTION SIZE	=	200 mm
MAX. SPHERE SIZE	=	12 mm	DISCHARGE SIZE	=	150/200/250 mm
WEIGHT	=	5 kg	DISCHARGE CASE DIA.	=	244/244/296 mm

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CHANGE EFFIC. AS FOLLOWS	NO. OF POINTS	NO. OF STAGES	 <b>VERTICAL TURBINE PUMPS</b>	PUMP MODEL <b>250RM</b>	CURVE NO. E10332
LOWER	1	1		<b>1470 R.P.M.</b>	DATE
RAISE	1	5		BOWL DIA. 245 mm	Dec-2004
				STANDARD CURVE ILLUSTRATES SINGLE STAGE PERFORMANCE ONLY	K 12.4
LOWER 2 PTS FOR PLAIN BOWL					

EFFICIENCIES SHOWN ARE PUMP EFFICIENCIES - COLUMN & DRIVEHEAD LOSSES ARE NOT INCLUDED




DATA FOR CLEAN COLD WATER ONLY

PUMP PERFORMANCE TO AS2417 Pt 2 Class C

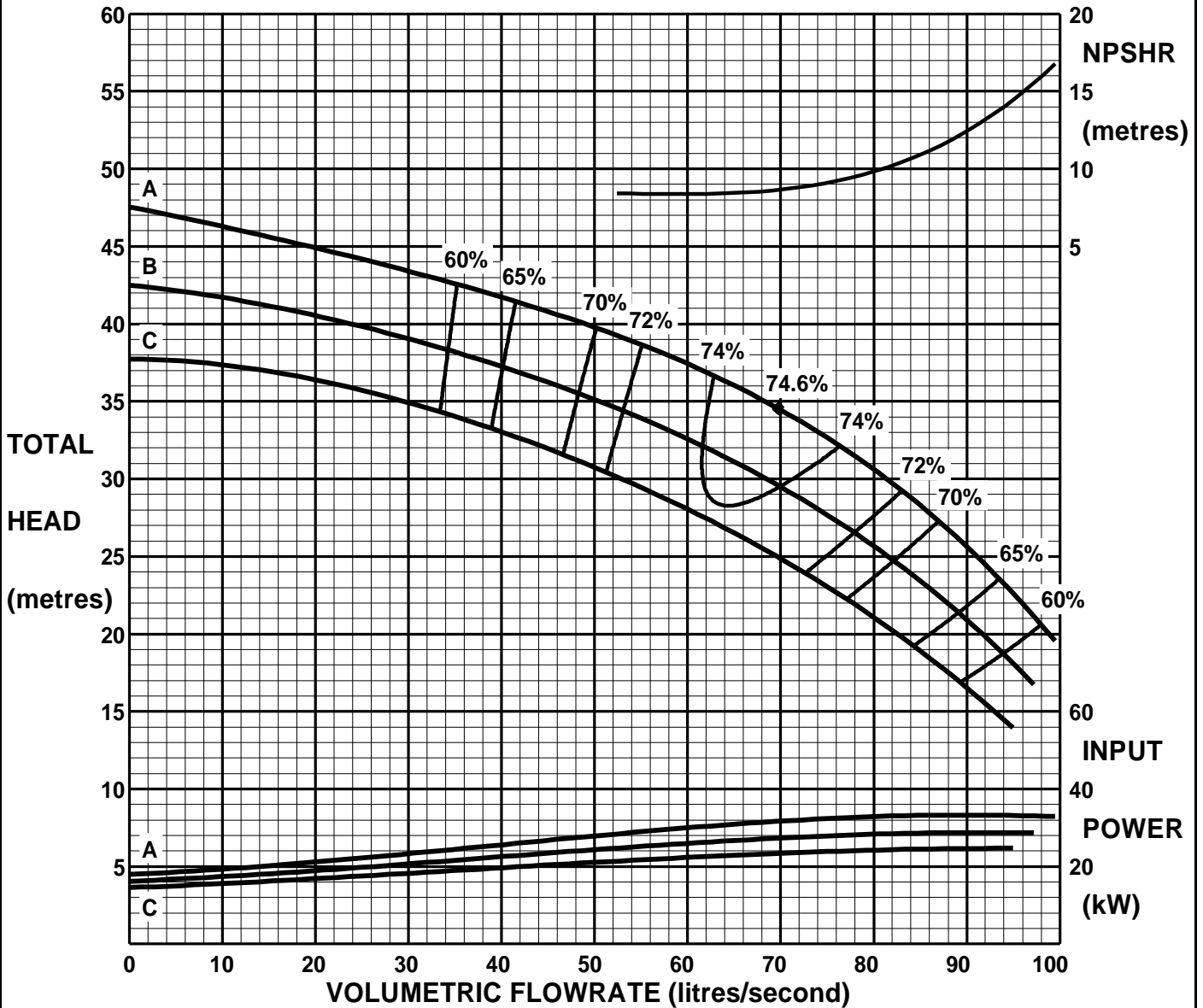
IMPELLER			BOWL		
IMPELLER TRIM A	=	196.8 mm	PUMP LENGTH	=	575 mm
IMPELLER TRIM B	=	187.3 mm	ADDITIONAL STAGES	=	212 mm
IMPELLER TRIM C	=	177.8 mm	MAX. NO. OF STAGES	=	10
EFFECTIVE EYE AREA	=	116.8 cm <sup>2</sup>	MAX. PRESS. HEAD	=	280 m
NUMBER OF VANES	=	6	LATERAL STD	=	18 mm MAX 21 mm
WR <sup>2</sup> PER IMPELLER	=	.042 kg.m <sup>2</sup>	SUCTION SIZE	=	200 mm
MAX. SPHERE SIZE	=	12 mm	DISCHARGE SIZE	=	150/200/250 mm
WEIGHT	=	5 kg	DISCHARGE CASE DIA.	=	244/244/296 mm

