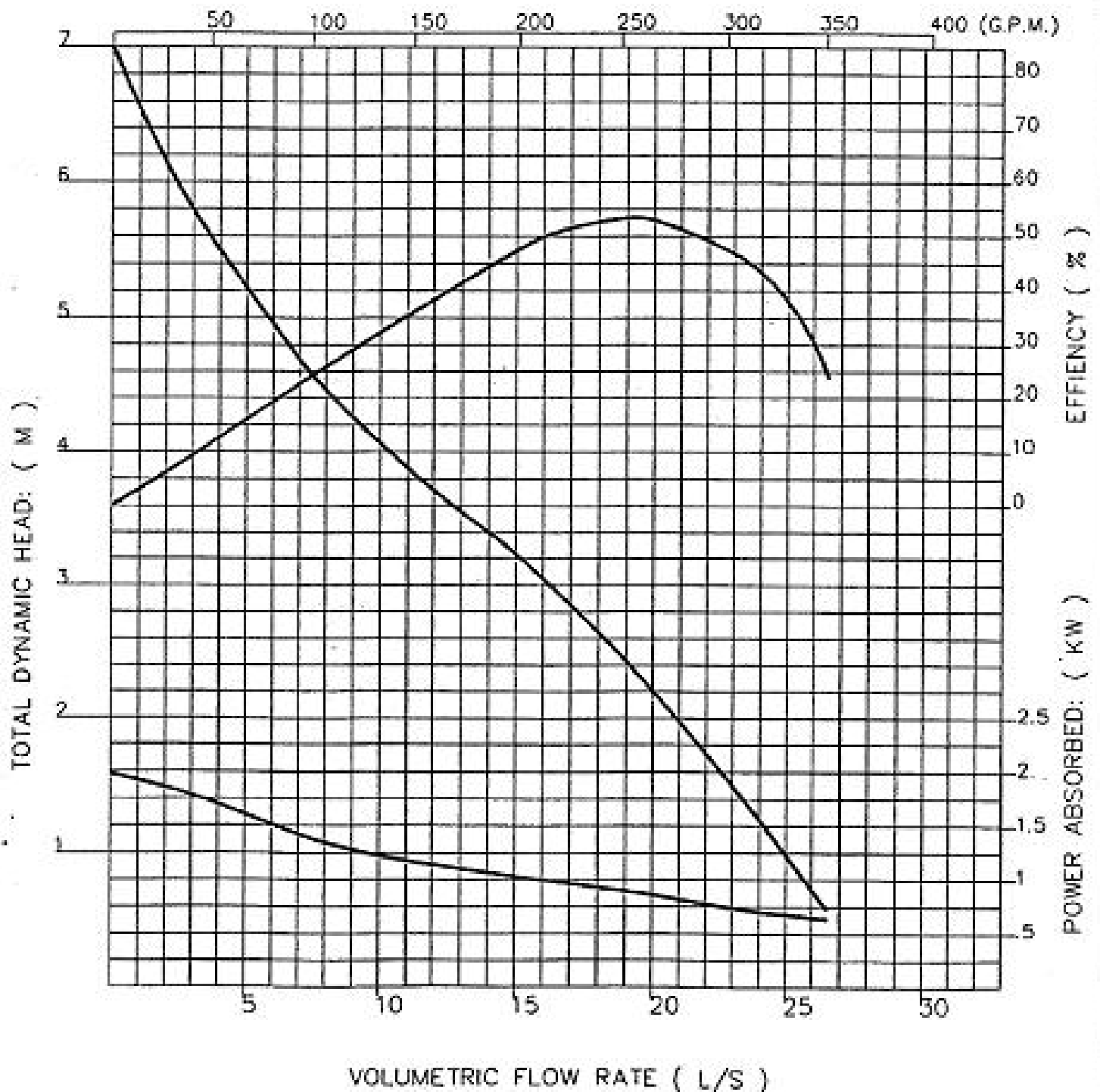


BATESCREW IMPELLER PERFORMANCE

4-5-2

SINGLE STAGE

Efficiency Change per Stage.				Impeller No: 4-5-2	
No. of Stages.	% Change.	Maximum Stages:	8	Curve No:	103-4
1	0	Maximum Trim:	102mm	Speed:	2880 RPM CW
2	0	No. of Vanes:	3	Trim:	FULL
3	0	Impeller Material:	AB2BR	Date:	10/10/90
Power will be affected by % change. AS-2417 Part 2, Class C.		Bowl Material:	C.I. T220	IMPELLER TYPE Axial Flow. **** Mixed Flow. Centrifugal. Open. **** Closed.	
One stage Length:	209mm	Shaft Material:	431 SS		
Extra stage Length:	106mm	Bush Material:	EPDM	Maximum Speed:	3300 RPM
Min. Submerge:	300mm	Max. Sphere Size:	22mm	Minimum Speed:	1050 RPM
Eye Area:	8107mm ²	Max. Bowl Diameter:	229mm		
Thrust Constant:		Max. Pressure Head:	20M		
Std. Axial Clearance:	10mm	Suit Pump Models:	4/4, Portax 105.		

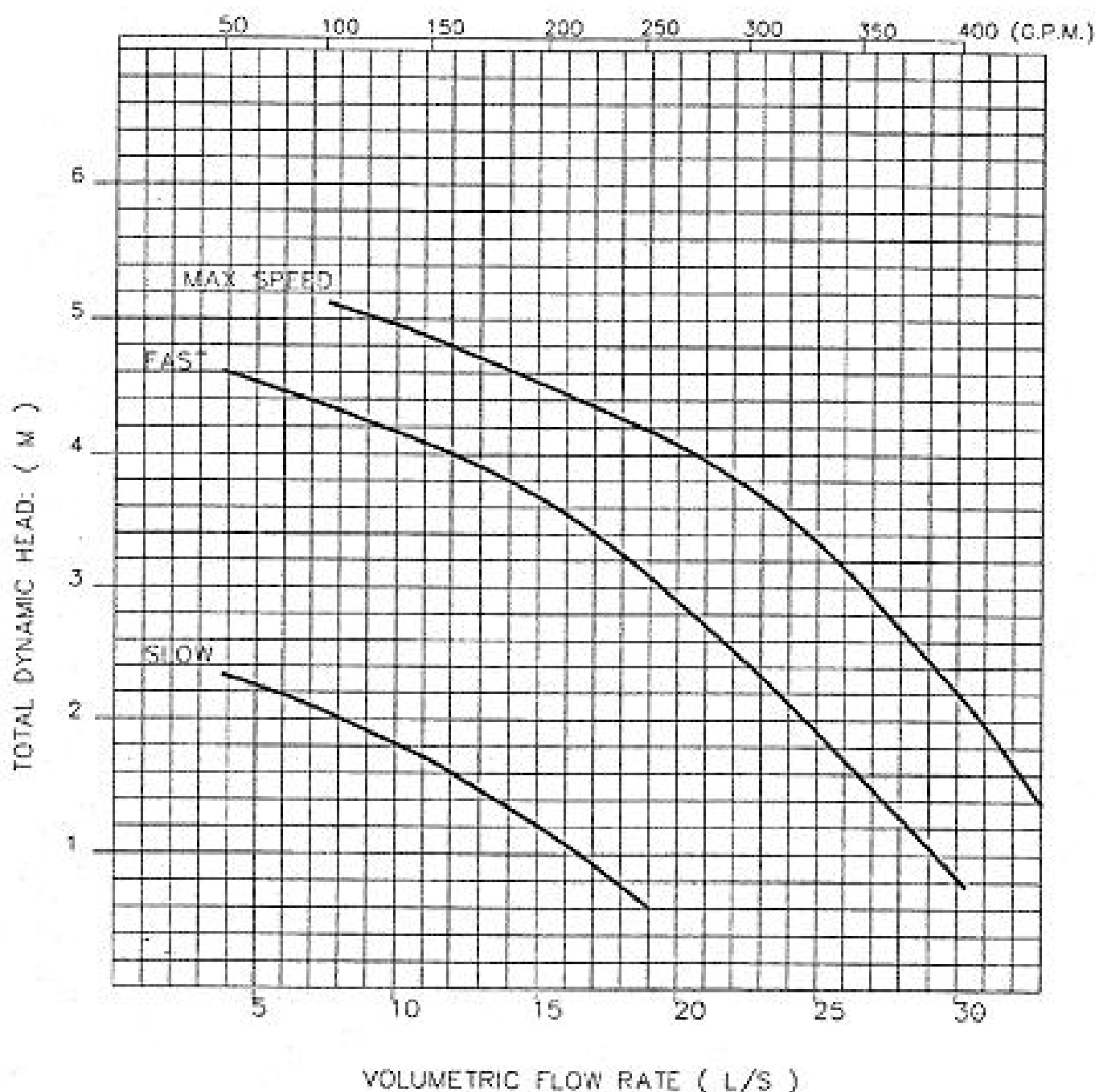


BATESCREW IMPELLER PERFORMANCE

4-5-2

SINGLE STAGE

Efficiency Change per Stage.				Impeller No: 4-5-2	
No. of Stages.	% Change.	Maximum Stages:		Curve No: 1015-12	
1	0	Maximum Trim:	101mm	Speed: Variable CW	
2	-	No. of Vanes:	3	Trim: FULL	
3	-	Impeller Material:	AB2BR	Date: 20/11/90	
Power will be affected by % change. AS-2417 Part 2, Class C.		Bowl Material:	C.I. T220	IMPELLER TYPE Axial Flow. Mixed Flow. Centrifugal. Open. Closed.	
One stage Length:	210mm	Shaft Material:	431 SS		
Extra stage Length:	107mm	Bush Material:	EPDM		
Min. Submerge:	100mm	Max. Sphere Size:	18mm		
Eye Area:	8107mm ²	Max. Bowl Diameter:	267mm	Max. Pressure Head:	000M
Thrust Constant:	-	Suit Pump Models:		Maximum Speed:	3800 RPM
Std. Axial Clearance:	12mm	Portax 105 with Honda GXV120		Minimum Speed:	1100 RPM

