



Megabloc

Bomba monobloco

1 Aplicações

Indicada para bombeamento de líquidos limpos ou turvos e tem aplicação preferencial em:

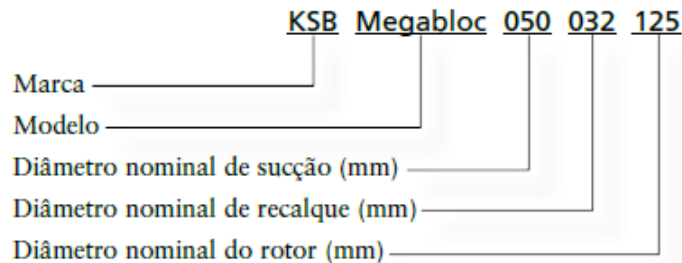
- Abastecimento em geral;
- Irrigação;
- Instalações prediais;
- Ar condicionado;
- Serviços de refrigeração;
- Indústria em geral;
- Circulação de condensados;
- Sistema combate a incêndio,

2 Descrição geral

Bomba centrífuga horizontal para uso geral, simples estágio de rotor fechado, sucção horizontal e descarga vertical, acoplada ao motor elétrico no sistema monobloco.

Além de compacta a KSB Megabloc também é “back-pull-out”, eliminando a necessidade de desconexão das tubulações de sucção e recalque para execução de eventuais serviços de manutenção.

3 Denominação



4 Dados de operação

Vazões	até 550 m ³ /h
Altura manométrica	até 140 m
Temperatura de operação	até 90°C
Pressão de sucção	até 3 bar
Motor - Classe de eficiência IE2 - Trifásico	220/380/440/760 V
Rotação	até 3500 rpm
Grau de proteção do motor	IP55

Tabela de seleção Megabloc IV polos - 1.750 rpm - 60Hz - Continuação

Modelo	cv	Bocais (*)		Diâmetro do Rotor (mm)	Altura Manométrica (mca)																					Altura máxima
		Sucção	Recalque		02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21		
					Vazão (m³/h)																					
100-065-125	1,0	4"	2.1/2"	123/109		60,0	40,0																	4,5		
100-065-125	1,5	4"	2.1/2"	126/120				50,0																5,9		
100-065-125	2,0	4"	2.1/2"	136/129				71,0	60,0															7,0		
100-065-125	3,0	4"	2.1/2"	141					90,0	70,0	65,0													9,0		
100-065-160	1,5	4"	2.1/2"	132				62,0	55,0	40,0														7,5		
100-065-160	2,0	4"	2.1/2"	145					72,0	62,0	55,0	35,0												9,3		
100-065-160	3,0	4"	2.1/2"	159							80,0	70,0	60,0	40,0										11,5		
100-065-160	4,0	4"	2.1/2"	162								82,0	76,0	65,0	46,0									13,0		
100-065-160	5,0	4"	2.1/2"	174									90,0	82,0	72,0	60,0								14,0		
100-065-200	3,0	4"	2.1/2"	175									70,0	66,0	60,0	55,0	40,0							15,0		
100-065-200	4,0	4"	2.1/2"	180										75,0	65,0	60,0	55,0	50,0	45,0					16,0		
100-065-200	5,0	4"	2.1/2"	193												80,0	73,0	68,0	60,0	52,0				18,2		
100-065-200	6,0	4"	2.1/2"	206														85,0	80,0	75,0	70,0	65,0	50,0	40,0	22,0	
100-065-200	7,5	4"	2.1/2"	219																	91,0	85,0	80,0	75,0	24,0	
100-065-250	7,5	4"	2.1/2"	215																72,0	70,0	67,0	60,0	55,0	22,5	
125-080-160	4,0	5"	3"	153/138				140,0	120,0	100,0	70,0														9,0	
125-080-160	5,0	5"	3"	155/149					145,0	130,0	110,0	85,0													10,2	
125-080-160	6,0	5"	3"	162							140,0	120,0	100,0	75,0											12,0	
125-080-160	7,5	5"	3"	174								160,0	150,0	136,0	110,0										14,0	
125-080-200	5,0	5"	3"	180										125,0	115,0	105,0	90,0	70,0							16,0	
125-080-200	6,0	5"	3"	190											131,0	122,0	115,0	100,0	85,0	60,0					17,6	
125-080-200	7,5	5"	3"	198													132,0	125,0	116,0	105,0	90,0				19,0	
125-080-200	10,0	5"	3"	208														150,0	142,0	135,0	125,0	110,0	95,0	75,0	22,0	
125-080-200	12,5	5"	3"	219																	153,0	140,0	130,0	120,0	24,0	
125-100-200	7,5	5"	4"	180												140,0	128,0	98,0							15,6	
125-100-200	10,0	5"	4"	180										190,0	180,0	160,0									15,6	
125-100-200	12,5	5"	4"	193													210,0	200,0	180,0	163,0	140,0				17,0	