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CHANGE EFFIC. AS FOLLOWS	NO. OF POINTS	NO. OF STAGES	 <b>VERTICAL TURBINE PUMPS</b>	PUMP MODEL <b>250RH</b>	CURVE NO. E10341
LOWER	1	1		<b>2980 R.P.M.</b>	DATE
RAISE	1	5		BOWL DIA. 245 mm	Dec-2004
LOWER 2 PTS FOR PLAIN BOWL				STANDARD CURVE ILLUSTRATES SINGLE STAGE PERFORMANCE ONLY	K 12.4

EFFICIENCIES SHOWN ARE PUMP EFFICIENCIES - COLUMN & DRIVEHEAD LOSSES ARE NOT INCLUDED



DATA FOR CLEAN COLD WATER ONLY

PUMP PERFORMANCE TO AS2417 Pt 2 Class C

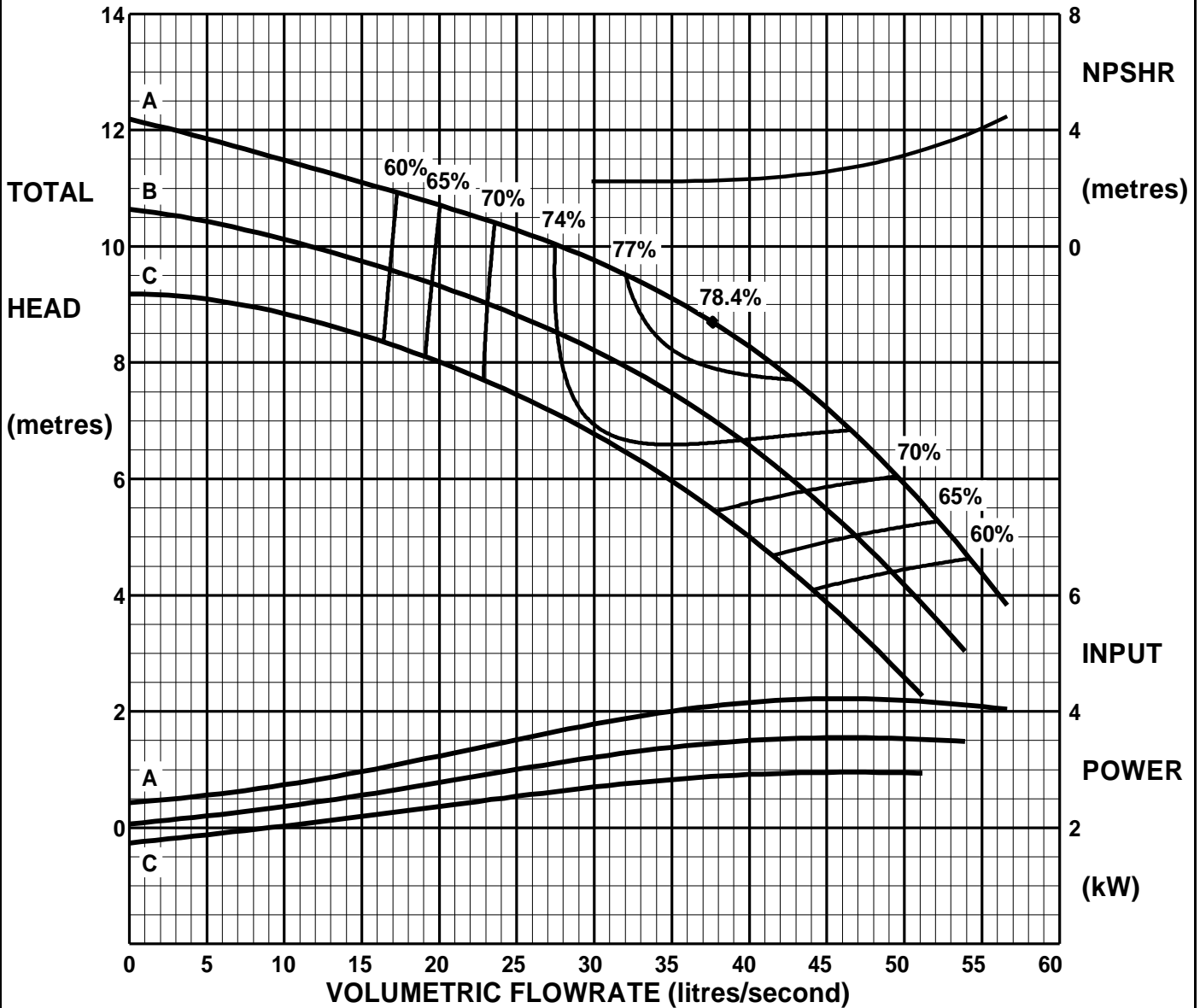
IMPELLER			BOWL		
IMPELLER TRIM A	=	196.8 mm	PUMP LENGTH	=	575 mm
IMPELLER TRIM B	=	187.3 mm	ADDITIONAL STAGES	=	212 mm
IMPELLER TRIM C	=	177.8 mm	MAX. NO. OF STAGES	=	10
EFFECTIVE EYE AREA	=	116.8 cm <sup>2</sup>	MAX. PRESS. HEAD	=	280 m
NUMBER OF VANES	=	7	LATERAL STD	=	18 mm MAX 21 mm
WR <sup>2</sup> PER IMPELLER	=	.042 kg.m <sup>2</sup>	SUCTION SIZE	=	200 mm
MAX. SPHERE SIZE	=	12 mm	DISCHARGE SIZE	=	150/200/250 mm
WEIGHT	=	5 kg	DISCHARGE CASE DIA.	=	244/244/296 mm