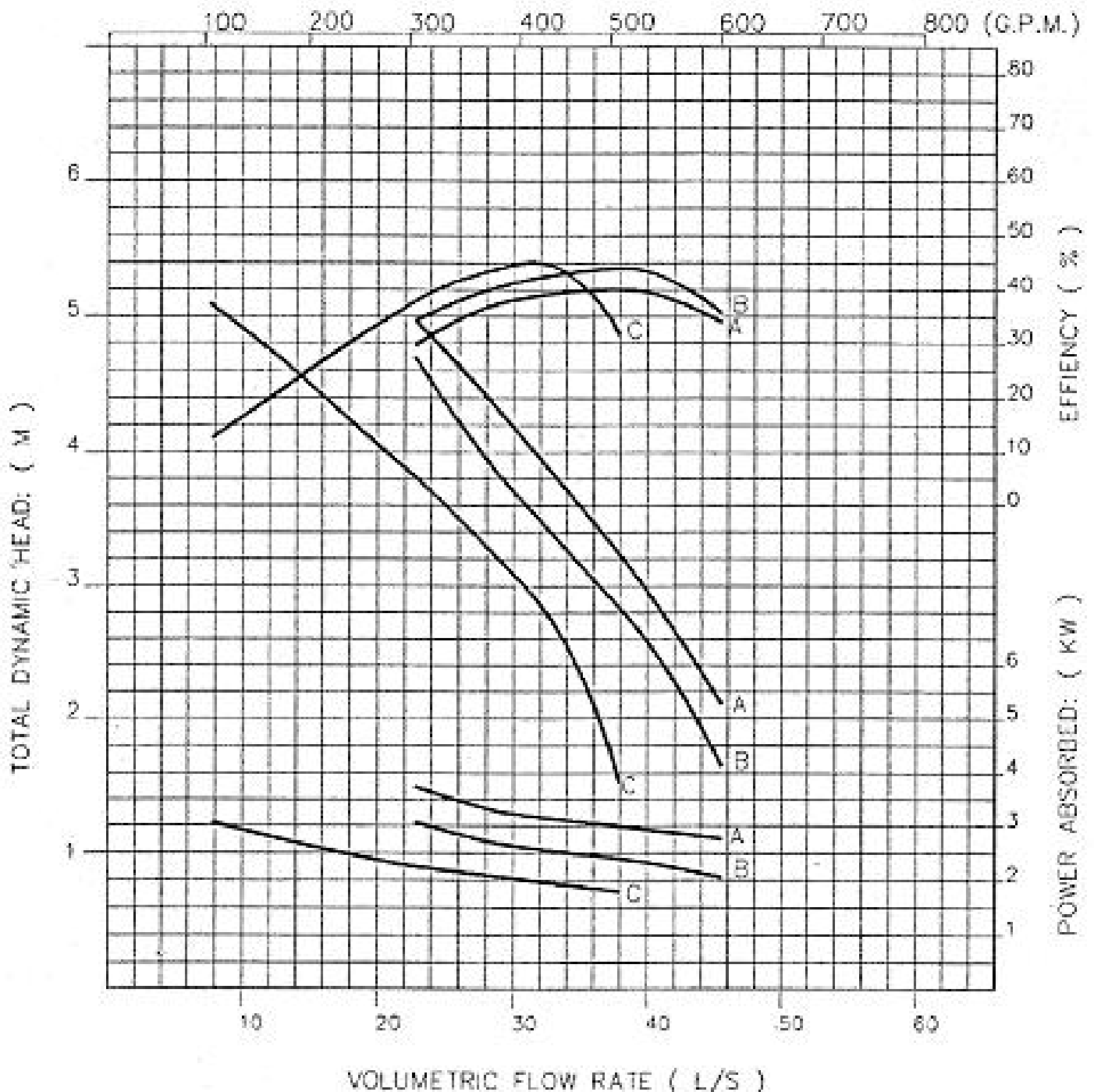


BATESCREW IMPELLER PERFORMANCE

5-6-2.5

SINGLE STAGE

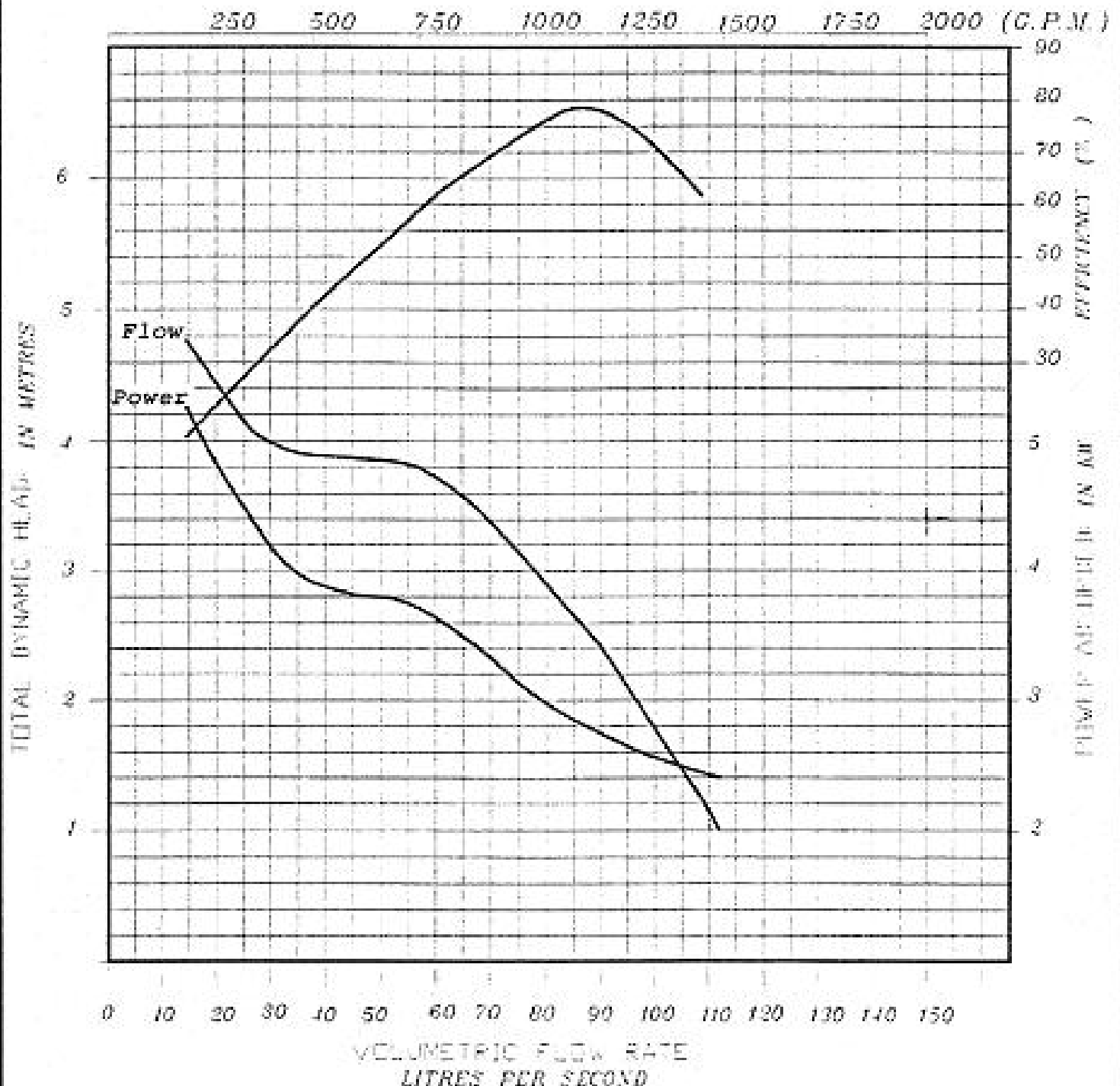
Efficiency Change per Stage. No. of Stages. % Change. 1 0 2 0 3 0 Power will be affected by % change. AS-2417 Part 2, Class C.		Maximum Stages: 8 Maximum Trim: 127mm No. of Vanes: 3 Impeller Material: AB2BR Bowl Material: C.I. T220 Shaft Material: 431 SS Bush Material: EPDM Max. Sphere Size: 25mm Max. Bowl Diameter: 305mm Max. Pressure Head: 25M Suit Pump Models: 5/6, Portax 150	Impeller No: 5-6-2.5 Curve No: 1014-1 Speed: 2905 RPM CW Trim: A, B, & C. Date: 29/10/90
One stage Length: 478mm Extra stage Length: 125mm Min. Submerge: 450mm Eye Area: 127cm ² Thrust Constant: Std. Axial Clearance: 8mm	Bowl Material: C.I. T220 Shaft Material: 431 SS Bush Material: EPDM Max. Sphere Size: 25mm Max. Bowl Diameter: 305mm Max. Pressure Head: 25M Suit Pump Models: 5/6, Portax 150	IMPELLER TYPE Axial Flow. **** Mixed Flow. Centrifugal. Open. **** Closed.	
		Maximum Speed: 3500 RPM Minimum Speed: 1000 RPM	



BATESCREW IMPELLER PERFORMANCE 7-10.5-3.5

SINGLE STAGE

Efficiency Change per Stage.		Maximum Stages:		Impeller No: 7 - 10.5 - 3.5	
No. of Stages.	% Change.			Curve No: 2011-18	
1	0	Maximum Trim:	6	Speed: 1475 RPM CW	
2	0	No. of Vanes:	178mm	Trim: FULL	
3	0	Impeller Material:	4	Date: 18/04/96	
Power will be affected by % change. AS-2417 Part 2, Class C.		Bowl Material:	AB2BR	IMPELLER TYPE Axial Flow, **** Mixed Flow, Centrifugal, Open, **** Closed.	
One stage Length:	314mm	Shaft Material:	C.I. T220		
Extra stage Length:	200mm	Bush Material:	431 SS	Maximum Speed:	2400 RPM
Min. Submerge:	914mm	Max. Sphere Size:	EPDM	Minimum Speed:	600 RPM
Eye Area:	186cm ²	Max. Bowl Diameter:	25mm		
Thrust Constant:		Max. Pressure Head:	292mm		
Std. Axial Clearance:	12mm	Suit Pump Models:	24M		
			7/7, 7/9, 7/11.		

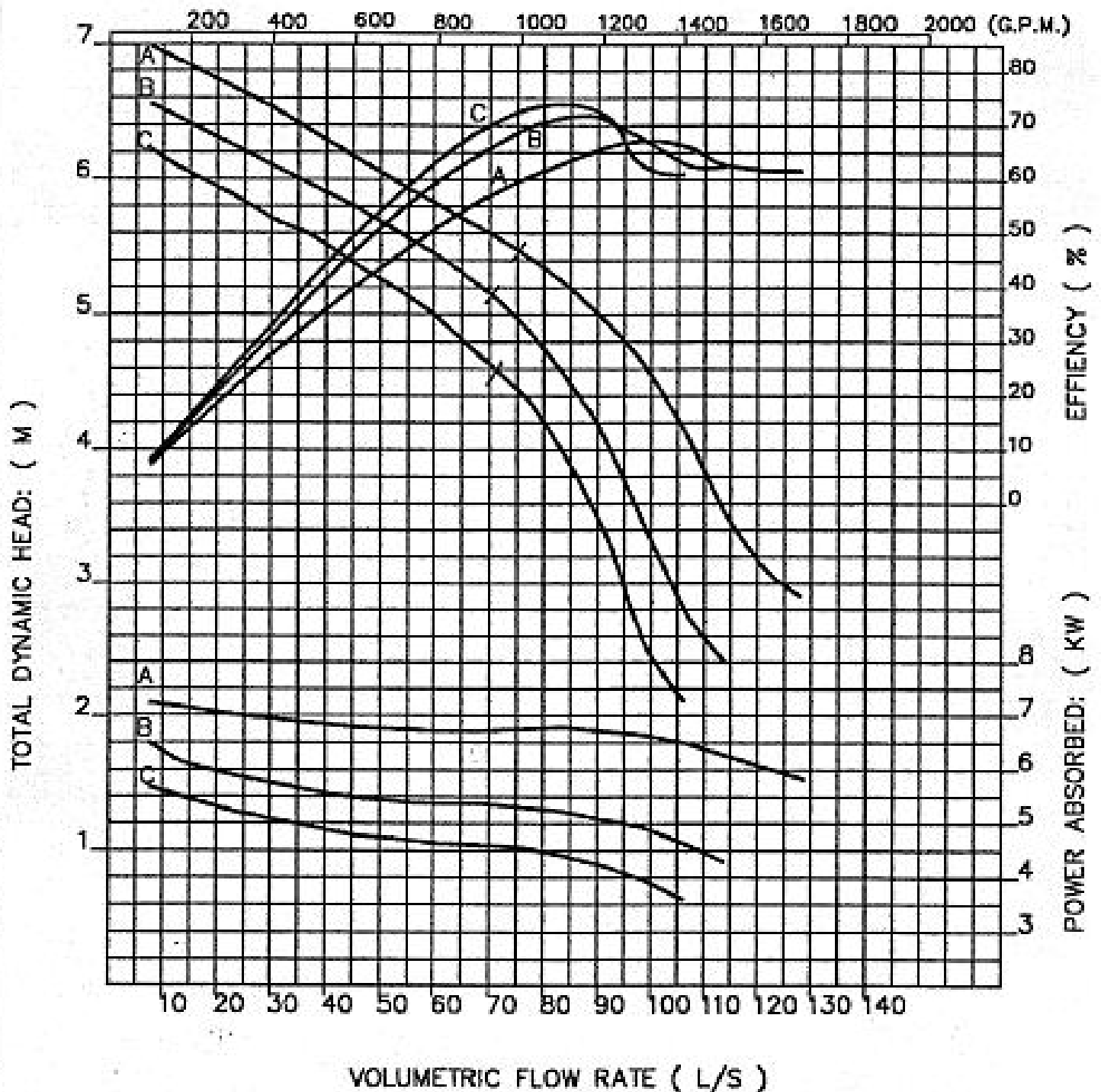


BATESCREW IMPELLER PERFORMANCE

9-8-4.5

SINGLE STAGE

Efficiency Change per Stage. No. of Stages. % Change. 1 0 2 0 3 0 Power will be affected by % change. AS-2417 Part 2, Class C.		Maximum Stages: 5 Maximum Trim: 229mm No. of Vanes: 4 Impeller Material: AB2BR Bowl Material: C.I. T220 Shaft Material: 431 SS Bush Material: LB2BR/EPDM Max. Sphere Size: 25mm Max. Bowl Diameter: 381mm Max. Pressure Head: 30M Suit Pump Models: 9/9, 9/11.	Impeller No: 9 - 8 - 4.5 Curve No: 1089 Speed: 1470 RPM CW Trim: A, B, & C, Date: 23/01/89
One stage Length: 368/470mm Extra stage Length: 235mm Min. Submerge: 1100mm Eye Area: 308cm ² Thrust Constant: Std. Axial Clearance: 10mm	Maximum Speed: 2000 RPM Minimum Speed: 600RPM	IMPELLER TYPE Axial Flow. Mixed Flow. Centrifugal. Open. Closed.	

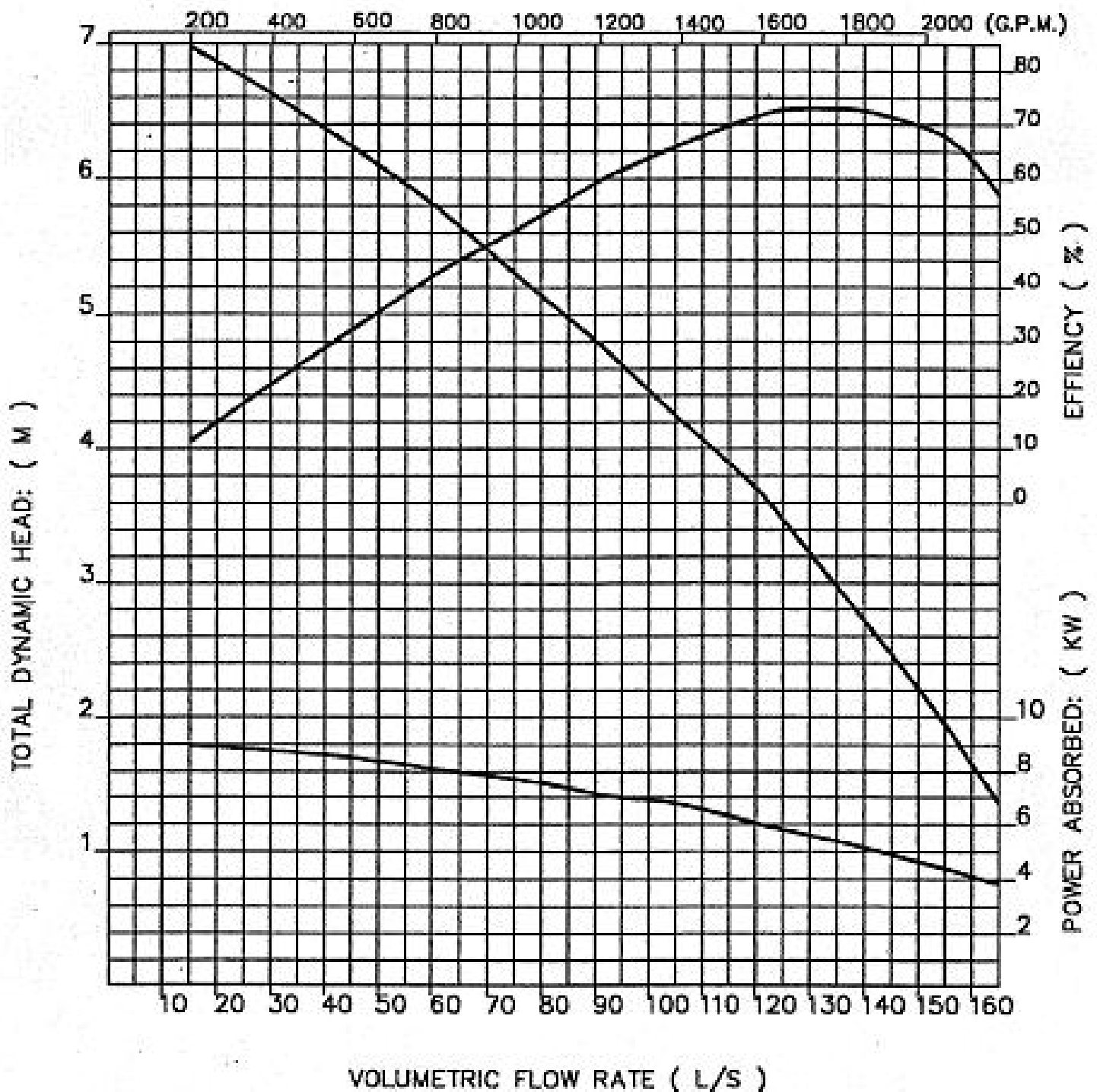


BATESCREW IMPELLER PERFORMANCE

9-9-3

SINGLE STAGE

Efficiency Change per Stage				Impeller No: 9-9-3	
No. of Stages	% Change	Maximum Stages:		Curve No: OTB-1-015	
1	0	Maximum Trim:	229mm	Speed: 1470 RPM CW	
2	0	No. of Vanes:	3	Trim: FULL	
3	0	Impeller Material:	AB2BR	Date: 8/08/72	
Power will be affected by % change. AS-2417 Part 2, Class C.		Bowl Material:	C.I. T220	IMPELLER TYPE Axial Flow. **** Mixed Flow. Centrifugal. Open. **** Closed.	
One stage Length:	362mm	Shaft Material:	431 SS		
Extra stage Length:	210mm	Bush Material:	LB2BR/EPDM		
Min. Submerge:	1140mm	Max. Sphere Size:	30mm		
Eye Area:	365cm ²	Max. Bowl Diameter:	381mm	Max. Pressure Head:	25M
Thrust Constant:		Suit Pump Models:		Maximum Speed:	2000 RPM
Std. Axial Clearance:	12mm		9/9 9/11, 9/14.	Minimum Speed:	600RPM

