

INDUSTRIAL Pumps



این مجموعه فعالیت خود را تحت برند صنعتی دومان تجارت صنعت گستر و با هدف ارائه خدماتی فنی نوین ، سریع و باکیفیت در زمینه پاسخگویی به نیازهای صنعتی کشور گسترش داد.

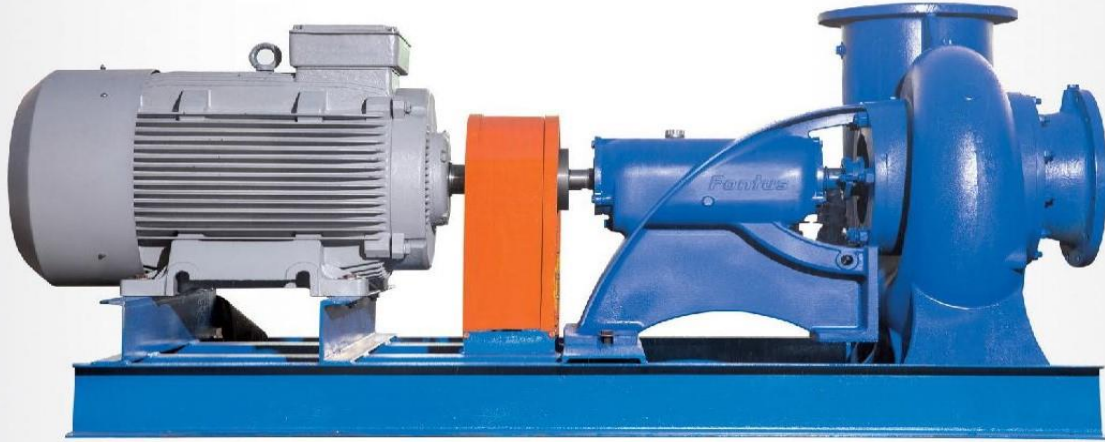
ما بر این باور هستیم که مهمترین اقدام جهت استفاده از حداکثر ظرفیت ها تشکیل یک تیم هماهنگ است. بر پایه همین باور؛ دومان تجارت مجموعه ایی از مشاوران و متخصصینی مجرب به همراه ظرفیت های شرکت ها و کارگاه های صنعتی توانمند کشور را در قالب یک برند تجاری صنعتی گردآوری نموده و به آن شالوده ایی از نظم و تعهد افزوده؛ تا پله ایی باشد بلند ولی در دسترس برای مدیران ، صنعتگران و صاحبان پروژه های کوچک و بزرگ کشور عزیزمان ایران .

ما دانش فنی را همراه با تجربه و تعهد در هم می آمیزیم و بی تردید مطمئن هستیم نتیجه اش رضایتمندی ما و شماست. هدف ما صرفاً کالا و یا خدماتمان نیست ، ما همراهتان هستیم تا بهترین راه کارها را جهت حل چالش ها به شما پیشنهاد و معرفی نماییم و این امر علاوه بر ایجاد اعتماد ، موجب بهره وری هرچه بیشتر و کاهش هزینه های پروژه های مختلف صنعتی و تجاری گردیده است.

با آرزوی سلامتی و موفقیت



CENTRIFUGAL PUMPS (EN)



CONSTRUCTION:

Centrifugal pump with volute casing, horizontal installation, single stage, overhung impeller, single and center suction, separate coupling. Main dimensions and nominal performance in accordance with EN 733. Impeller is dynamically balanced. The shaft is sealed either by a soft packing or by a mechanical seal. It is protected with a renewable chrome nickel steel sleeve in the region of the shaft seal.

Radial and axial forces on shaft are supported by two grease lubricated deep groove ball bearings on backside of impeller. An oil lubricated version is available on request. The pumps are built so that the complete pump rotor, including the bearing bracket can be dismantled as a unit towards the drive end, casing remains on piping system.

APPLICATION:

For irrigation, municipal and industrial water supply, also cooling and heating circulation system fields.