(*) Bocais flangeados norma ANSI B16.1 125#FF.

- Tamanhos maiores, sob consulta.

Modelo	cv	Bocais (*)		Diâmetro do Rotor (mm)	Altura Manométrica (mca)																					Altura máxima
		Sucção	Recalque		22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41		
					Vazão (m³/h)																					
050-032-250	3,0	2"	1.1/4"	232	17,0	16,0	15,0	13,0	12,0																26,5	
050-032-250	4,0	2"	1.1/4"	246	21,0	20,0	19,0	18,0	17,0	16,0	15,0	13,0	9,0												31,0	
050-032-250	5,0	2"	1.1/4"	261			23,5	23,0	22,5	21,8	21,0	20,0	19,0	18,0	16,5	14,0	12,0								36,0	
050-032-250.1	3,0	2"	1.1/4"	254	14,5	14,0	13,3	12,5	12,0	11,5	10,5	10,0	8,5	7,5											32,0	
065-040-250	5,0	2.1/2"	1.1/2"	235	30,0	28,0	26,0	24,0	20,0	16,0															28,0	
065-040-250	6,0	2.1/2"	1.1/2"	260	42,0	41,0	40,0	39,0	38,0	36,0	35,0	33,0	31,0	29,0	26,0	22,0									34,0	
080-050-200	6,0	3"	2"	219	50,0	44,0	38,0																		25,0	
080-050-250	6,0	3"	2"	232	46,0	42,0	38,0	32,0																	27,5	
080-050-250	7,5	3"	2"	246	60,0	58,0	54,0	50,0	46,0	42,0	40,0	34,0	30,0											32,0		
080-050-250	10,0	3"	2"	260				64,0	62,0	58,0	56,0	52,0	48,0	44,0	40,0	34,0								35,0		
080-050-315	10,0	3"	2"	270					60,0	59,0	58,0	55,0	53,0	50,0	46,0	42,0	40,0	35,0						36,0		
100-065-200	10,0	4"	2.1/2"	219	70,0	60,0	45,0																		24,0	
100-065-250	10,0	4"	2.1/2"	246		90,0	85,0	82,0	78,0	75,0	70,0	65,0													30,0	
100-065-250	12,5	4"	2.1/2"	260				98,0	95,0	92,0	87,0	85,0	80,0	75,0	70,0										33,5	
100-065-315	10,0	4"	2.1/2"	260	95,0	92,5	90,0	88,0	85,0	82,5	80,0	75,0	70,0	65,0	60,0										34,0	
100-065-315	12,5	4"	2.1/2"	270				98,0	96,0	94,0	92,5														35,0	
125-080-250	10,0	5"	3"	223	105,0	85,0	74,0																		25,0	
125-080-250	12,5	5"	3"	231	115,0	110,0	100,0	90,0	80,0																27,5	

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- Tamanhos maiores, sob consulta.