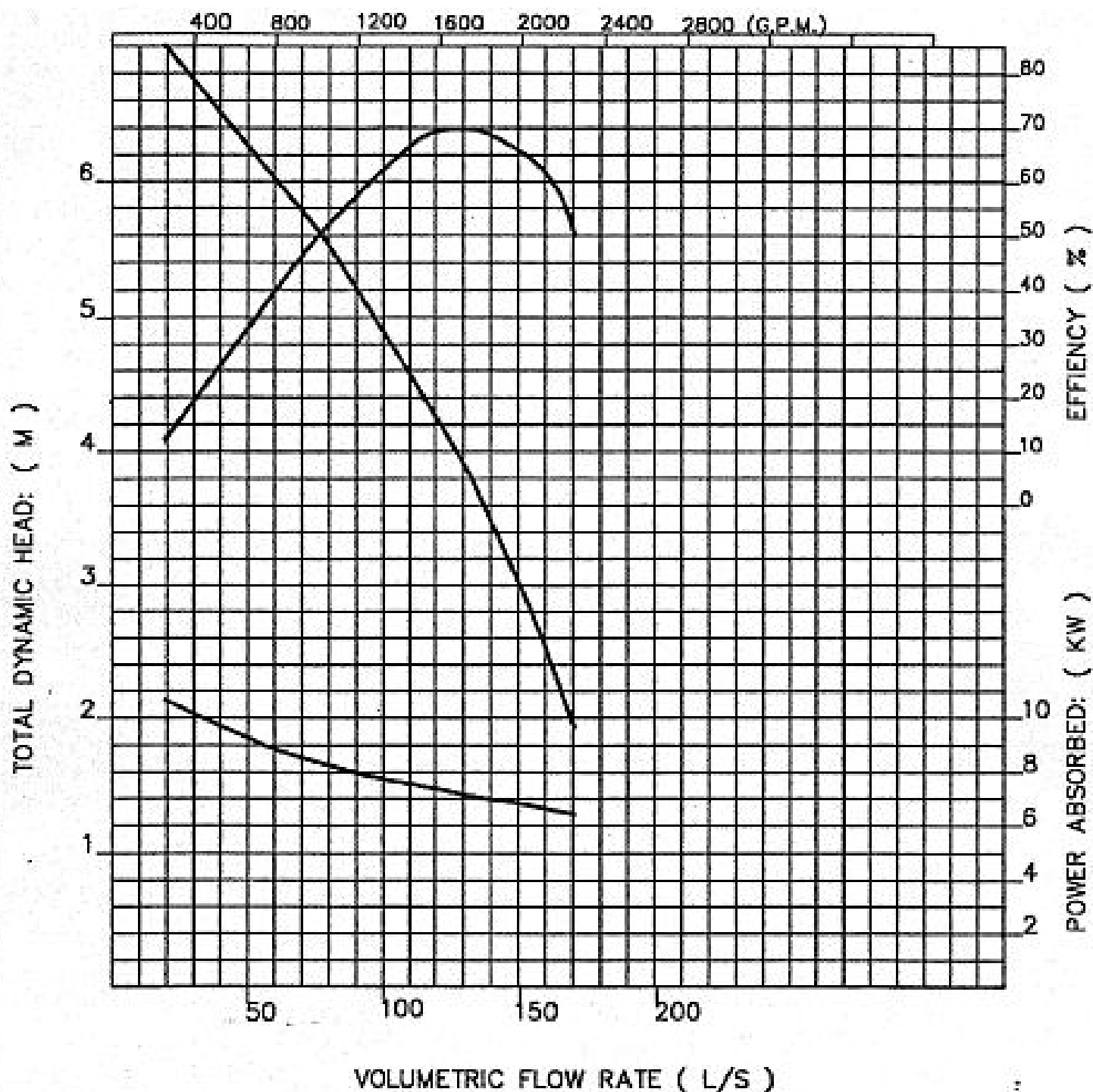


BATESCREW IMPELLER PERFORMANCE

9-12-3

SINGLE STAGE

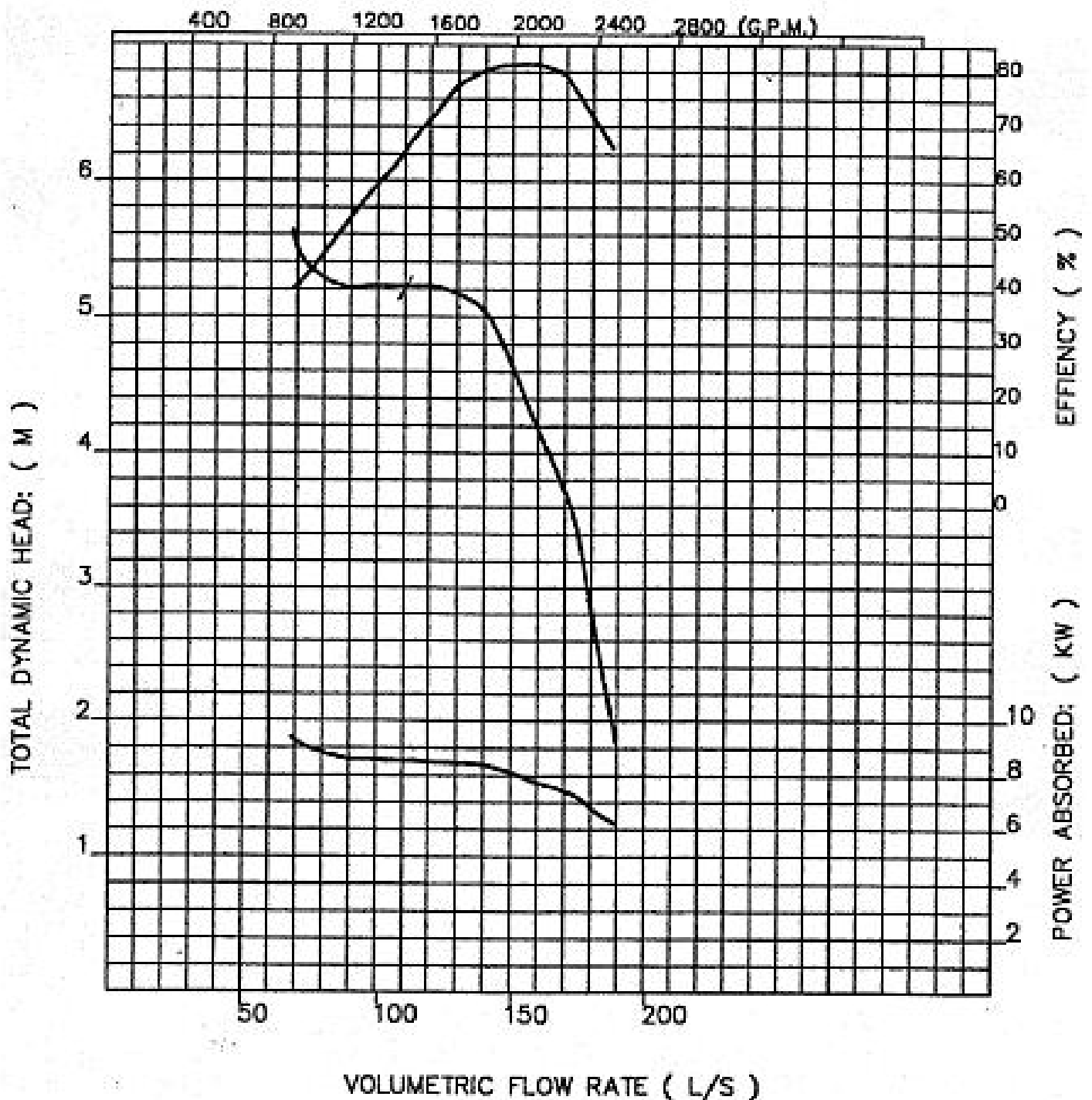
Efficiency Change per Stage.				Impeller No: 9-12-3	
No. of Stages.	% Change.	Maximum Stages:		Curve No: OTB-1-01A	
1	0	Maximum Trim:	229mm	Speed: 1470 RPM	
2	0	No. of Vanes:	3	Trim: FULL	
3	0	Impeller Material:	AB2BR	Date: 10/06/72	
Power will be affected by % change, AS-2417 Part 2, Class C.		Bowl Material:	C.I. T220	IMPELLER TYPE Axial Flow. **** Mixed Flow. Centrifugal. Open. **** Closed.	
One stage Length: 362mm		Shaft Material:	431 SS		
Extra stage Length: 210mm		Bush Material:	LB2BR/EPDM		
Min. Submerge: 1140mm		Max. Sphere Size:	30mm		
Eye Area: 365cm ²		Max. Bowl Diameter:	381mm	Max. Pressure Head:	25M
Thrust Constant:		Suit Pump Models:		Maximum Speed:	2000 RPM
Std. Axial Clearance: 12mm		9/9, 9/11, 9/14.		Minimum Speed:	600 RPM



BATESCREW IMPELLER PERFORMANCE 9-12-4.5

SINGLE STAGE

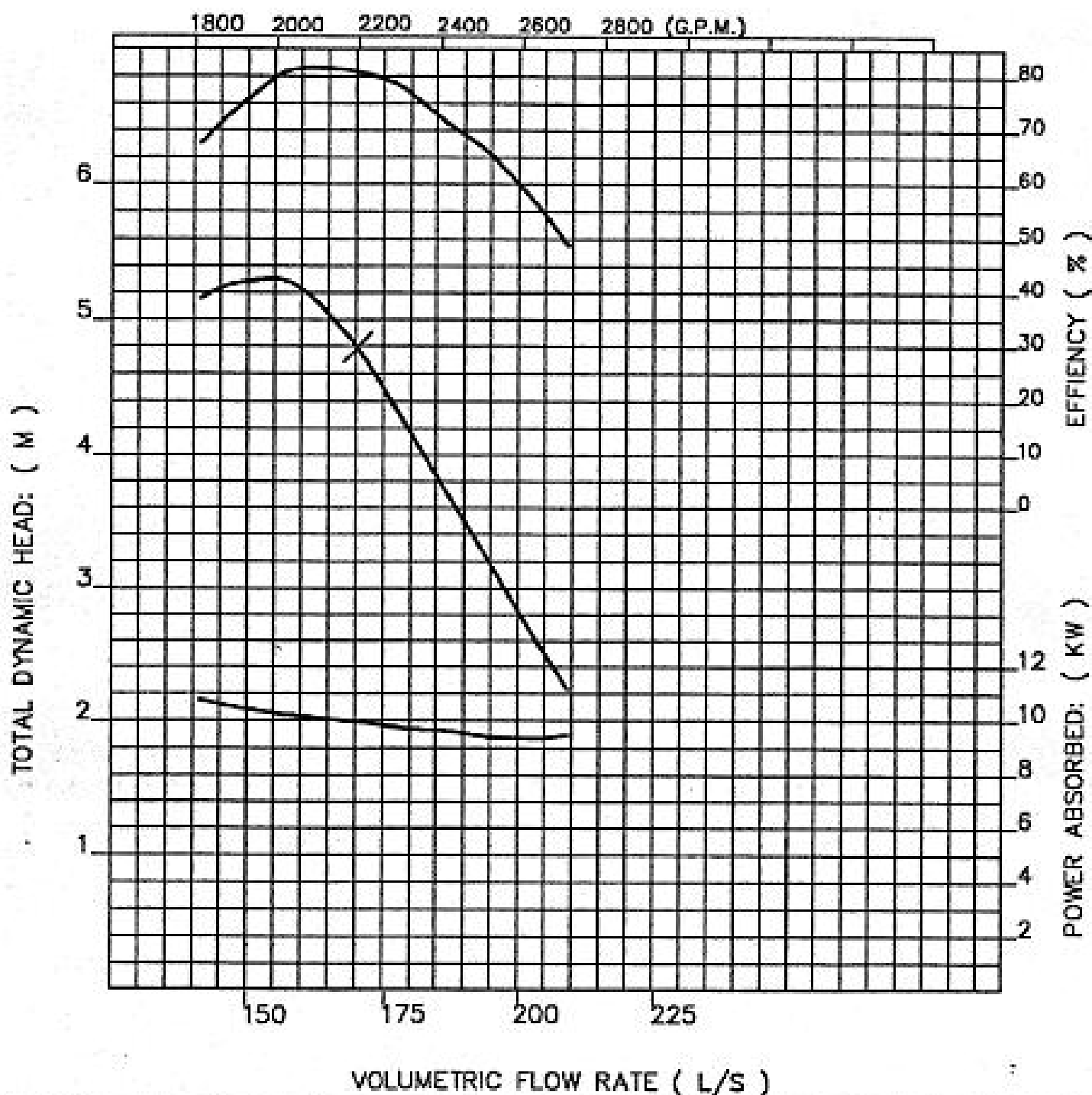
Efficiency Change per Stage.				Impeller No: 9 - 12 - 4.5	
No. of Stages.	% Change.	Maximum Stages:		Curve No: 1014-02	
1	1	Maximum Trim:	229mm	Speed: 1478 RPM CW	
2	0	No. of Vanes:	4	Trim: FULL	
3	0	Impeller Material:	AB2BR	Date: 19/09/94	
Power will be affected by % change. AS-2417 Part 2, Class C.		Bowl Material:	C.I. T220	IMPELLER TYPE Axial Flow. Mixed Flow. Centrifugal. Open. Closed.	
One stage Length:	382mm	Shaft Material:	431 SS		
Extra stage Length:	210mm	Bush Material:	LB2BR/EPDM		
Min. Submerge:	1140mm	Max. Sphere Size:	25mm	Maximum Speed:	1650 RPM
Eye Area:	30782mm ²	Max. Bowl Diameter:	381mm	Minimum Speed:	600 RPM
Thrust Constant:		Max. Pressure Head:	30M		
Std. Axial Clearance:	10mm	Suit Pump Models:	9/9, 9/11, 9/14.		



BATESCREW IMPELLER PERFORMANCE 9-14-4.5

SINGLE STAGE

Efficiency Change per Stage.				Impeller No: 9 - 14 - 4.5	
No. of Stages.	% Change.	Maximum Stages:		Curve No: OTB-2-05	
1	-1	Maximum Trim:	229mm	Speed: 1470 RPM CW	
2	0	No. of Vanes:	4	Trim: FULL	
3	0	Impeller Material:	AB2BR	Date: 15/01/78	
Power will be affected by % change. AS-2417 Part 2, Class C.		Bowl Material:	C.I. T220	IMPELLER TYPE Axial Flow. **** Mixed Flow. Centrifugal. Open. **** Closed.	
One stage Length:	362mm	Shaft Material:	431 SS		
Extra stage Length:	210mm	Bush Material:	LB2BR/EPDM	Maximum Speed:	1850 RPM
Min. Submerge:	1140mm	Max. Sphere Size:	30mm	Minimum Speed:	600 RPM
Eye Area:	365cm ²	Max. Bowl Diameter:	381mm		
Thrust Constant:	41	Max. Pressure Head:	40M		
Std. Axial Clearance:	12mm	Suit Pump Models:	9/9, 9/11, 9/14.		