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CHANGE EFFIC. AS FOLLOWS	NO. OF POINTS	NO. OF STAGES	 <b>VERTICAL TURBINE PUMPS</b>	PUMP MODEL <b>250RH</b>	CURVE NO. E10342
LOWER	1	1		<b>1470 R.P.M.</b>	DATE
RAISE	1	5		BOWL DIA. 245 mm	Dec-2004
				STANDARD CURVE ILLUSTRATES SINGLE STAGE PERFORMANCE ONLY	K 12.4
LOWER 2 PTS FOR PLAIN BOWL					

EFFICIENCIES SHOWN ARE PUMP EFFICIENCIES - COLUMN & DRIVEHEAD LOSSES ARE NOT INCLUDED




DATA FOR CLEAN COLD WATER ONLY

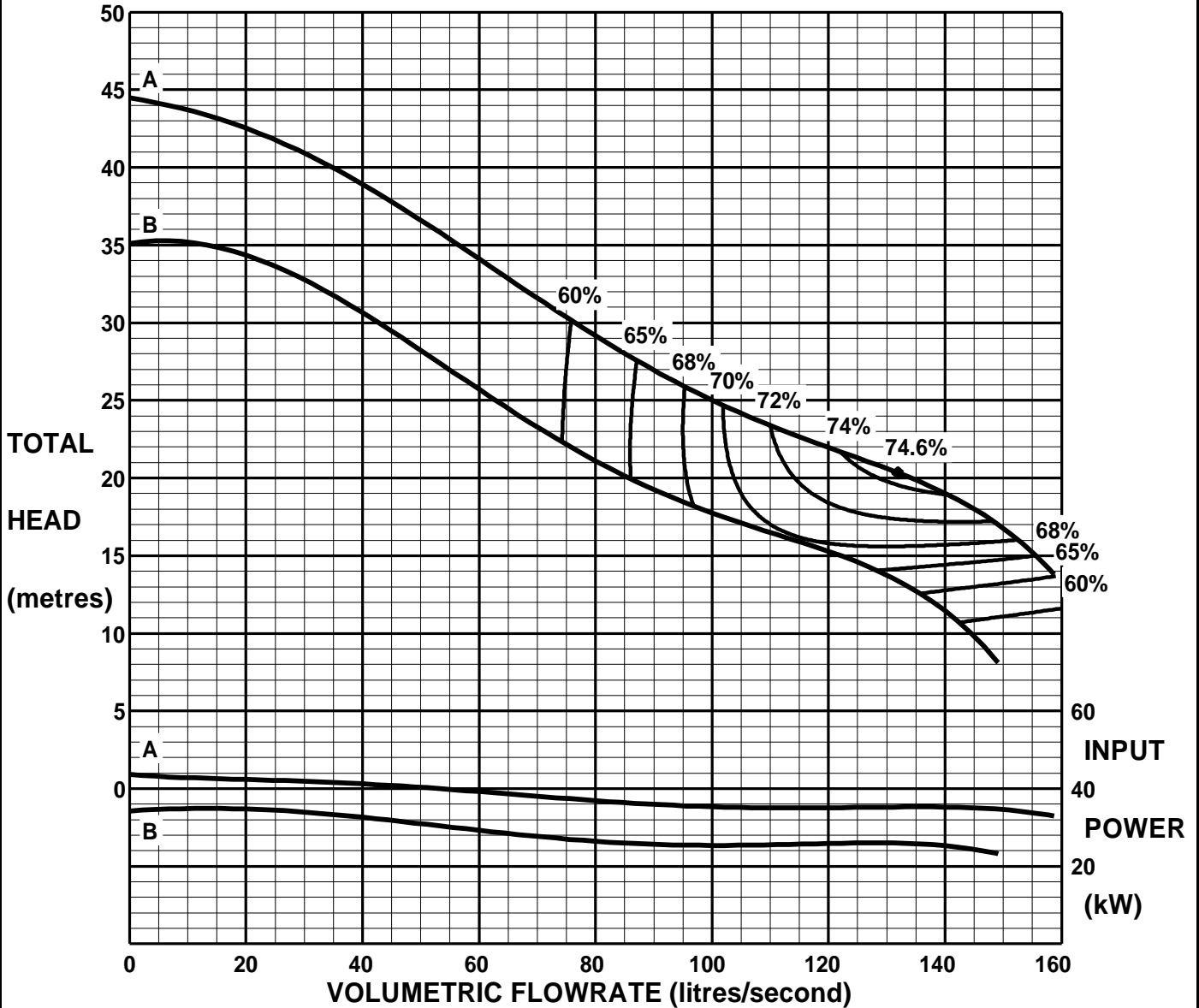
PUMP PERFORMANCE TO AS2417 Pt 2 Class C

IMPELLER			BOWL		
IMPELLER TRIM A	=	196.8 mm	PUMP LENGTH	=	575 mm
IMPELLER TRIM B	=	187.3 mm	ADDITIONAL STAGES	=	212 mm
IMPELLER TRIM C	=	177.8 mm	MAX. NO. OF STAGES	=	10
EFFECTIVE EYE AREA	=	116.8 cm <sup>2</sup>	MAX. PRESS. HEAD	=	280 m
NUMBER OF VANES	=	7	LATERAL STD	=	18 mm MAX 21 mm
WR <sup>2</sup> PER IMPELLER	=	.042 kg.m <sup>2</sup>	SUCTION SIZE	=	200 mm
MAX. SPHERE SIZE	=	12 mm	DISCHARGE SIZE	=	150/200/250 mm
WEIGHT	=	5 ka	DISCHARGE CASE DIA.	=	244/244/296 mm



CHANGE EFFIC. AS FOLLOWS	NO. OF POINTS	NO. OF STAGES	 <b>VERTICAL TURBINE PUMPS</b>	PUMP MODEL <b>250FHM</b>	CURVE NO. E10431
LOWER	2	1		<b>2975 R.P.M.</b>	DATE
LOWER	1	2		BOWL DIA. 245 mm	Dec-2004
LOWER	0	3		STANDARD CURVE ILLUSTRATES SINGLE STAGE PERFORMANCE ONLY	K 20.7
LOWER 2 PTS FOR PLAIN BOWL					