PUMP SPECIFICATIONS:

Output size:	32 to 300 mm
Capacity:	5 to 1650 m ³ /h
Head:	5 to 90 m
Operating temperature with :	
– Soft packing box from	-10°C to 110°C
– Mechanical seal from	-10°C to 140°C
Test pressure:	16 bar

Categories:

Building Services, Chemical & Food, Marin, Water Supply

Model	RPM	CAPACITY					KW	HP	RPM	CAPACITY					KW	HP	IMP .Dia (mm)	inlet flange	outlet flange	NET weight (Kg)	x,y,z (mm)						
		6	8	10	12	14				10	15	20	25	28													
32-160	1450	9.6	9.2	8.5	7.7	6.6	0.8	1	2900	39	37	34	30	27	5.5	7.5	169	50 mm	32mm	33	440*240*292						
	Head (m)	8.5	8	7.2	6.2	5	0.6	0.75		Head (m)	35	33	29	24	20	4						5.5	160				
		7.3	6.7	5.8	4.6	-	0.6	0.75			Head (m)	30	27	23	17	-						3		4	150		
		6.2	5.4	4.3	-	-	0.4	0.5				Head (m)	25	23	17	-						-		3		4	140
		6.2	5.4	4.3	-	-	0.4	0.5					Head (m)	25	23	17						-		-		3	
32-200	1450	4	5	6	7	8			2900	8	10	12		14	16			209	50mm	32mm	38	440*249*292					
	Head (m)	14.7	14.4	14	13.2	12	0.75	1		Head (m)	59	57.5	56	53	48	7.5	10						200				
		13.4	13.1	12.5	11.8	10.4	0.75	1			Head (m)	54	52.5	50	46.5	-	5.5							7.5	190		
		12	11.6	11	9.8	-	0.55	0.75				Head (m)	47.5	46	43	38	-							4		5.5	180
		10.6	10	9	-	-	0.55	0.75					Head (m)	42	39.5	35	-							-		4	
32-250	1450	6	8	9	10	11			2900	12	16	18		20	22			259	50mm	32mm	52	460*320*405					
	Head (m)	21.5	20.5	19.5	18	14	2.2	3		Head (m)	86	82	78	73	59	15	20						250				
		20	18.5	17	15	-	1.5	2			Head (m)	80	75	60	60	-	15							20	240		
		18	16.5	14.5	-	-	1.5	2				Head (m)	73	66	58	-	-							11		15	230
		16.5	14	-	-	-	1.5	2					Head (m)	66	57	-	-							-		11	