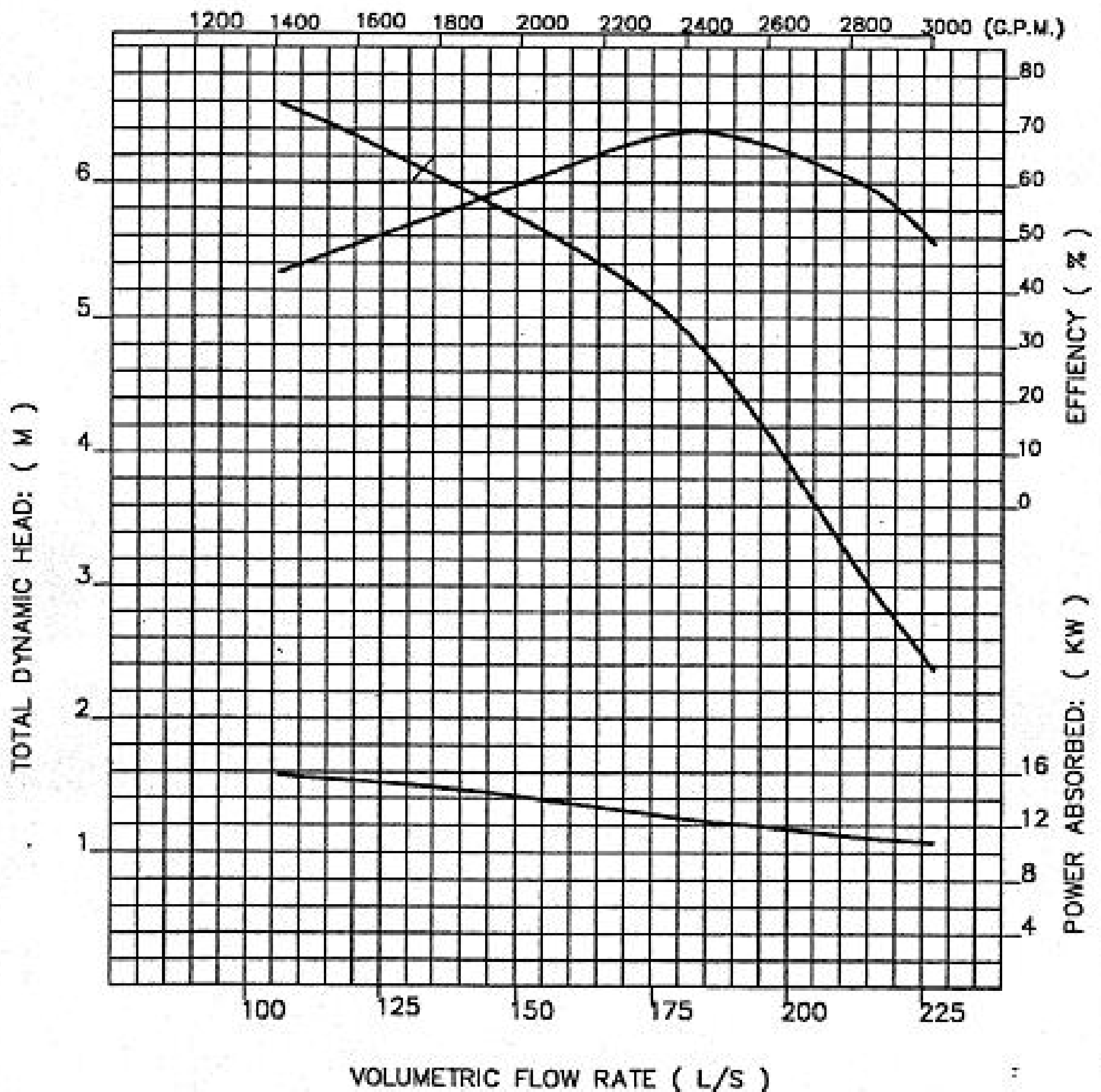


BATESCREW IMPELLER PERFORMANCE

11-9-3

SINGLE STAGE

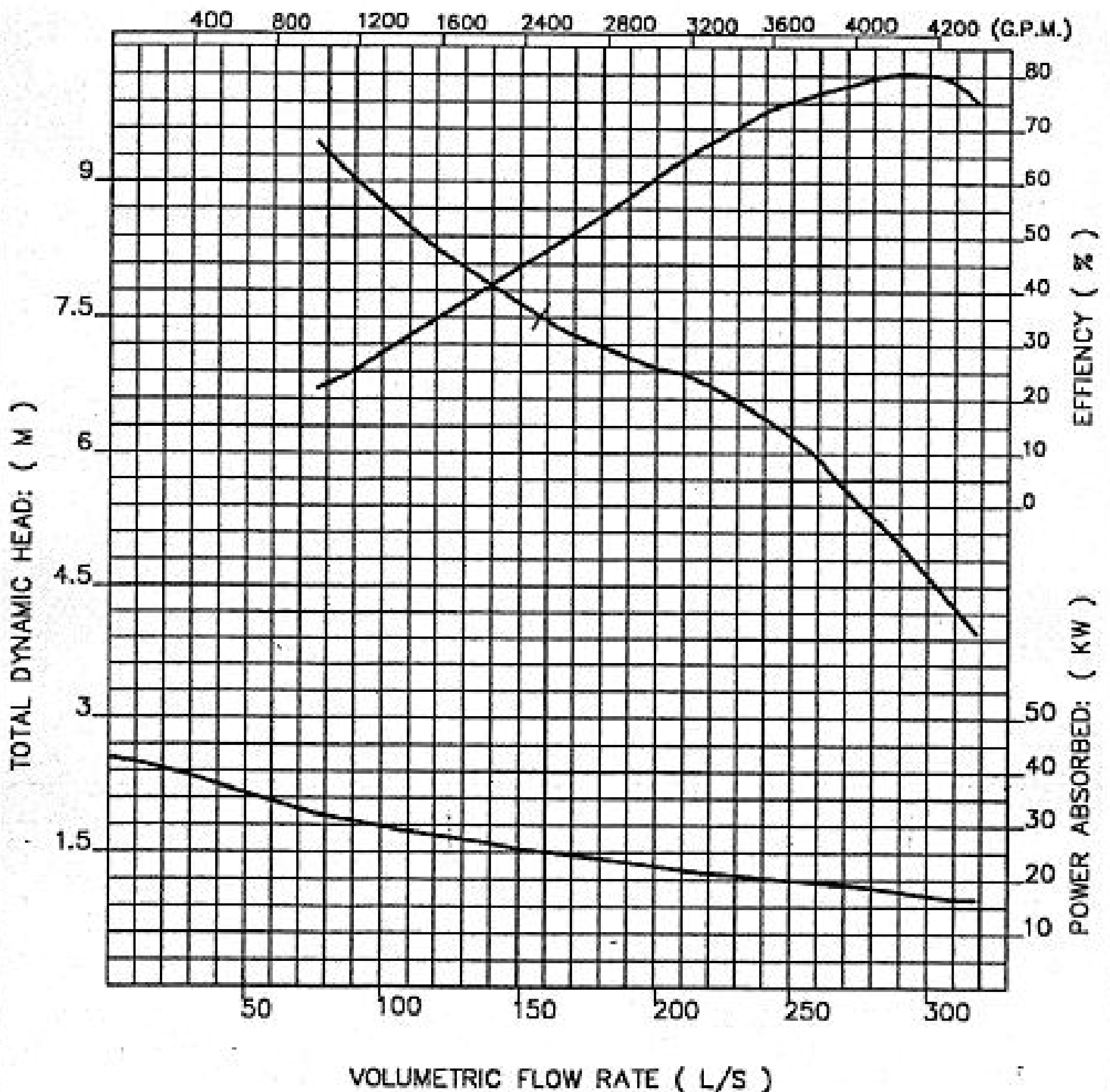
Efficiency Change per Stage.				Impeller No: 11 - 9 - 3	
No. of Stages.	% Change.	Maximum Stages:		Curve No: 101-5	
1	0	Maximum Trim:	279mm	Speed: 1470 RPM CW	
2	0	No. of Vanes:	3	Trim: FULL	
3	0	Impeller Material:	AB2BR	Date: 9/04/90	
Power will be affected by % change. AS-2417 Part 2, Class C.		Bowl Material:	C.I. T220	IMPELLER TYPE Axial Flow. **** Mixed Flow. Centrifugal. Open. **** Closed.	
		Shaft Material:	431 SS		
One stage Length:	444mm	Bush Material:	LB2BR/EPDM		
Extra stage Length:	286mm	Max. Sphere Size:	50mm		
Min. Submerge:	914mm	Max. Bowl Diameter:	457mm		
Eye Area:	568cm ²	Max. Pressure Head:	30M		
Thrust Constant:	61	Suit Pump Models:		Maximum Speed:	1910 RPM
Std. Axial Clearance:	16mm		11/11, 11/14, 11/16,	Minimum Speed:	600 RPM



BATESCREW IMPELLER PERFORMANCE 11-12-3

SINGLE STAGE

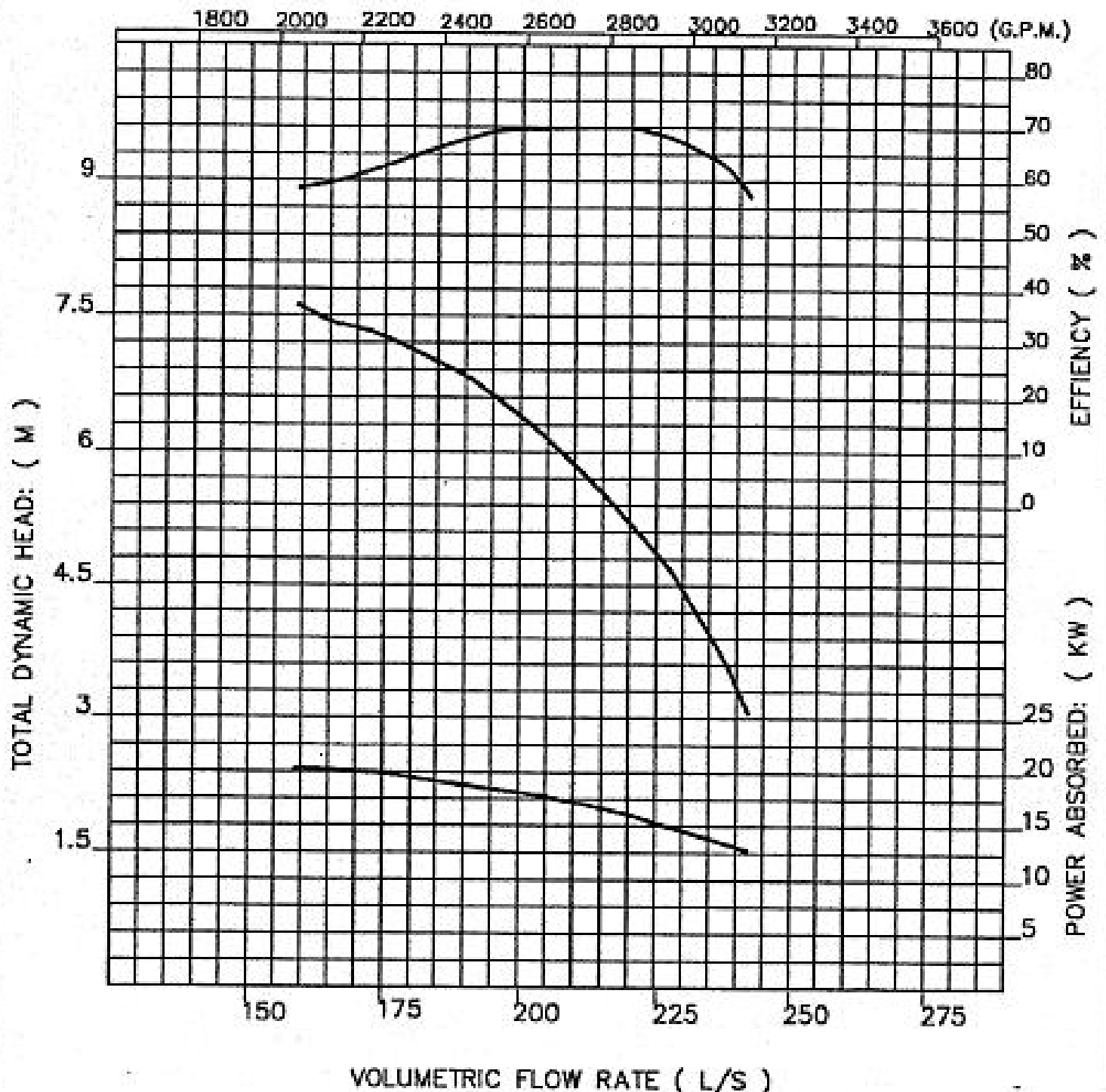
Efficiency Change per Stage				Impeller No: 11 - 12 - 3	
No. of Stages.	% Change.	Maximum Stages:		Curve No: 2011-13	
1	0	Maximum Trim:	279.4mm	Speed: 1490 RPM CW	
2	0	No. of Vanes:	3	Trim: FULL	
3		Impeller Material:	AB2BR	Date: 4/04/96	
Power will be affected by % change. AS-2417 Part 2, Class C.		Bowl Material:	C.I. T220	IMPELLER TYPE Axial Flow. **** Mixed Flow. Centrifugal. Open. **** Closed.	
One stage Length:	445mm	Shaft Material:	431 SS		
Extra stage Length:	256mm	Bush Material:	LB2BR/EPDM		
Min. Submerge:	1020mm	Max. Sphere Size:	55mm		
Eye Area:	568cm ²	Max. Bowl Diameter:	457mm	Max. Pressure Head:	24M
Thrust Constant:	61	Suit Pump Models:		Maximum Speed:	1910 RPM
Std. Axial Clearance:	12mm		11/11, 11/14, 11/16.	Minimum Speed:	600 RPM



BATESCREW IMPELLER PERFORMANCE 11-12-5.5

SINGLE STAGE

Efficiency Change per Stage.				Impeller No: 11 - 12 - 5.5	
No. of Stages.	% Change.	Maximum Stages:		Curve No: 1015-1	
1	1	Maximum Trim:	279mm	Speed: 1460 RPM CW	
2	0	No. of Vanes:	4	Trim: FULL	
3	0	Impeller Material:	AB2BR	Date: 27/02/91	
Power will be affected by % change. AS-2417 Part 2, Class C.		Bowl Material:	C.I. T220	IMPELLER TYPE Axial Flow. **** Mixed Flow. Centrifugal. Open. **** Closed.	
One stage Length: 444/565mm		Shaft Material:	431 SS		
Extra stage Length: 285mm		Bush Material:	LB2BR/EPDM		
Min. Submerge: 1140mm		Max. Sphere Size:	63mm		
Eye Area: 460cm ²		Max. Bowl Diameter:	457mm		
Thrust Constant: 81		Max. Pressure Head:			
Std. Axial Clearance: 18mm		Suit Pump Models:	11/11, 11/14.	Maximum Speed:	1910 RPM
				Minimum Speed:	1050 RPM