EFFICIENCIES SHOWN ARE PUMP EFFICIENCIES - COLUMN & DRIVEHEAD LOSSES ARE NOT INCLUDED



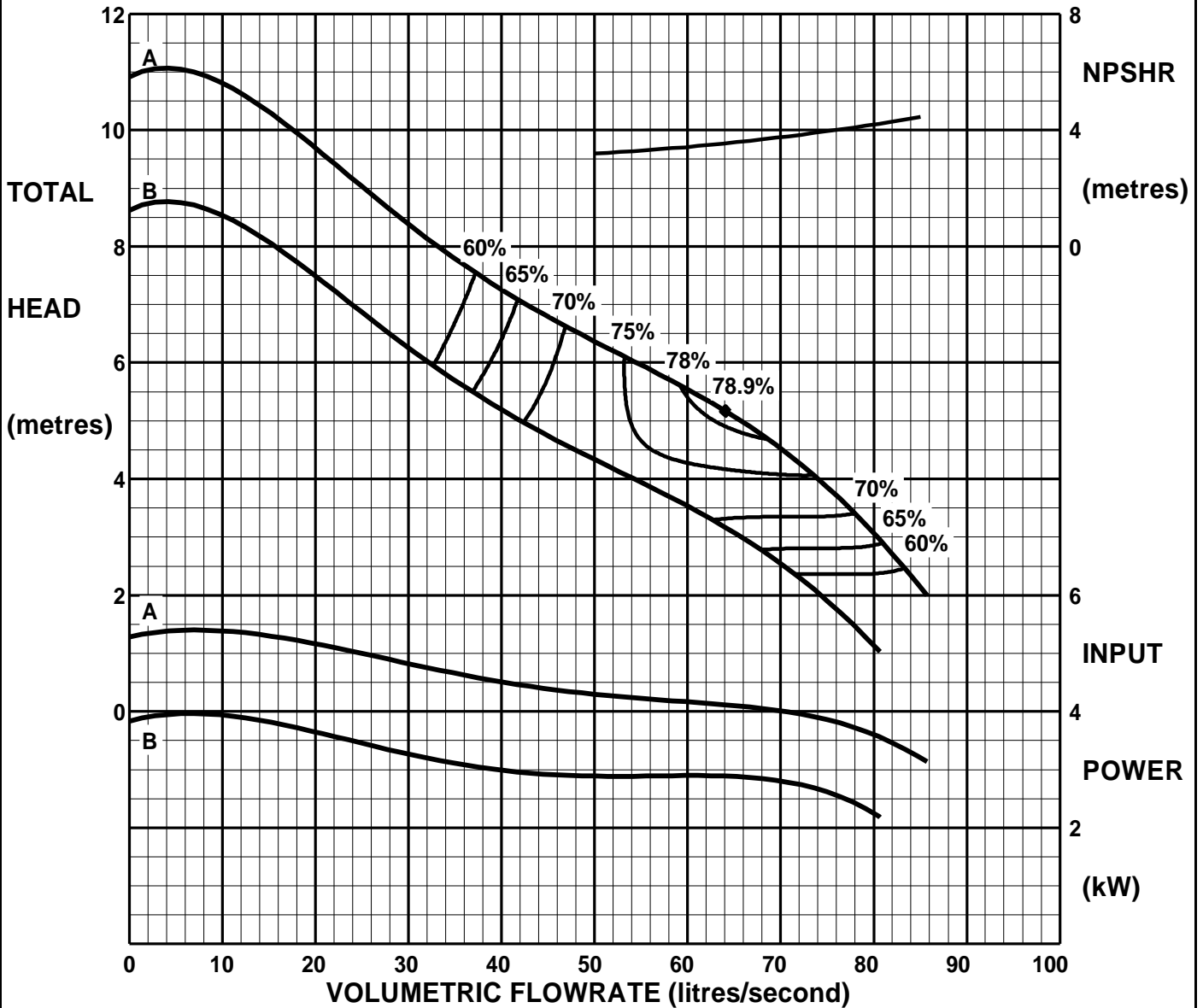
DATA FOR CLEAN COLD WATER ONLY

PUMP PERFORMANCE TO AS2417 Pt 2 Class C

IMPELLER			BOWL		
IMPELLER TRIM A	=	203 mm	PUMP LENGTH	=	685 mm
IMPELLER TRIM B	=	190 mm	ADDITIONAL STAGES	=	222 mm
			MAX. NO. OF STAGES	=	5
EFFECTIVE EYE AREA	=	191.6 cm <sup>2</sup>	MAX. PRESS. HEAD	=	280 m
NUMBER OF VANES	=	5	LATERAL STD	=	13 mm MAX 16 mm
WR <sup>2</sup> PER IMPELLER	=	.0354 kg.m <sup>2</sup>	SUCTION SIZE	=	200 mm
MAX. SPHERE SIZE	=	25 mm	DISCHARGE SIZE	=	150/200/250 mm
WEIGHT	=	7 kg	DISCHARGE CASE DIA.	=	249/249/296 mm

CHANGE EFFIC. AS FOLLOWS	NO. OF POINTS	NO. OF STAGES	 <b>VERTICAL TURBINE PUMPS</b>	PUMP MODEL <b>250FHM</b>	CURVE NO. E10432
LOWER	2	1		<b>1470 R.P.M.</b>	DATE
LOWER	1	2		BOWL DIA. 245 mm	Dec-2004
LOWER	0	3		STANDARD CURVE ILLUSTRATES SINGLE STAGE PERFORMANCE ONLY	K 20.7
LOWER 2 PTS FOR PLAIN BOWL					