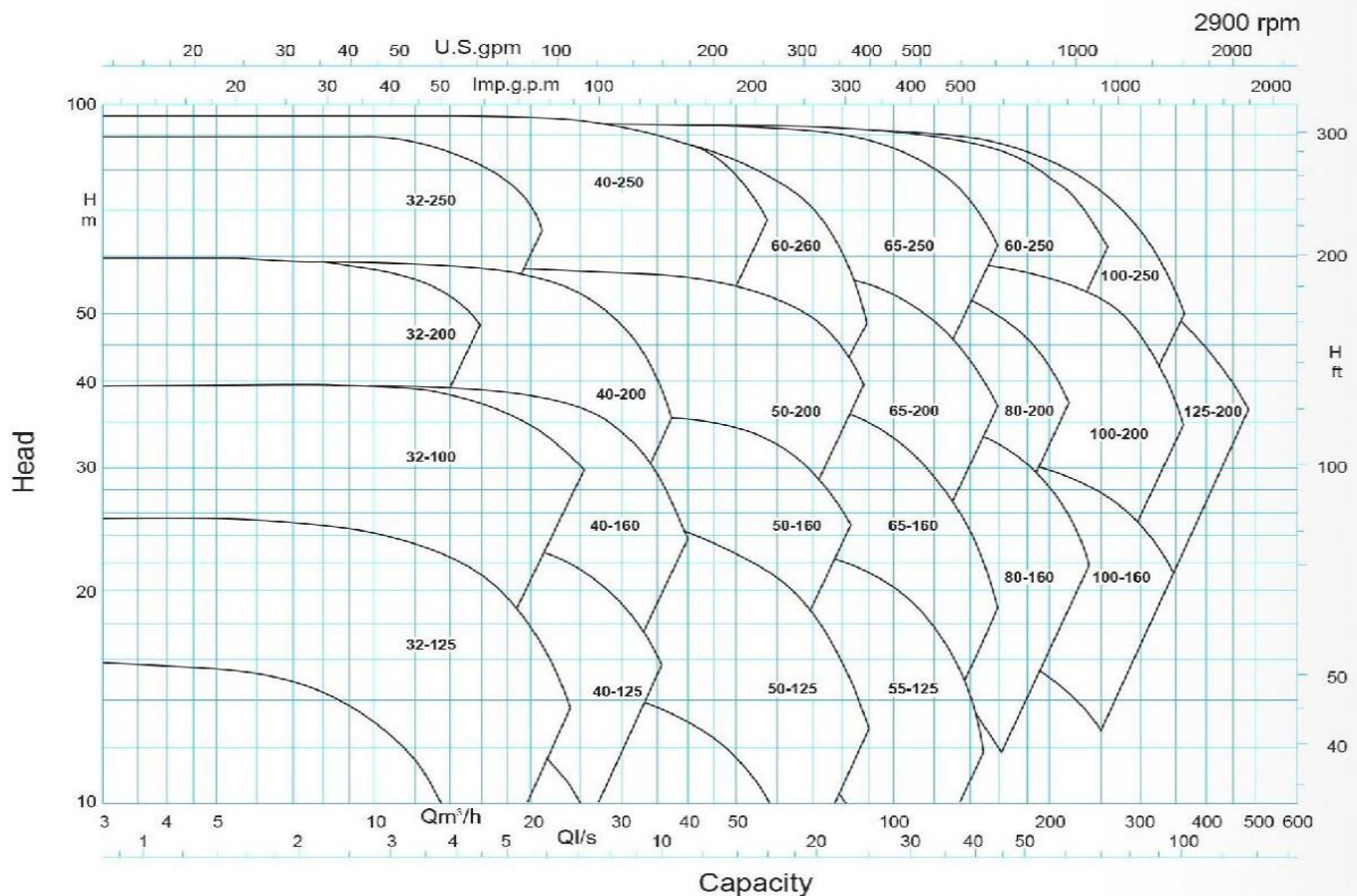
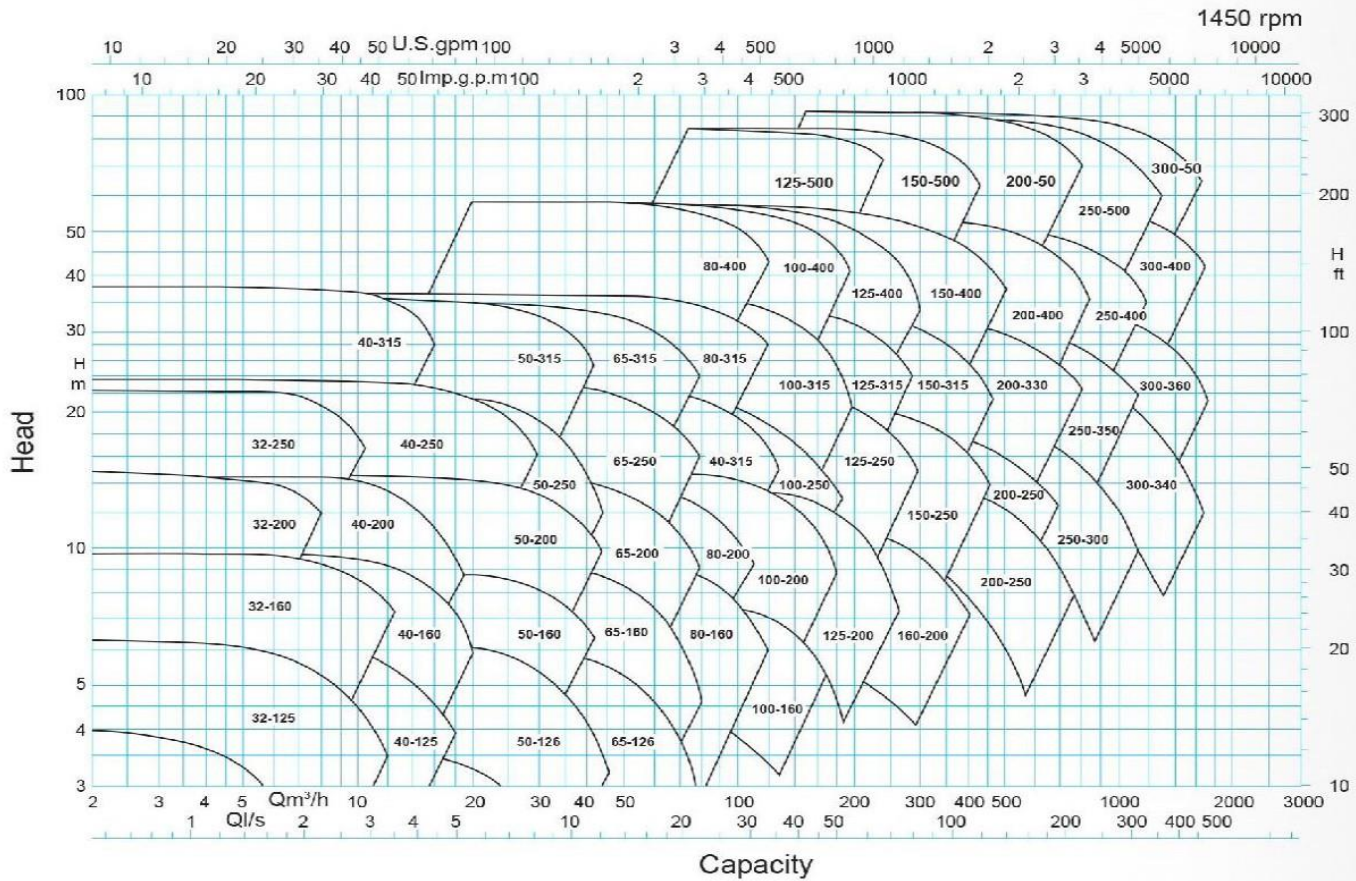
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Model	RPM	CAPACITY					KW	HP	RPM	CAPACITY					KW	HP	IMP .Dia (mm)	inlet flange	outlet flange	NET weight	x,y,z (mm)
		6	10	14	18	20				10	20	30	35	40							
40-125	1450	6.2	5.8	5	3.9	3.2	0.37	0.5	2900	25	23	19	16	13	3	4	139	65mm	40mm	27	440*215*252
	Head (m)	5.8	5.4	4.6	3.5	2.7	0.37	0.5		23.5	21.5	17.5	14.5	10.5	3	4	135				
		5.3	4.8	4	2.8	-	0.37	0.5		21.5	19.5	15.5	12	-	3	4	130				
		4.8	4.4	3.6	2.3	-	0.37	0.5		19.5	17.5	13	9.5	-	2.2	3	125				
40-160	1450	9.6	9.4	8.8	7.7	5.8	0.75	1	2900	39	36.5	34	29.5	24	5.5	7.5	169	65mm	40mm	34	440*240*292
	Head (m)	8.6	8.2	7.3	5.8	-	0.75	1		34.5	31.5	27.5	22	-	5.5	7.5	160				
		7.5	6.8	5.7	-	-	0.55	0.75		30	25	20.5	-	-	4	5.5	150				
		6.4	5.5	4	-	-	0.37	0.5		26	19	-	-	-	3	4	140				
40-200	1450	14.3	13.7	12.6	11.5	9.8	1.5	2	2900	57.5	56	53	48	41	11	15	209	65mm	40mm	41	460*268*340
	Head (m)	13	12.3	10.8	9.4	-	1.1	1.5		52.5	50	46	40	31	11	15	200				