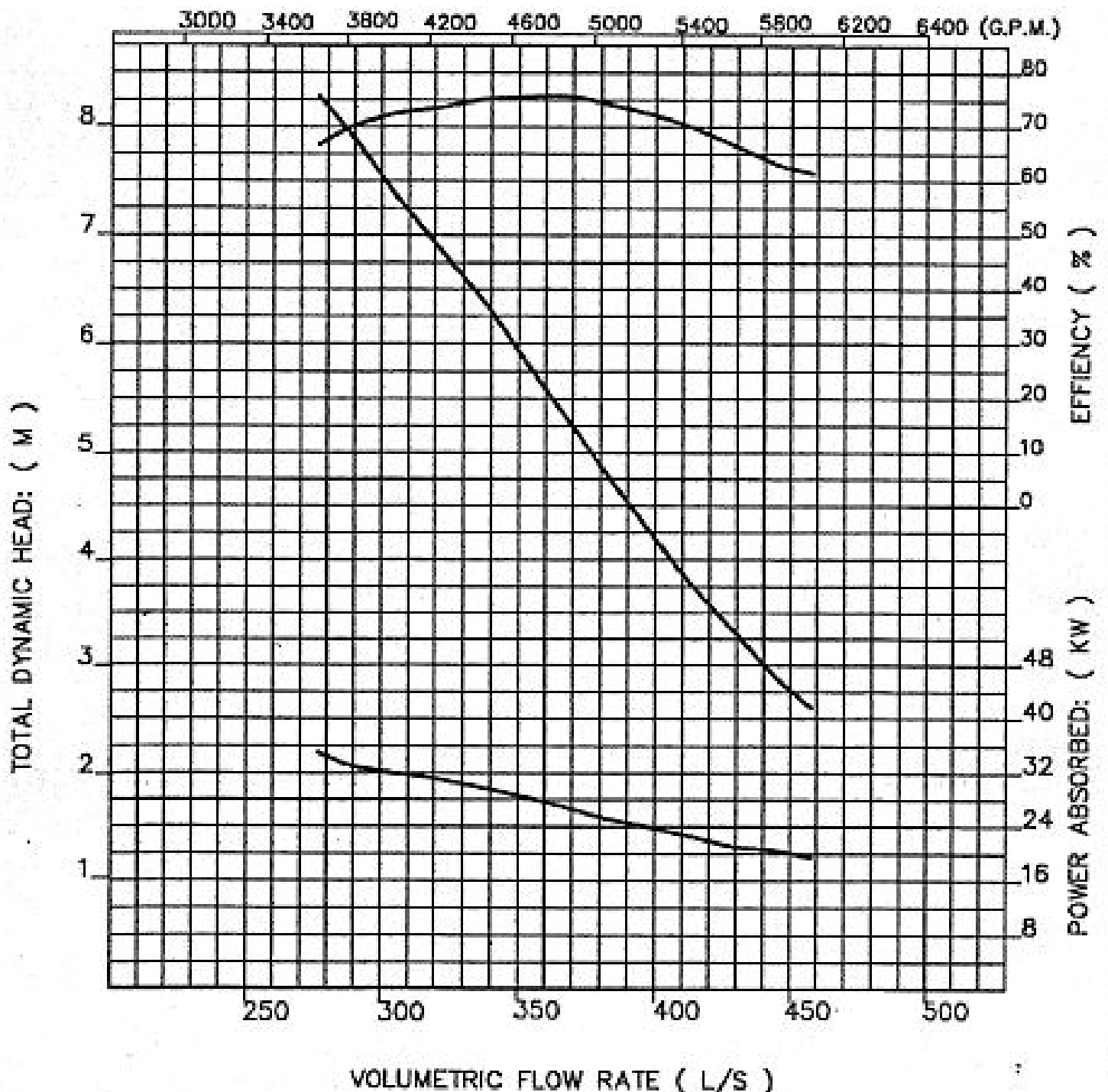


BATESCREW IMPELLER PERFORMANCE

14-9-3

SINGLE STAGE

Efficiency Change per Stage. No. of Stages. % Change.		Maximum Stages: 3 Maximum Trim: 356mm		Impeller No: 14 - 9 - 3 Curve No: 1019-21	
1	0	No. of Vanes: 3 Impeller Material: AB2BR		Speed: 1488 RPM CW Trim: FULL Date: 13/08/91	
2	0	Bowl Material: C.I. T220 Shaft Material: 431 SS		IMPELLER TYPE Axial Flow, **** Mixed Flow, Centrifugal, Open, **** Closed,	
3	0	Bush Material: LB2BR/EPDM Max. Sphere Size: 72mm			
Power will be affected by % change. AS-2417 Part 2, Class C.		Max. Bowl Diameter: 457mm Max. Pressure Head: 50M		Maximum Speed: 1501 RPM Minimum Speed: 600 RPM	
One stage Length: 468/571mm Extra stage Length: 286mm Min. Submerge: 1100mm Eye Area: 922cm ² Thrust Constant: 99 Std. Axial Clearance: 16mm	Suit Pump Models: 14/14, 14/16.				

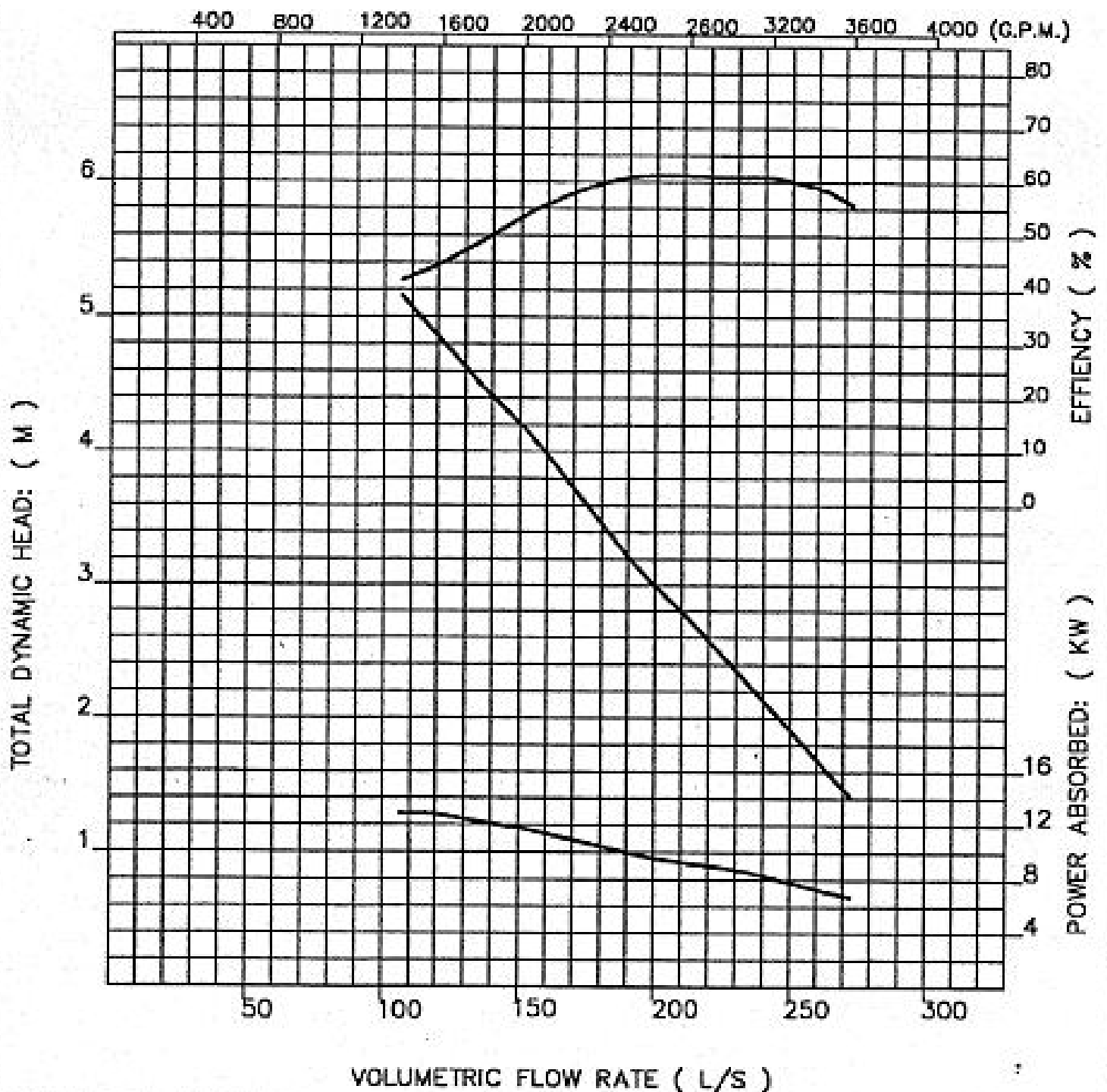


BATESCREW IMPELLER PERFORMANCE

14-9-3

SINGLE STAGE

Efficiency Change per Stage.				Impeller No: 14 - 9 - 3	
No. of Stages.	% Change.	Maximum Stages:		Curve No:	1019-21
1	0	Maximum Trim:	358mm	Speed:	980 RPM CW
2	0	No. of Vanes:	3	Trim:	FULL
3	0	Impeller Material:	AB2BR	Date:	13/08/91
Power will be affected by % change. AS-2417 Part 2, Class C.		Bowl Material:	C.I. T220	IMPELLER TYPE Axial Flow. Mixed Flow. Centrifugal. Open. Closed.	
One stage Length: 466/571mm Extra stage Length: 286mm		Shaft Material:	431 SS		
Min. Submerge: 1100mm		Bush Material:	LB2BR/EPDM	Maximum Speed: 1501 RPM	
Eye Area: 948cm ²		Max. Sphere Size:	72mm	Minimum Speed: 600 RPM	
Thrust Constant: 99		Max. Bowl Diameter:	457mm		
Std. Axial Clearance: 18mm		Max. Pressure Head:	50M		
		Suit Pump Models:	14/14, 14/16.		



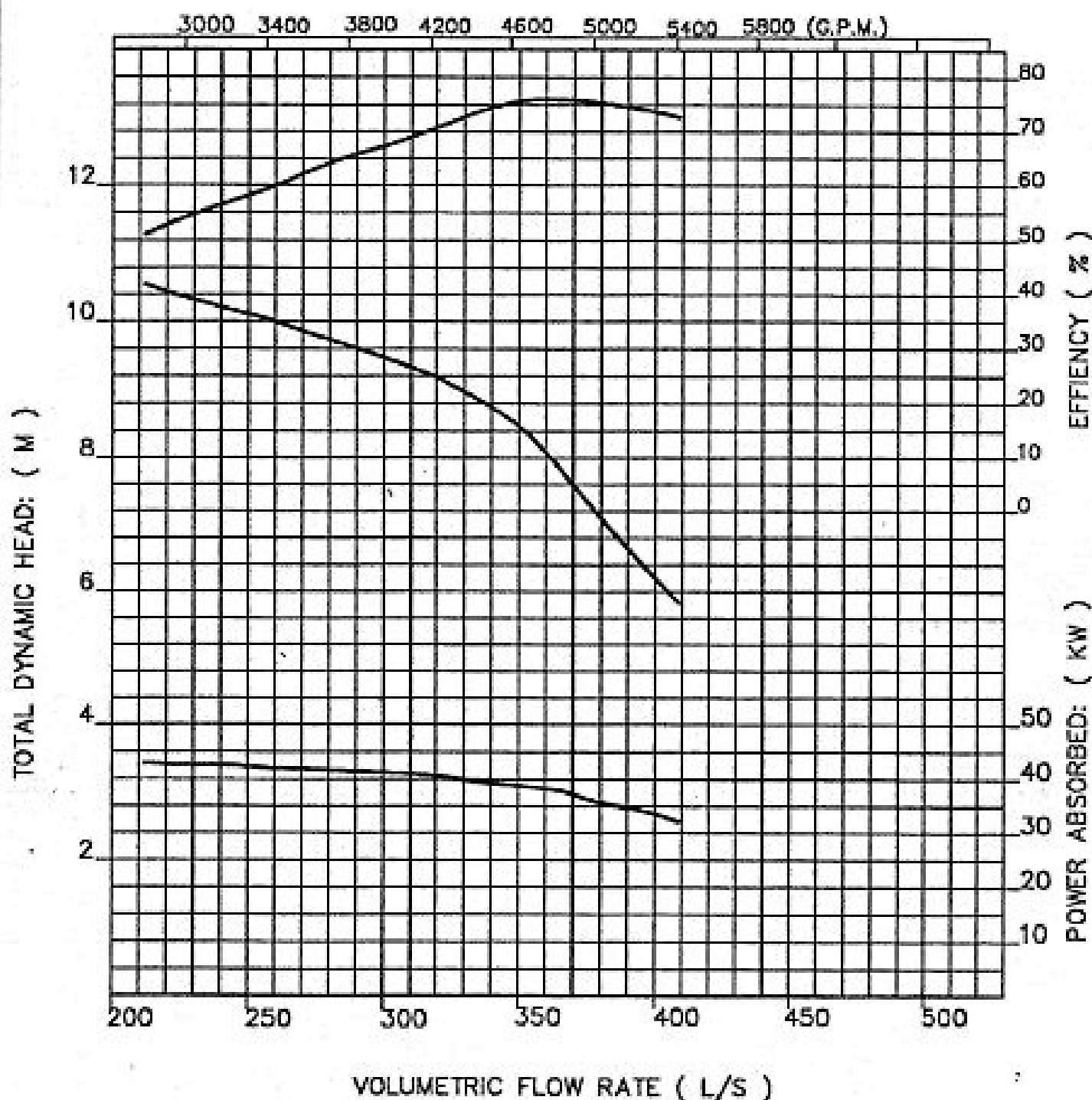
BATESCREW IMPELLER PERFORMANCE 14-10.5-7

SINGLE STAGE

Efficiency Change per Stage.	
No. of Stages.	% Change.
1	0
2	0
3	0
Power will be affected by % change. AS-2417 Part 2, Class C.	
One stage Length:	466/571mm
Extra stage Length:	276mm
Min. Submerge:	1220mm
Eye Area:	742cm ²
Thrust Constant:	99
Std. Axial Clearance:	20mm

Maximum Stages:	3
Maximum Trim:	356mm
No. of Vanes:	4
Impeller Material:	AB2BR
Bowl Material:	C.I. T220
Shaft Material:	431 SS
Bush Material:	LB2BR/EPDM
Max. Sphere Size:	60mm
Max. Bowl Diameter:	610mm
Max. Pressure Head:	16M
Suit Pump Models:	14/14, 14/16.