EFFICIENCIES SHOWN ARE PUMP EFFICIENCIES - COLUMN & DRIVEHEAD LOSSES ARE NOT INCLUDED



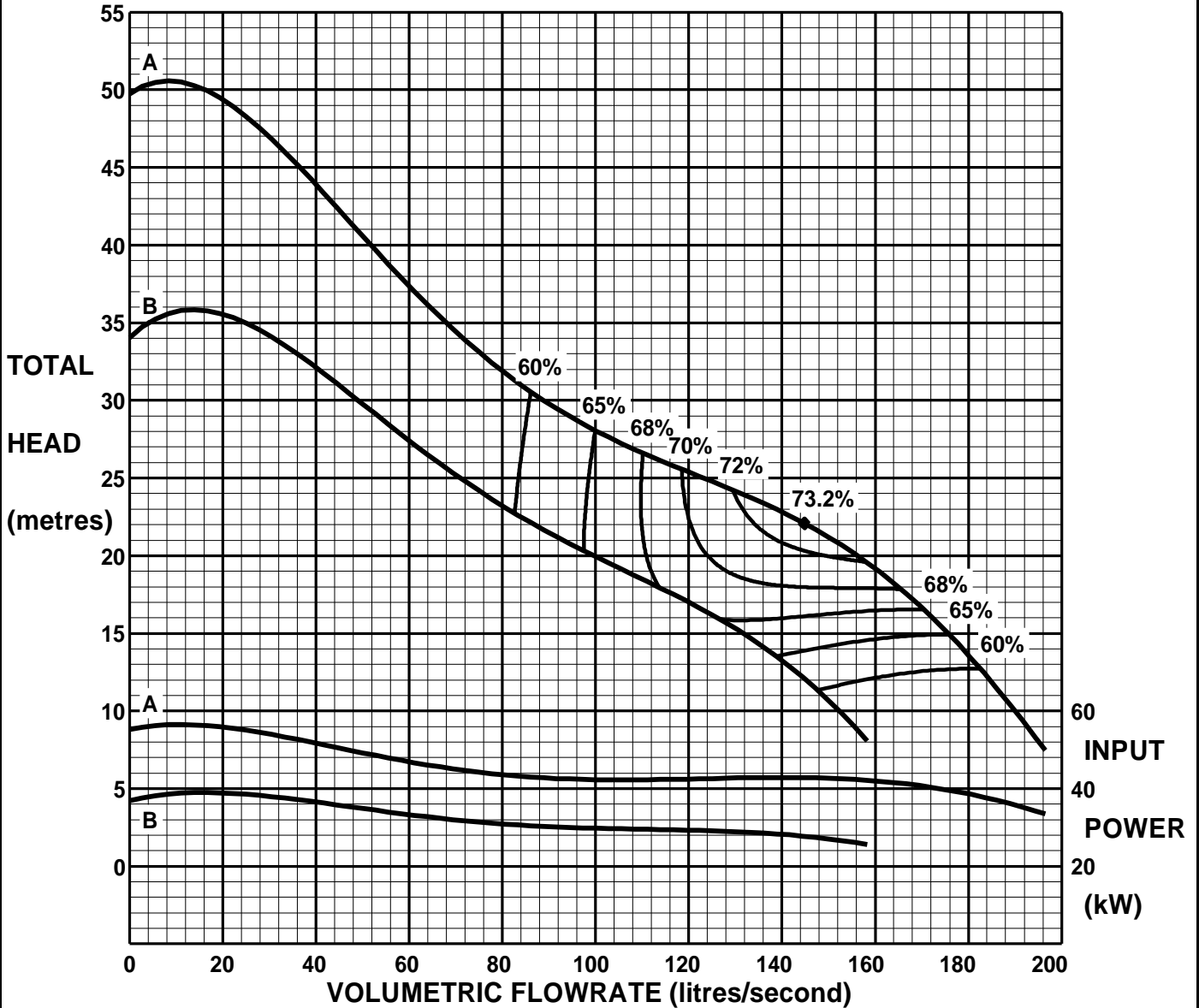
DATA FOR CLEAN COLD WATER ONLY

PUMP PERFORMANCE TO AS2417 Pt 2 Class C

IMPELLER			BOWL		
IMPELLER TRIM A	=	203 mm	PUMP LENGTH	=	685 mm
IMPELLER TRIM B	=	190 mm	ADDITIONAL STAGES	=	222 mm
			MAX. NO. OF STAGES	=	5
EFFECTIVE EYE AREA	=	191.6 cm <sup>2</sup>	MAX. PRESS. HEAD	=	280 m
NUMBER OF VANES	=	5	LATERAL STD	=	13 mm MAX 16 mm
WR <sup>2</sup> PER IMPELLER	=	.0354 kg.m <sup>2</sup>	SUCTION SIZE	=	200 mm
MAX. SPHERE SIZE	=	25 mm	DISCHARGE SIZE	=	150/200/250 mm
WEIGHT	=	7 kg	DISCHARGE CASE DIA.	=	249/249/296 mm

CHANGE EFFIC. AS FOLLOWS	NO. OF POINTS	NO. OF STAGES	 <b>VERTICAL TURBINE PUMPS</b>	PUMP MODEL <b>250FHH</b>	CURVE NO. E10441
LOWER	2	1		<b>2980 R.P.M.</b>	
LOWER	1	2		BOWL DIA. 245 mm	DATE Dec-2004
LOWER	0	3		STANDARD CURVE ILLUSTRATES SINGLE STAGE PERFORMANCE ONLY	K 20.7
LOWER	0	0			
LOWER 2 PTS FOR PLAIN BOWL					