		11.5	10.5	8.7	-	-	1.1	1.5		46.5	44	39	31.5	-	7.5	10	190				
		10.2	8.9	-	-	-	0.75	1		41	37.5	31	-	-	5.5	7.5	180				
40-250	1450	23	21.5	21	19.2	16	4	5.5	2900	92	89	86	83	72	22	30	259	65mm	40mm	53	460*320*405
	Head (m)	21	19.5	18.5	17	13.2	3	4		85	82	78	72	58	22	30	250				
		19	17	16	14.2	-	3	4		77	72	68	62	-	18.5	25	240				
		16.5	15	11.5	-	-	2.2	3		69	64	59	53	-	15	20	230				
40-315	1450	37.5	37	35.5	33	28.5	4	5.5	2900	-	-	-	-	-	-	-	319	65mm	40mm	88	595*386*475
	Head (m)	34	33.5	32	30	22	4	5.5		-	-	-	-	-	-	-	310				
		31	30.5	29	26	-	4	5.5		-	-	-	-	-	-	-	300				
		28.5	27.5	26	22	-	3	4		-	-	-	-	-	-	-	290				
50-160	1450	9	8.8	8.6	8.1	7.5	1.5	2	2900	36	35.3	34.2	32.5	30	11	15	169	65mm	50mm	37	460*274*340
	Head (m)	7.9	7.8	7.4	6.8	-	1.1	1.5		32	31	29.8	27.5	24	7.5	10	160				
		7	6.7	6.2	5.4	-	0.75	1		28	27	25	21.5	-	7.5	10	150				
		6	5.6	5	-	-	0.55	0.75		24	22.5	19.8	-	-	5.5	7.5	140				
50-200	1450	14.2	13.7	13.2	12.4	11.2	2.2	3	2900	57	55.5	52.5	47	39	18.5	25	209	65mm	50mm	43	460*265*360