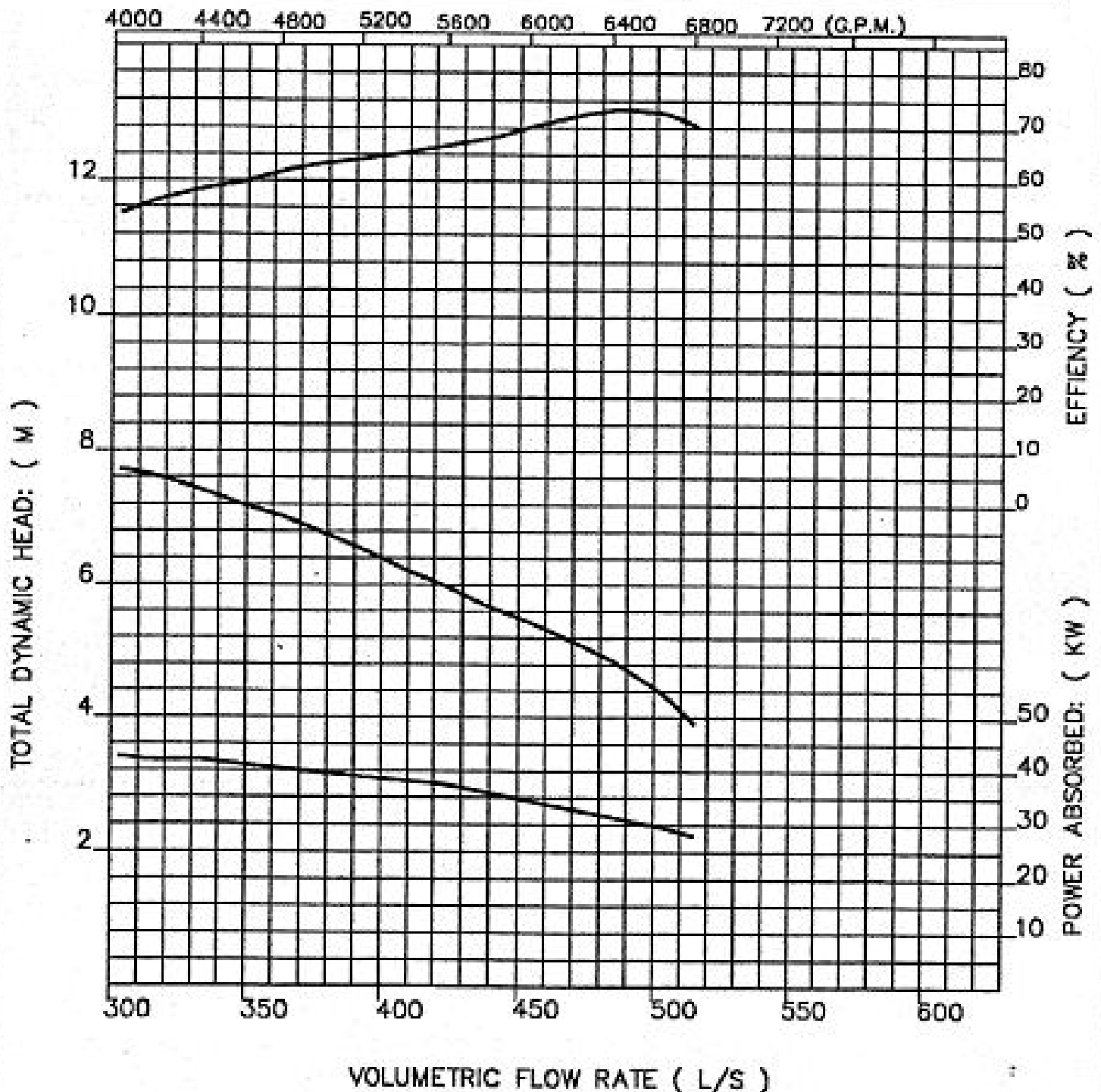
Impeller No:	14 - 10.5 - 7
Curve No:	2011-2
Speed:	1491 RPM CW
Trim:	FULL
Date:	1/03/95
IMPELLER TYPE	
Axial Flow, ****	
Mixed Flow,	
Centrifugal,	
Open, ****	
Closed,	
Maximum Speed:	1600 RPM
Minimum Speed:	600 RPM



BATESCREW IMPELLER PERFORMANCE 14-12-3

SINGLE STAGE

Efficiency Change per Stage				Impeller No: 14 - 12 - 3	
No. of Stages.	% Change.	Maximum Stages:		Curve No: 1019-25	
1	0	Maximum Trim:	358mm	Speed: 1491 RPM CW	
2	0	No. of Vanes:	3	Trim: FULL	
3	0	Impeller Material:	AS2BR	Date: 2/09/91	
Power will be affected by % change. AS-2417 Part 2, Class C.		Bowl Material:	C.I. T220	IMPELLER TYPE Axial Flow. Mixed Flow. Centrifugal. Open. Closed.	
One stage Length: 466/571mm		Shaft Material:	431 SS		
Extra stage Length: 286mm		Bush Material:	LB2BR/EPDM		
Min. Submerge: 1100mm		Max. Sphere Size:	65mm		
Eye Area: 922cm ²		Max. Bowl Diameter:	605mm	Maximum Speed: 1501 RPM	
Thrust Constant: 99		Max. Pressure Head:	30M	Minimum Speed: 800 RPM	
Std. Axial Clearance: 18mm		Suit Pump Models:	14/14, 14/16.		

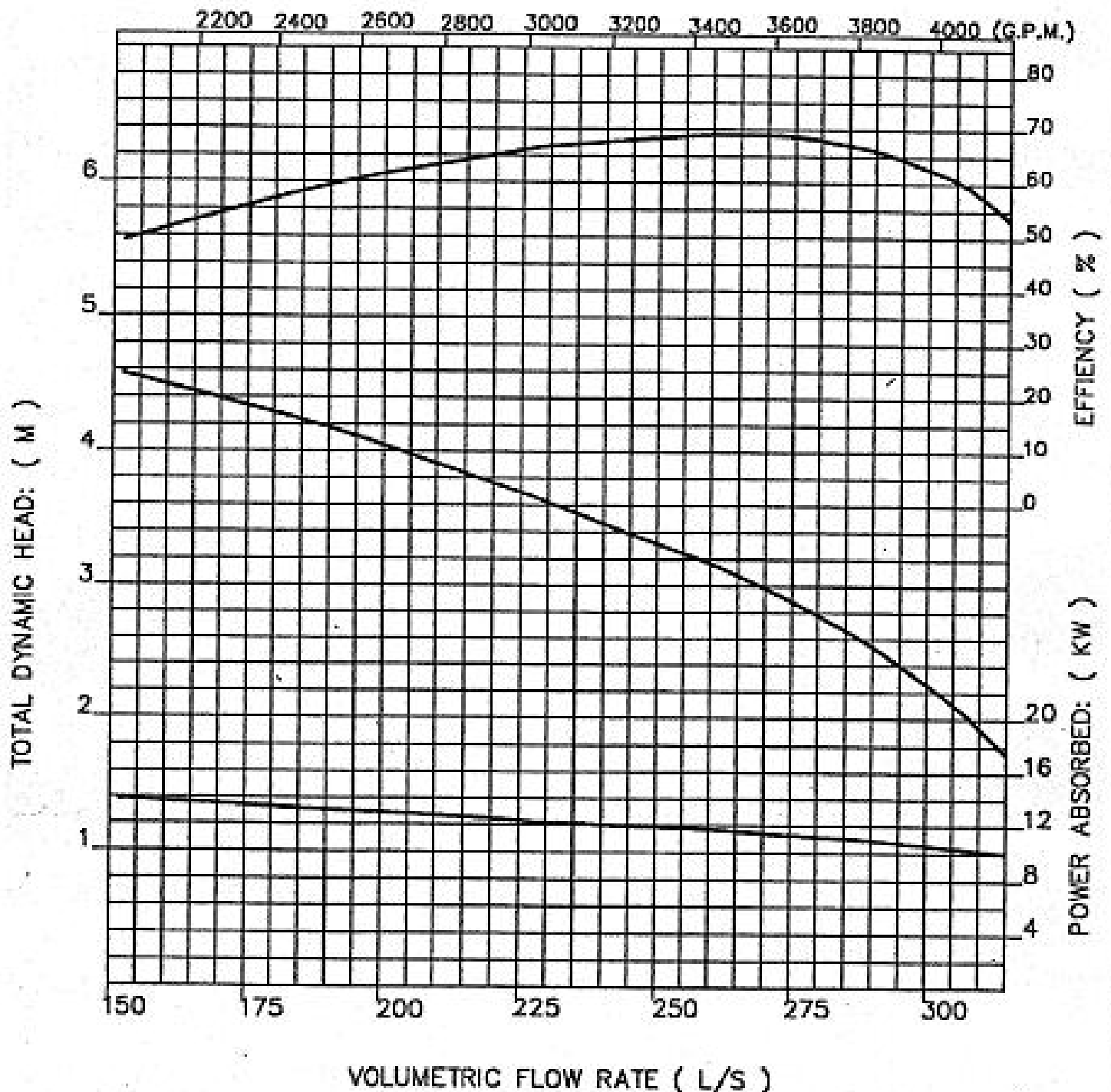


BATESCREW IMPELLER PERFORMANCE

14-12-3

SINGLE STAGE

Efficiency Change per Stage.				Impeller No: 14-12-3	
No. of Stages.	% Change.	Maximum Stages:		Curve No: 1018-2	
1	0	Maximum Trim:	356mm	Speed: 970 RPM CW	
2	0	No. of Vanes:	3	Trim: FULL	
3	0	Impeller Material:	AB2BR	Date: 18/04/91	
Power will be affected by % change. AS-2417 Part 2, Class C.		Bowl Material:	C.I. T220	IMPELLER TYPE Axial Flow, **** Mixed Flow, Centrifugal. Open, **** Closed.	
		Shaft Material:	431 SS		
One stage Length:	486/571mm	Bush Material:	LB2BR/EPDM	Maximum Speed:	1501 RPM
Extra stage Length:	286mm	Max. Sphere Size:	65mm	Minimum Speed:	600 RPM
Min. Submerge:	1100mm	Max. Bowl Diameter:	605mm		
Eye Area:	922cm ²	Max. Pressure Head:	30M		
Thrust Constant:	99	Suit Pump Models:			
Std. Axial Clearance:	18mm		14/14, 14/16.		

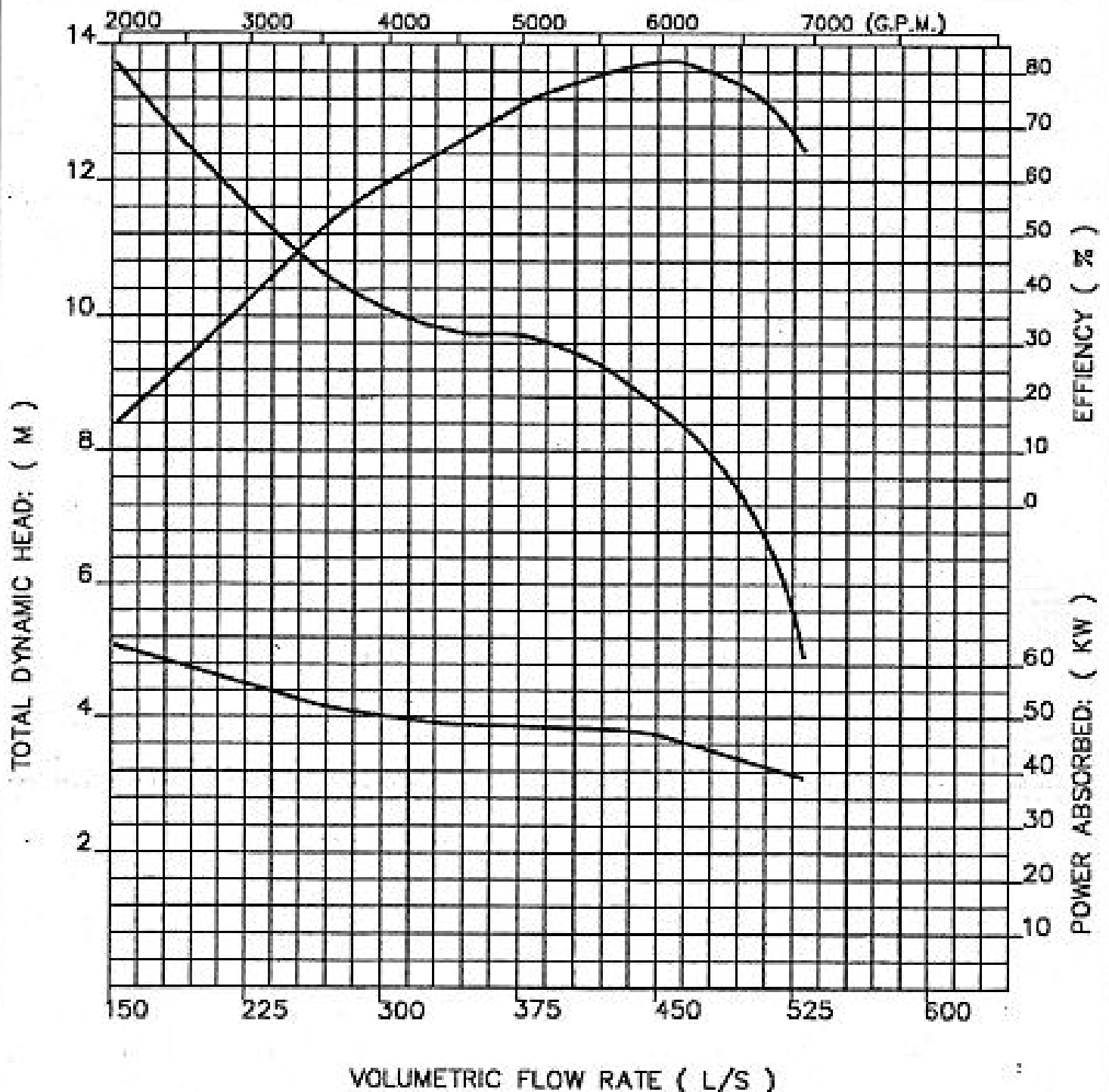


BATESCREW IMPELLER PERFORMANCE

14-12-7

SINGLE STAGE

Efficiency Change per Stage.				Impeller No: 14 - 12 - 7	
No. of Stages.	% Change.	Maximum Stages:		Curve No: 2011-1	
1	0	Maximum Trim:	356mm	Speed: 1470 RPM CW	
2	0	No. of Vanes:	4	Trim: FULL	
3	0	Impeller Material:	AB2BR	Date: 4/04/91	
Power will be affected by % change. AS-2417 Part 2, Class C.		Bowl Material:	C.I. T220	IMPELLER TYPE Axial Flow. **** Mixed Flow. Centrifugal. Open. **** Closed.	
One stage Length: 466/571mm		Shaft Material:	431 SS		
Extra stage Length: 276mm		Bush Material:	LB2BR/EPDM		
Min. Submerge: 1220mm		Max. Sphere Size:	60mm		
Eye Area: 742cm ²		Max. Bowl Diameter:	610mm	Max. Pressure Head:	40M
Thrust Constant: 99		Suit Pump Models:	14/14, 14/16, 14/18, 14/21.	Maximum Speed:	1501 RPM
Std. Axial Clearance: 18mm				Minimum Speed:	600 RPM