EFFICIENCIES SHOWN ARE PUMP EFFICIENCIES - COLUMN & DRIVEHEAD LOSSES ARE NOT INCLUDED




DATA FOR CLEAN COLD WATER ONLY

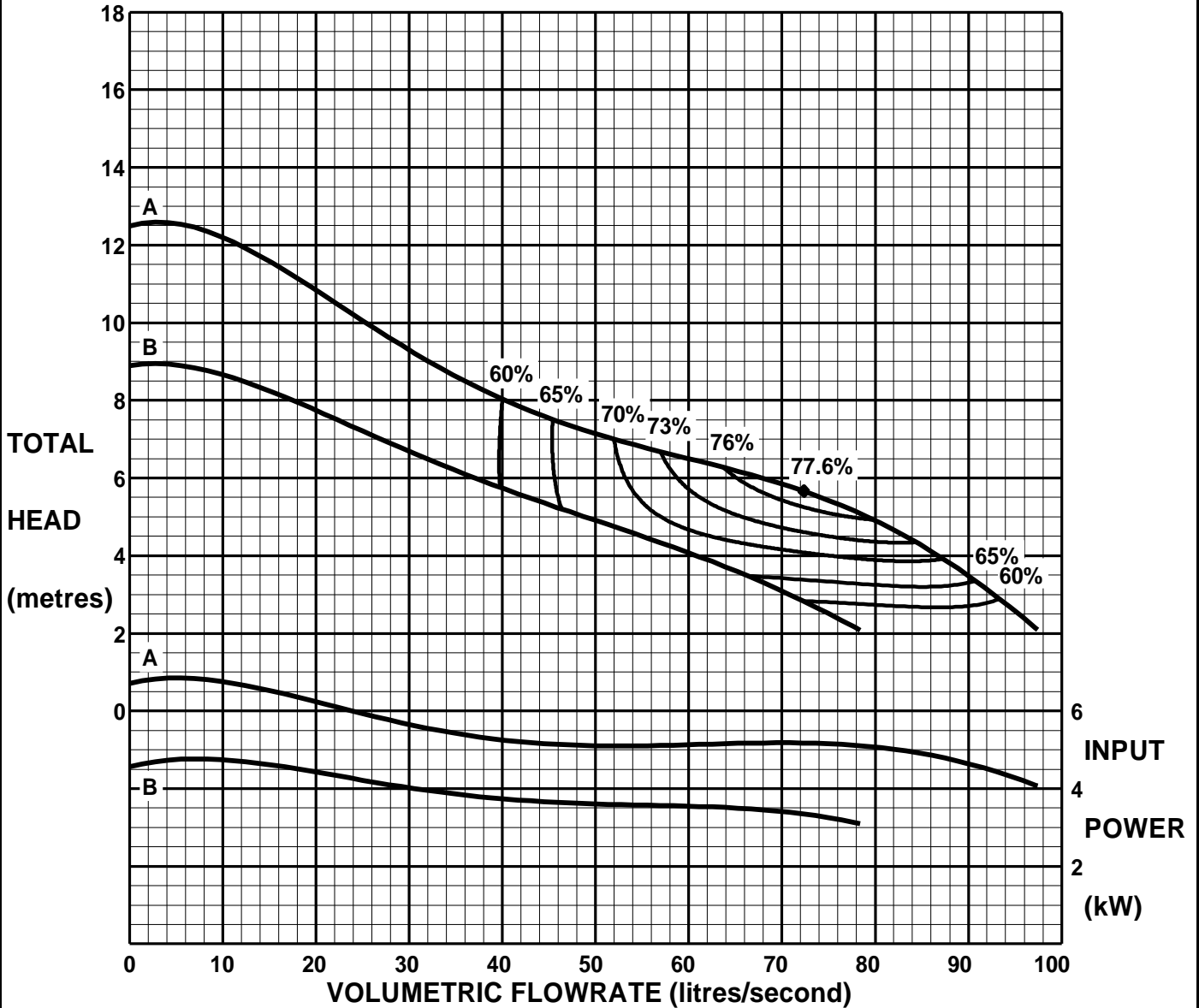
PUMP PERFORMANCE TO AS2417 Pt 2 Class C

IMPELLER			BOWL		
IMPELLER TRIM A	=	203 mm	PUMP LENGTH	=	685 mm
IMPELLER TRIM B	=	190 mm	ADDITIONAL STAGES	=	222 mm
EFFECTIVE EYE AREA	=	191.6 cm <sup>2</sup>	MAX. NO. OF STAGES	=	5
NUMBER OF VANES	=	7	MAX. PRESS. HEAD	=	685 m
WR <sup>2</sup> PER IMPELLER	=	.0354 kg.m <sup>2</sup>	LATERAL STD	=	9.5 mm MAX 15.2 mm
MAX. SPHERE SIZE	=	31 mm	SUCTION SIZE	=	200 mm
WEIGHT	=	8 kg	DISCHARGE SIZE	=	150/200/250 mm
			DISCHARGE CASE DIA.	=	249/249/296 mm



CHANGE EFFIC. AS FOLLOWS	NO. OF POINTS	NO. OF STAGES	 <b>VERTICAL TURBINE PUMPS</b>	PUMP MODEL <b>250FHH</b>	CURVE NO. E10442
LOWER	2	1		<b>1475 R.P.M.</b>	DATE
LOWER	1	2		BOWL DIA. 245 mm	Dec-2004
LOWER	0	3		STANDARD CURVE ILLUSTRATES SINGLE STAGE PERFORMANCE ONLY	K 20.7
LOWER 2 PTS FOR PLAIN BOWL					