	Head (m)	12.8	12.3	11.6	10.6	9.2	2.2	3		52	50	46	40	-	15	20	200				
		11.3	10.8	10	8.8	-	1.5	2		46.5	44	39.5	31.5	-	11	15	190				
		10	9.3	8.2	-	-	1.5	2		41.5	38	32.5	-	-	11	15	180				
50-250	1450	21.5	20.4	19.2	17.4	14.8	4	5.5	2900	90	85	78	70	61	30	41	259	65mm	50mm	55	460*330*405
	Head (m)	19.5	18.5	17	14.8	12	3	4		82	78	70	62	53	22	30	250				
		17.5	16.5	14.7	12.6	9.6	3	4		75	70.3	62	54	-	18.5	25	240				
		15.5	14.5	12.8	10.5	-	2.2	3		69	63	55	46	-	18.5	25	230				
50-315	1450	35	34	32.6	30.5	27.7	7.5	10	2900	-	-	-	-	-	-	-	319	65mm	50mm	88	595*400*505
	Head (m)	32.5	31.3	30	28	25	7.5	10		-	-	-	-	-	-	-	310				
		29.5	28.5	27	25.3	22.5	7.5	10		-	-	-	-	-	-	-	300				
		27	26	24.9	23.1	19.3	5.5	7.5		-	-	-	-	-	-	-	290				
12565	1450	5.9	5.6	5.2	4.6	3.8	1.5	2	2900	23	22	20.3	17.8	14.3	11	15	139	80mm	65mm	35	460*280*340
	Head (m)	4.8	4.4	3.8	2.8	1.8	1.1	1.5		19.5	17.8	15.3	11.8	7.5	7.5	10	130				
		3.9	3.4	2.7	1.8	-	0.75	1		15.7	13.6	10.7	7	-	5.5	7.5	120				
		3	2.4	1.8	-	-	0.55	0.75		12	10	7.2	-	-	4	5.5	110				