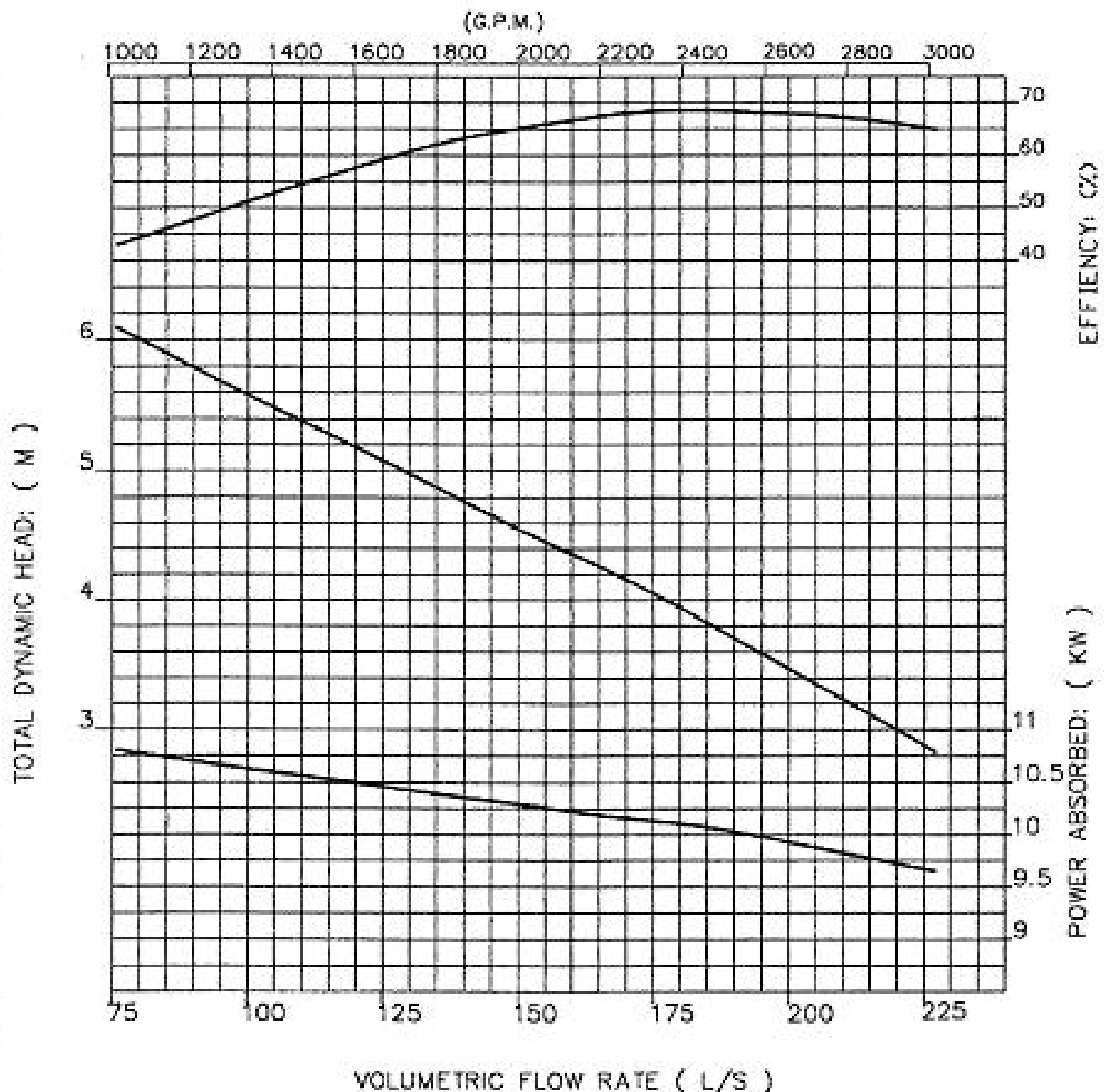


BATESCREW IMPELLER PERFORMANCE

14-12-7

SINGLE STAGE

Efficiency Change per Stage.				Impeller No: 14-12-7	
No. of Stages.	% Change.	Maximum Stages:		Curve No:	2011-1
1	0	Maximum Trim:	356mm	Speed:	970 RPM CW
2	0	No. of Vanes:	4	Trim:	FULL
3	0	Impeller Material:	AB2BR	Date:	4/04/91
Power will be affected by % change. AS-2417 Part 2, Class C.		Bowl Material:	C.I. T220	IMPELLER TYPE Axial Flow. Mixed Flow. Centrifugal. Open. Closed.	
One stage Length:	466/571mm	Shaft Material:	431 SS		
Extra stage Length:	276mm	Bush Material:	LB2BR/EPDM		
Min. Submerge:	1220mm	Max. Sphere Size:	60mm		
Eye Area:	742cm ²	Max. Bowl Diameter:	610mm	Max. Pressure Head:	40M
Thrust Constant:	99	Suit Pump Models:	14/14, 14/16, 14/18, 14/21.	Maximum Speed:	1501 RPM
Std. Axial Clearance:	18mm			Minimum Speed:	600 RPM

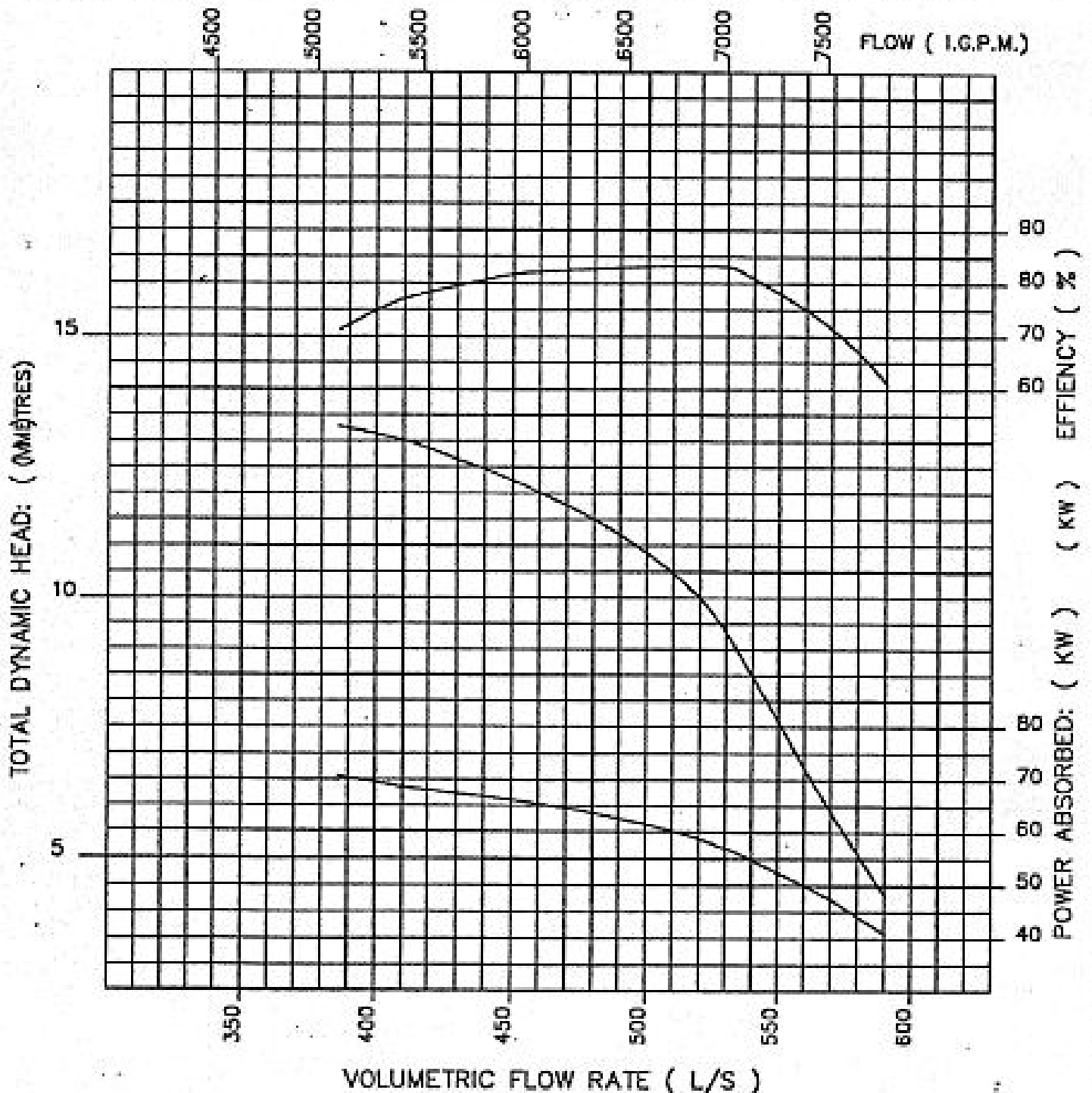


BATESCREW IMPELLER PERFORMANCE

14-15-7

SINGLE STAGE

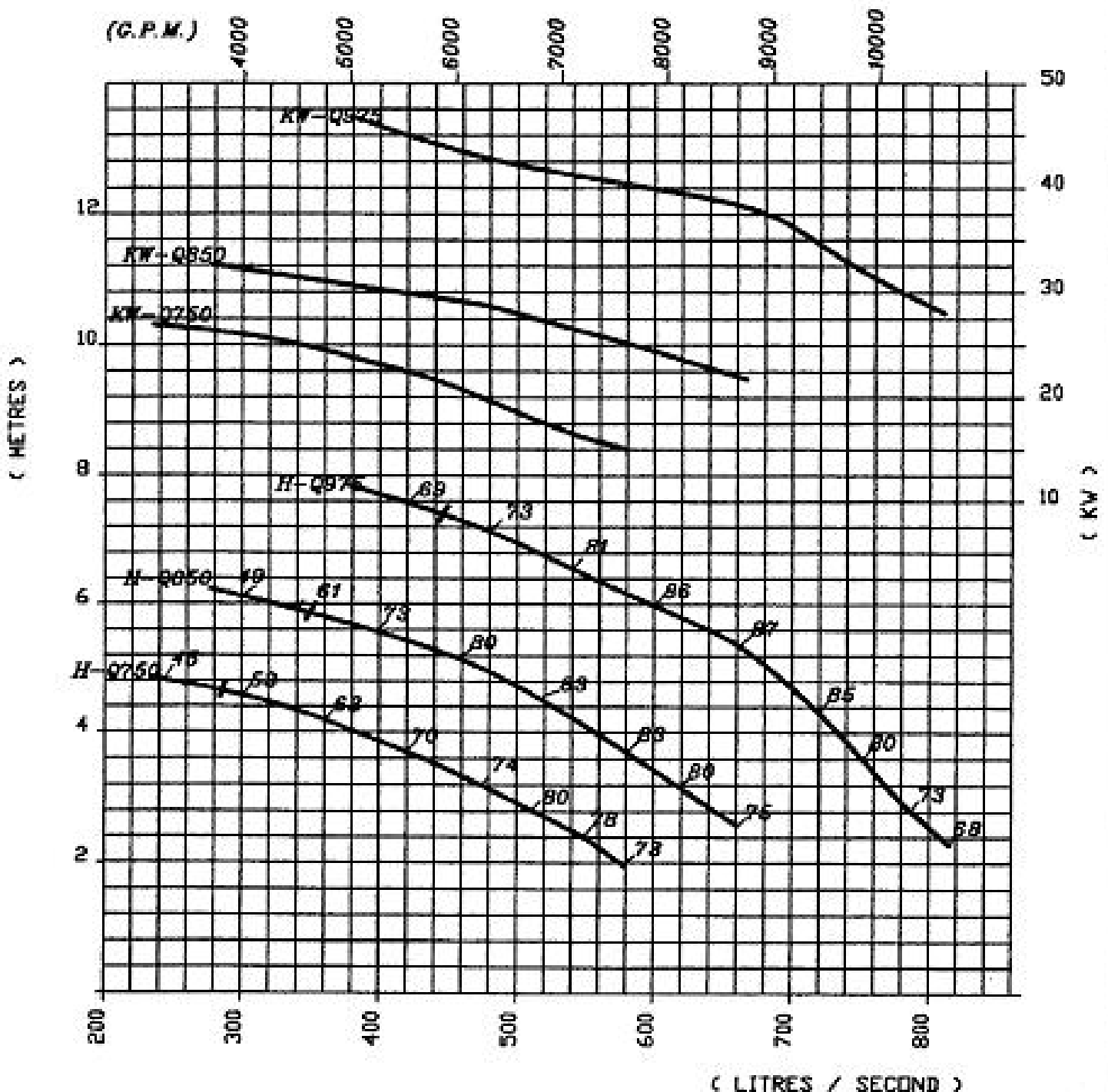
Efficiency Change per Stage.				Impeller No: 14 - 15 - 7	
No. of Stages.	% Change.	Maximum Stages:		Curve No: 2107-1	
1	0	Maximum Trim:	356mm	Speed: 1488 RPM CW	
2	0	No. of Vanes:	5	Trim: FULL	
3	0	Impeller Material:	AB2BR	Date: 22/11/93	
Power will be affected by % change. AS-2417 Part 2, Class C.		Bowl Material:	C.I. T220	IMPELLER TYPE Axial Flow. **** Mixed Flow. Centrifugal. Open. **** Closed.	
One stage Length: 466/571mm		Shaft Material:	431 SS		
Extra stage Length: 290mm		Bush Material:	LB2BR/EPDM		
Min. Submerge: 1200mm		Max. Sphere Size:	65mm		
Eye Area: 567cm ²		Max. Bowl Diameter:	610mm	Maximum Speed: 1650 RPM	
Thrust Constant: 99		Max. Pressure Head:	40M	Minimum Speed: 600 RPM	
Std. Axial Clearance: 12mm		Suit Pump Models:	14/14, 14/16.		