EFFICIENCIES SHOWN ARE PUMP EFFICIENCIES - COLUMN & DRIVEHEAD LOSSES ARE NOT INCLUDED



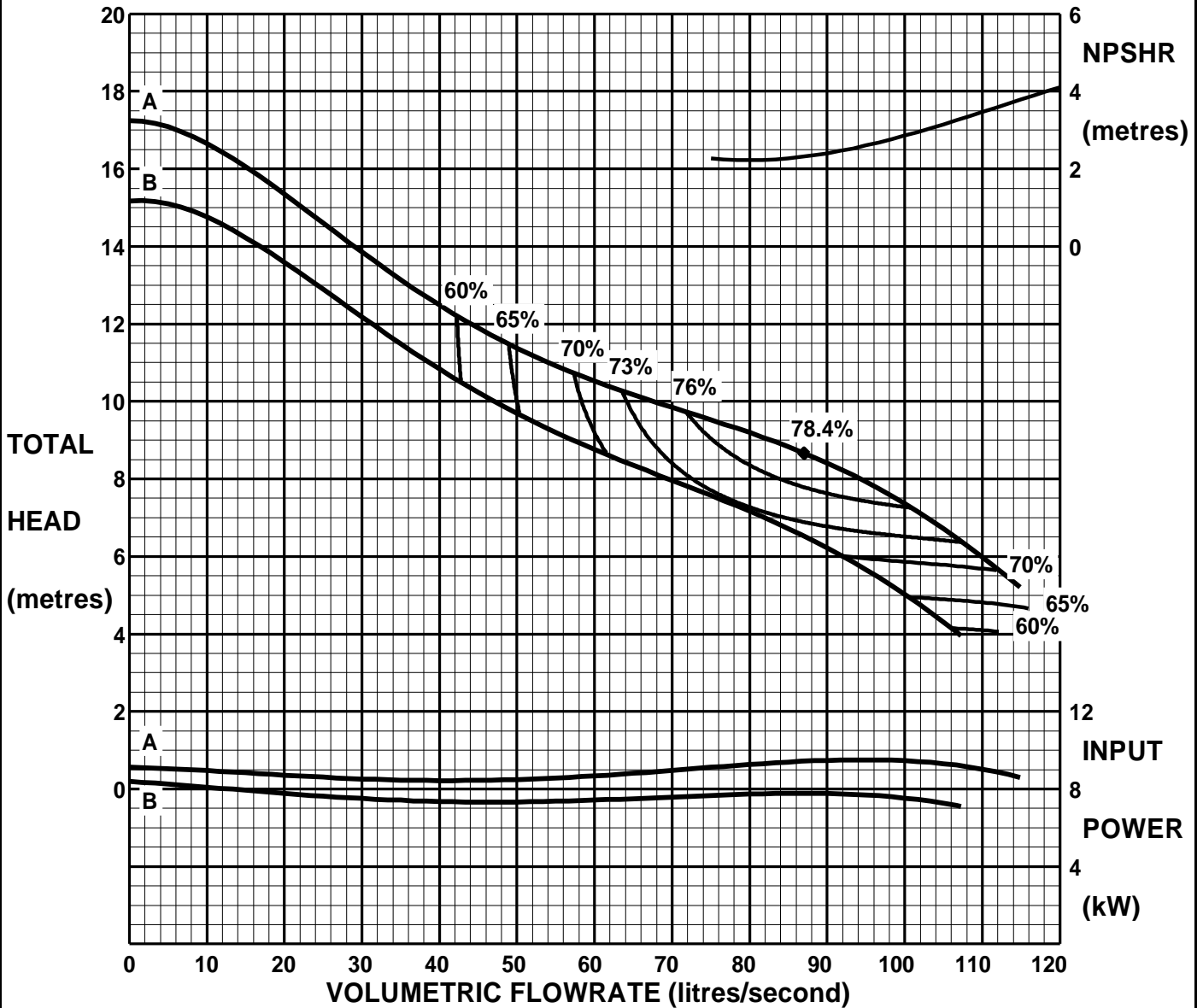
DATA FOR CLEAN COLD WATER ONLY

PUMP PERFORMANCE TO AS2417 Pt 2 Class C

IMPELLER			BOWL		
IMPELLER TRIM A	=	203 mm	PUMP LENGTH	=	685 mm
IMPELLER TRIM B	=	190 mm	ADDITIONAL STAGES	=	222 mm
			MAX. NO. OF STAGES	=	5
EFFECTIVE EYE AREA	=	191.6 cm <sup>2</sup>	MAX. PRESS. HEAD	=	280 m
NUMBER OF VANES	=	7	LATERAL STD	=	13 mm MAX 16 mm
WR <sup>2</sup> PER IMPELLER	=	.0354 kg.m <sup>2</sup>	SUCTION SIZE	=	200 mm
MAX. SPHERE SIZE	=	31 mm	DISCHARGE SIZE	=	150/200/250 mm
WEIGHT	=	8 kg	DISCHARGE CASE DIA.	=	249/249/296 mm

CHANGE EFFIC. AS FOLLOWS	NO. OF POINTS	NO. OF STAGES	 <b>VERTICAL TURBINE PUMPS</b>	PUMP MODEL <b>300FHXM</b>	CURVE NO. E12211
LOWER	3	1		<b>1475 R.P.M.</b>	DATE
LOWER	1	2		BOWL DIA. 290 mm	Dec-2004
LOWER	0	3		STANDARD CURVE ILLUSTRATES SINGLE STAGE PERFORMANCE ONLY	K 24.5
RAISE	1	6			
LOWER 2 PTS FOR PLAIN BOWL					