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	RPM	CAPACITY					KW	HP	RPM	CAPACITY					KW	HP	IMP .Dia (mm)	inlet flange	outlet flange	NET weight	x,y,z (mm)
		60	90	120	150	180				100	175	250	300	350							
100-250	1450	22	21	19.2	16.7	12.8	11	15	2900	89	85	76	67	53	90	122	259	125mm	100mm	87	610*418*505
	Head (m)	20.4	19.2	17.2	14.4	10	11	15		82	77	67	55	40	75	100	250				
		18.7	17.3	15.2	11.7	-	11	15		75	70	58	45	-	75	100	240				
		17	15.5	13	8.5	-	7.5	10		69	63	48	33	-	55	75	230				
100-315	1450	36	35.5	34	31	26	22	30	2900	-	-	-	-	-	-	-	319	125mm	100mm	108	610*343*565
	Head (m)	34.3	33.6	31.5	28	22.5	22	30		-	-	-	-	-	-	-	310				
		31.2	30.1	27.7	23.5	16	18.5	25		-	-	-	-	-	-	-	300				
		29	27.5	25	19.5	-	15	20		-	-	-	-	-	-	-	290				
100-400	1450	57.5	57	54.5	50	41	45	60	2900	-	-	-	-	-	-	-	404	125mm	100mm	159	670*527*635
	Head (m)	51	49.5	47	41	30	37	50		-	-	-	-	-	-	-	380				
		46	45	41	34	-	30	40		-	-	-	-	-	-	-	360				
		41	39	39.5	25	-	22	30		-	-	-	-	-	-	-	340				
125-200	1450	13.8	13.7	13.1	11.6	8.8	11	15	2900	55.2	54.5	52.3	45.5	40	75	100	209	150mm	125mm	97	610*426*565
	Head (m)	12.6	12.5	11.7	9.8	6.3	11	15		50.4	49.8	46.5	38	32.2	75	100	200				
		11.4	11.2	10.1	7.8	-	7.5	10		45.6	44.6	40	30	-	55	75	190				
		10	9.9	8.5	-	-	7.5	10		41	39.5	33.5	-	-	45	60	180				
125-250	1450	23.2	22.2	20.5	18	14.3	18.5	25	2900	-	-	-	-	-	-	-	259	150mm	125mm	99	610*437*605
	Head (m)	21.4	20.3	18.4	15.8	11.7	18.5	25		-	-	-	-	-	-	-	250				
		19.3	18	16.2	13.2	9	15	20		-	-	-	-	-	-	-	240				
		17.4	16.1	14	11	-	15	20		-	-	-	-	-	-	-	230				
125-315	1450	34.3	33.2	31	27.5	21.5	30	40	2900	-	-	-	-	-	-	-	319	150mm	125mm	143	670*517*635
	Head (m)	32.3	31.2	28.7	24.7	-	30	40		-	-	-	-	-	-	-	310				
		30.1	28.8	26	21.2	-	30	40		-	-	-	-	-	-	-	300				
		28	26.5	23.2	17.5	-	22	30		-	-	-	-	-	-	-	290				
125-400	1450	57	55	51.7	45.5	34	55	75	2900	-	-	-	-	-	-	-	404	150mm	125mm	169	670*551*715
	Head (m)	55.5	53.6	50	43.5	32	55	75		-	-	-	-	-	-	-	400				
		50	48	48.6	35.5	-	45	60		-	-	-	-	-	-	-	380				
		45	42.2	37.2	26.5	-	37	50		-	-	-	-	-	-	-	360				
150-200	1450	11.3	10.5	9.7	8.5	7.2	15	20	2900	-	-	-	-	-	-	-	209	200mm	150mm	144	630*611*680
	Head (m)	10.6	9.9	9	7.4	6.6	11	15		-	-	-	-	-	-	-	200				
		9.9	9.2	8.4	6	5.8	11	15		-	-	-	-	-	-	-	190				
		8.3	7.7	7	5.3	-	11	15		-	-	-	-	-	-	-	156				
150-250	1450	21.2	20.8	19.2	16.5	14.6	30	40	2900	-	-	-	-	-	-	-	259	200mm	150mm	148	630*543*680
	Head (m)	19.5	19	17	14	12.2	22	30		-	-	-	-	-	-	-	250				
		17.8	17.3	15.3	12.2	10.4	18.5	25		-	-	-	-	-	-	-	235				
		16.5	16	13.8	10.7	-	18.5	25		-	-	-	-	-	-	-	223				
150-315	1450	33.5	33	30.5	28.5	22.5	37	50	2900	-	-	-	-	-	-	-	319	200mm	150mm	167	690*566*680
	Head (m)	31.8	31	28.2	26.2	19.5	37	50		-	-	-	-	-	-	-	310				
		29.5	28.4	25.5	23	-	30	40		-	-	-	-	-	-	-	300				
		28	26.5	23	20	-	30	40		-	-	-	-	-	-	-	290				
150-400	1450	56.5	55.5	51.5	46.5	37.5	90	125	2900	-	-	-	-	-	-	-	404	200mm	150mm	213	690*600*765
	Head (m)	49.5	48	44.3	38	28.5	75	100		-	-	-	-	-	-	-	380				
		44.5	43.3	39	32	22	75	100		-	-	-	-	-	-	-	360				
		40	38.5	34	26.5	-	55	75		-	-	-	-	-	-	-	340				

PERFORMANCE RANGE OF CENTRIFUGAL PUMPS



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Head