BATESCREW IMPELLER PERFORMANCE 17-21-8.5

SINGLE STAGE

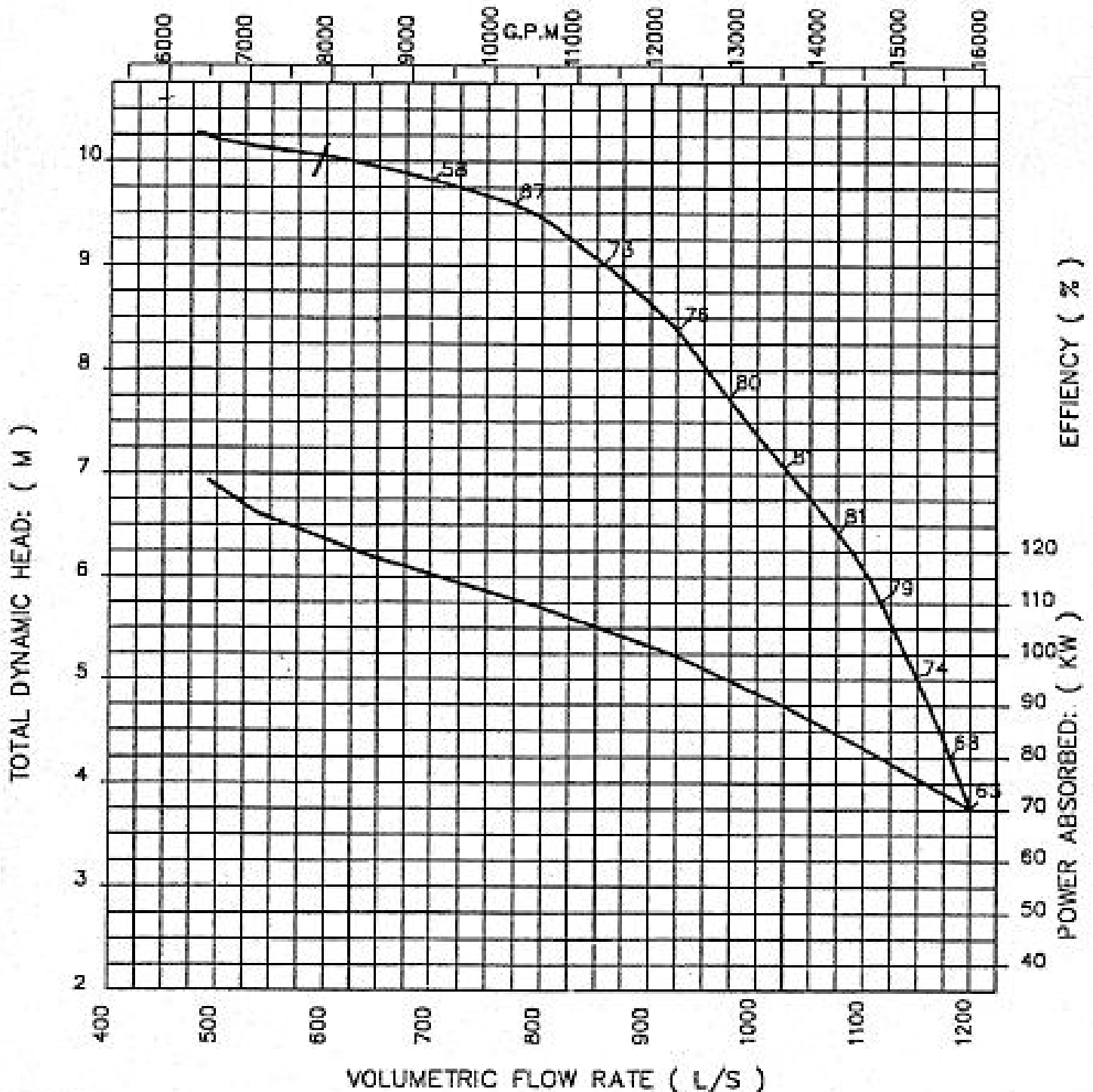
Efficiency Change per Stage. No. of Stages. % Change. 1 -1 2 0 3 0		Maximum Stages: 4 Maximum Trim: 431mm No. of Vanes: 4 Impeller Material: AB2BR Bowl Material: C.I. T220 Shaft Material: 431 SS Bush Material: LB2BR/EPDM Max. Sphere Size: 68mm Max. Bowl Diameter: 685mm Max. Pressure Head:	Impeller No: 17 - 21 - 8.5 Curve No: 20020-21-22 Speed: 750,850,975 RPM CW Trim: FULL Date: 4/08/97
Power will be affected by % change. AS-2417 Part 2, Class C.		Suit Pump Models: 17/18, 17/21, 17/24.	IMPELLER TYPE Axial Flow. **** Mixed Flow. Centrifugal. Open. **** Closed.
One stage Length: 931mm Extra stage Length: 283mm Min. Submerge: 1205mm Eye Area: 1462cm ² Thrust Constant: Std. Axial Clearance: 16mm		Maximum Speed: 1150 RPM Minimum Speed: 580 RPM	



BATESCREW IMPELLER PERFORMANCE 21-24-10.5

SINGLE STAGE

Efficiency Change per Stage. No. of Stages. % Change.		Maximum Stages: 4	Impeller No: 21 - 24 - 10.5
1	-1	Maximum Trim: 533mm	Curve No: 2002
2	0	No. of Vanes: 4	Speed: 984 RPM ACW
3	0	Impeller Material: AB2BR	Trim: 533mm
Power will be affected by % change. AS-2417 Part 2, Class C.		Bowl Material: C.I. T220	Date: 17/09/96
One stage Length: 738/948mm		Shaft Material: 431 SS	IMPELLER TYPE Axial Flow. **** Mixed Flow. Centrifugal. Open. **** Closed.
Extra stage Length: 416mm		Bush Material: LB2BR/EPDM	
Min. Submerge: 1070mm		Max. Sphere Size: 82mm	
Eye Area: 2189cm ²		Max. Bowl Diameter: 673mm	
Thrust Constant: 223		Max. Pressure Head: 45M	
Std. Axial Clearance: 18mm		Suit Pump Models:	Maximum Speed: 1050 RPM Minimum Speed: 600 RPM
		21/21, 21/24.	



BATESCREW IMPELLER PERFORMANCE 21-26-10.5

SINGLE STAGE

Efficiency Change per Stage.	
No. of Stages.	% Change.
1	0
2	0
3	0
Power will be affected by % change. AS-2417 Part 2, Class C.	
One stage Length:	736/946mm
Extra stage Length:	427mm
Min. Submerge:	1070mm
Eye Area:	2234cm ²
Thrust Constant:	223
Std. Axial Clearance:	12mm

Maximum Stages:	4
Maximum Trim:	533mm
No. of Vanes:	4
Impeller Material:	AB2BR
Bowl Material:	C.I. T220
Shaft Material:	431 SS
Bush Material:	LB2BR/EPDM
Max. Sphere Size:	82mm
Max. Bowl Diameter:	914mm
Max. Pressure Head:	45mm
Suit Pump Models:	21/21, 21/24.

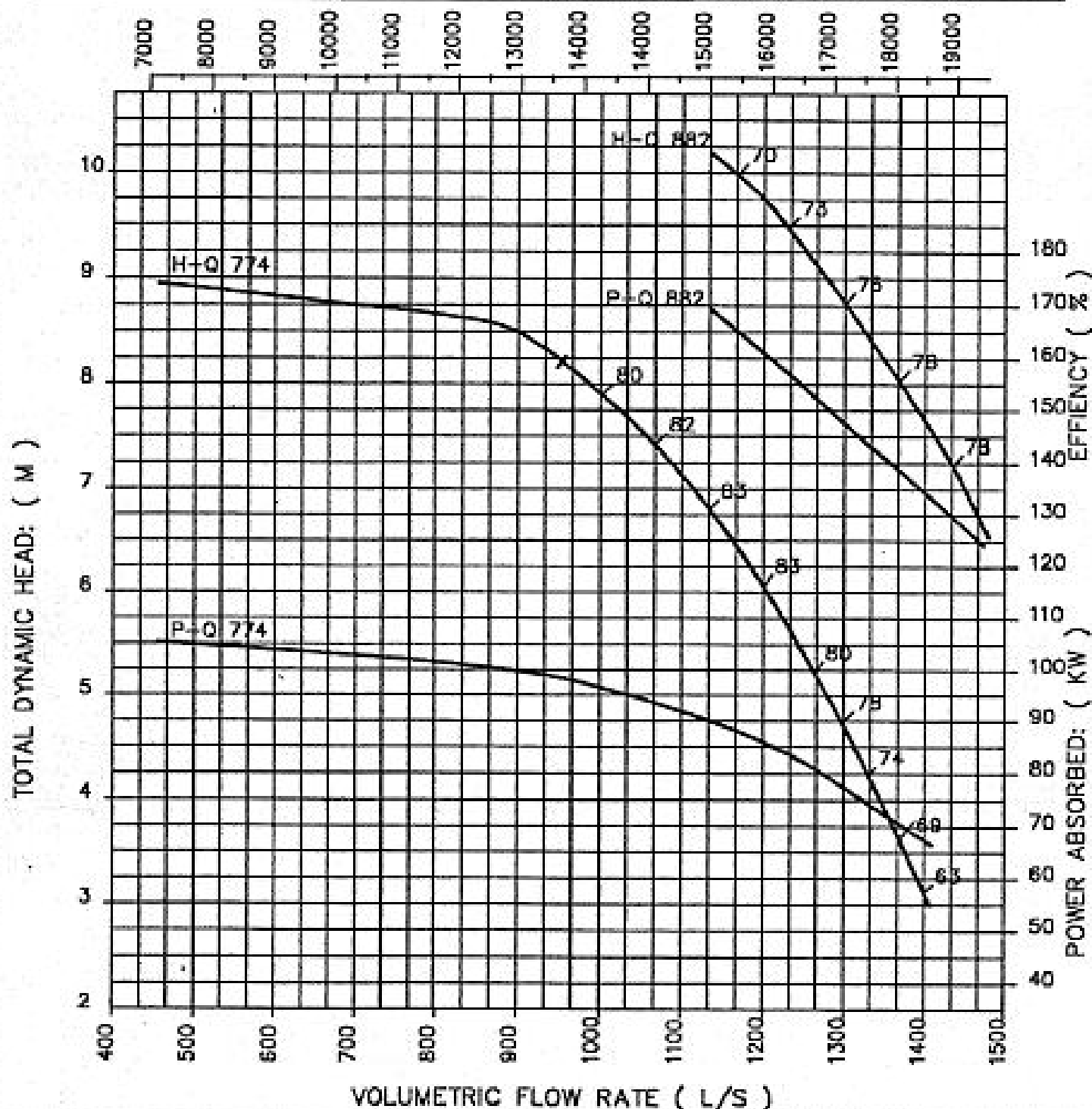
Impeller No: 21-26-10.5
 Curve No: 2030-1
 Speed: 774 RPM ACW
 Trim: 533mm
 Date: 10/08/98

IMPELLER TYPE

Axial Flow: ****
 Mixed Flow:
 Centrifugal:
 Open: ****
 Closed:

Maximum Speed: 1050 RPM

Minimum Speed: 600 RPM

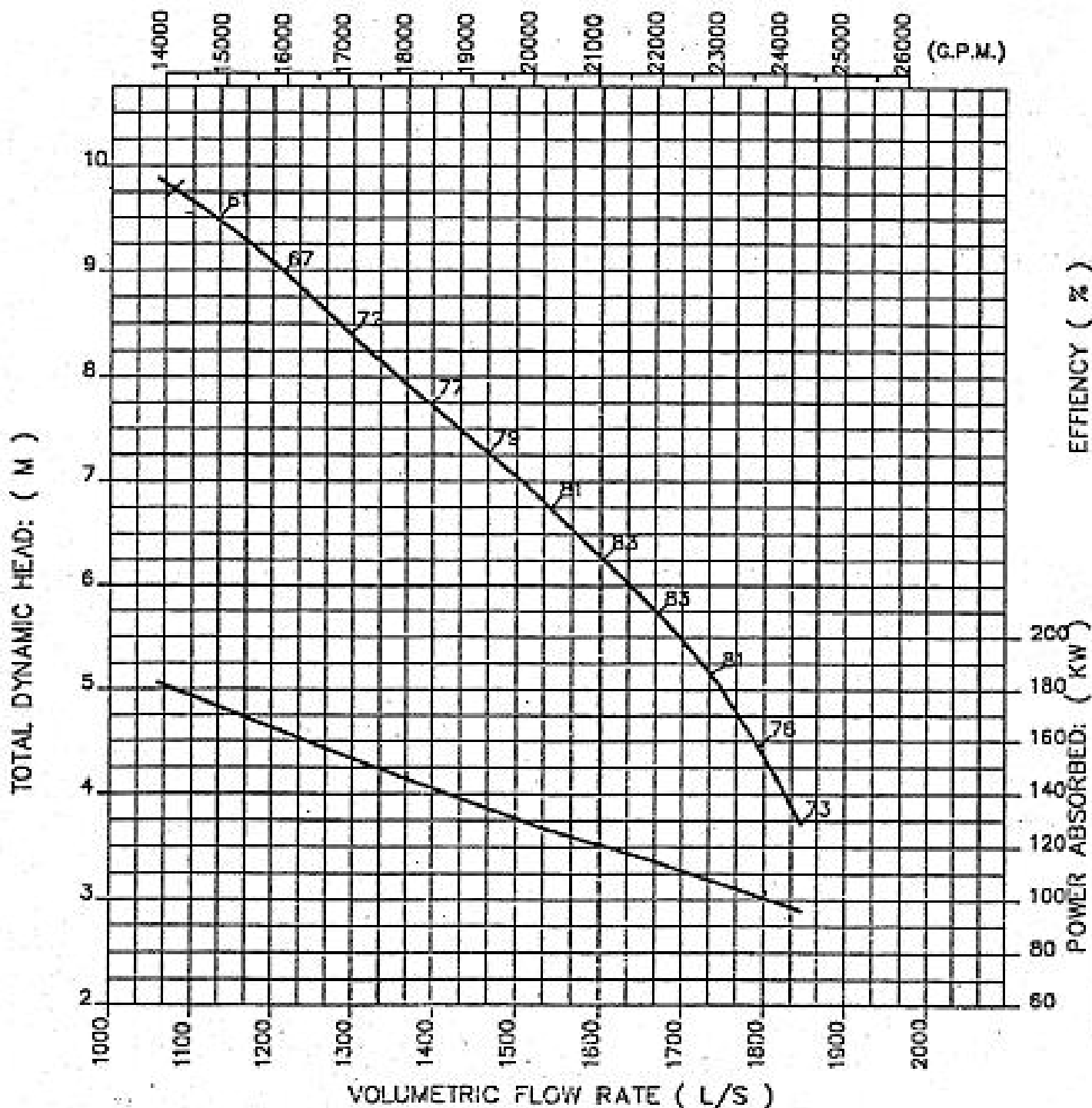


BATESCREW IMPELLER PERFORMANCE

24-30-12

SINGLE STAGE

Efficiency Change per Stage		Maximum Stages: 3		Impeller No: 24 - 30 - 12
No. of Stages	% Change	Maximum Trim: 610mm	No. of Vanes: 4	Curve No: 1071-12
1	0	Impeller Material: AB2BR	Bowl Material: C.I. T220	Speed: 745 RPM ACW
2	0	Shaft Material: 431 SS	Bush Material: LB2BR/EPDM	Trim: FULL
3	0	Max. Sphere Size: 82mm	Max. Bowl Diameter: 1067mm	Date: 20/04/89
Power will be affected by % change. AS-2417 Part 2, Class C.		Max. Pressure Head: 37M	Suit Pump Models: 24/24, 24/30.	IMPELLER TYPE
One stage Length: 825/1085mm				Axial Flow. ****
Extra stage Length: 492mm				Mixed Flow.
Min. Submerge: 1102mm				Centrifugal.
Eye Area: 2188cm ²				Open. ****
Thrust Constant: 292				Closed.
Std. Axial Clearance: 20mm				Maximum Speed: 900 RPM
				Minimum Speed: 450 RPM



BATESCREW IMPELLER PERFORMANCE

32-60-16

SINGLE STAGE

Efficiency Change per Stage		Maximum Stages: 4		Impeller No: 32 - 60 - 16	
No. of Stages	% Change	Maximum Trim: 813mm	No. of Vanes: 4	Curve No: 2005-2006	Speed: 360, 485 RPM ACW
1	0	Impeller Material: AB2BR	Bowl Material: C.I. T220	Trim: 775/813mm	Date: 4/09/96
2	0	Shaft Material: 431 SS	Bush Material: LB2BR/EPDM	IMPELLER TYPE Axial Flow. Mixed Flow. Centrifugal. Open. Closed.	
3	0	Max. Sphere Size: 180mm	Max. Bowl Diameter: 1390mm		
Power will be affected by % change. AS-2417 Part 2, Class C.		Max. Pressure Head: 40M	Suit Pump Models: 32/36, 32/42.	Maximum Speed: 600 RPM	Minimum Speed: 300 RPM
One stage Length: 1955/2116mm	Extra stage Length: 710mm	Min. Submerge: 3100mm	Eye Area: 3900cm ²	Thrust Constant: 519	Std. Axial Clearance: 25mm