EFFICIENCIES SHOWN ARE PUMP EFFICIENCIES - COLUMN & DRIVEHEAD LOSSES ARE NOT INCLUDED




DATA FOR CLEAN COLD WATER ONLY

PUMP PERFORMANCE TO AS2417 Pt 2 Class C

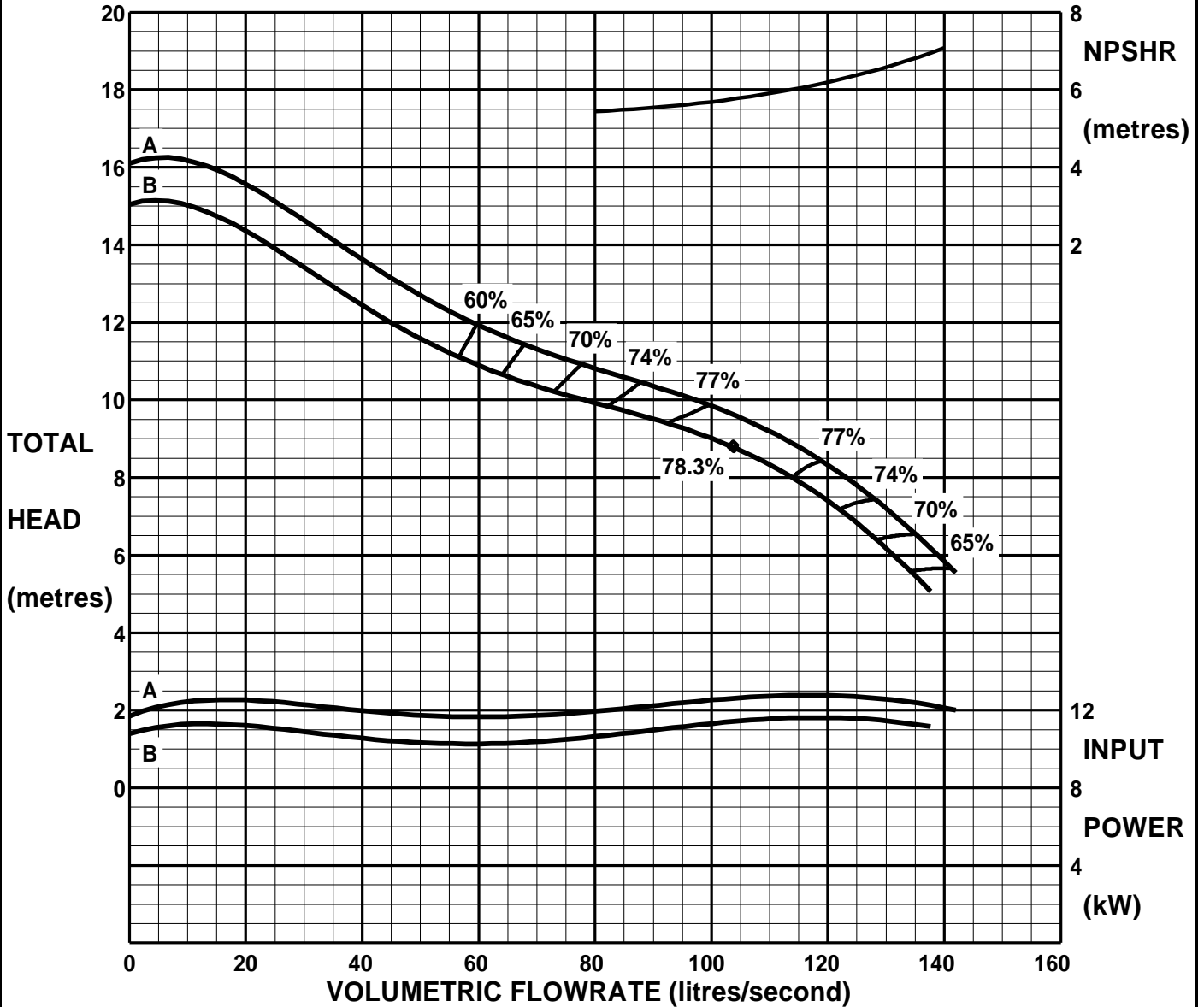
IMPELLER			BOWL		
IMPELLER TRIM A	=	240.5 mm	PUMP LENGTH	=	775 mm
IMPELLER TRIM B	=	231.8 mm	ADDITIONAL STAGES	=	280 mm
EFFECTIVE EYE AREA	=	233 cm <sup>2</sup>	MAX. NO. OF STAGES	=	10
NUMBER OF VANES	=	5	MAX. PRESS. HEAD	=	280 m
WR <sup>2</sup> PER IMPELLER	=	.054 kg.m <sup>2</sup>	LATERAL STD	=	22 mm MAX 25 mm
MAX. SPHERE SIZE	=	38 mm	SUCTION SIZE	=	250 mm
WEIGHT	=	9 kg	DISCHARGE SIZE	=	200/250 mm
			DISCHARGE CASE DIA.	=	286/299 mm

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CHANGE EFFIC. AS FOLLOWS	NO. OF POINTS	NO. OF STAGES	 <b>VERTICAL TURBINE PUMPS</b>	PUMP MODEL <b>300FHM</b>	CURVE NO. E12231
LOWER	3	1		<b>1480 R.P.M.</b>	DATE
LOWER	1	2		BOWL DIA. 290 mm	Dec-2004
LOWER	0	3		STANDARD CURVE ILLUSTRATES SINGLE STAGE PERFORMANCE ONLY	K 24.5
RAISE	1	6			
LOWER 2 PTS FOR PLAIN BOWL					

EFFICIENCIES SHOWN ARE PUMP EFFICIENCIES - COLUMN & DRIVEHEAD LOSSES ARE NOT INCLUDED



DATA FOR CLEAN COLD WATER ONLY

PUMP PERFORMANCE TO AS2417 Pt 2 Class C

IMPELLER			BOWL		
IMPELLER TRIM A	=	240.5 mm	PUMP LENGTH	=	775 mm
IMPELLER TRIM B	=	231.8 mm	ADDITIONAL STAGES	=	280 mm
			MAX. NO. OF STAGES	=	10
EFFECTIVE EYE AREA	=	241.3 cm <sup>2</sup>	MAX. PRESS. HEAD	=	280 m
NUMBER OF VANES	=	4	LATERAL STD	=	16 mm MAX 19 mm
WR <sup>2</sup> PER IMPELLER	=	.0708 kg.m <sup>2</sup>	SUCTION SIZE	=	250 mm
MAX. SPHERE SIZE	=	38 mm	DISCHARGE SIZE	=	200/250 mm
WEIGHT	=	10 kg	DISCHARGE CASE DIA.	=	286/299 mm

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