Stainless Steel Centrifugal Pump

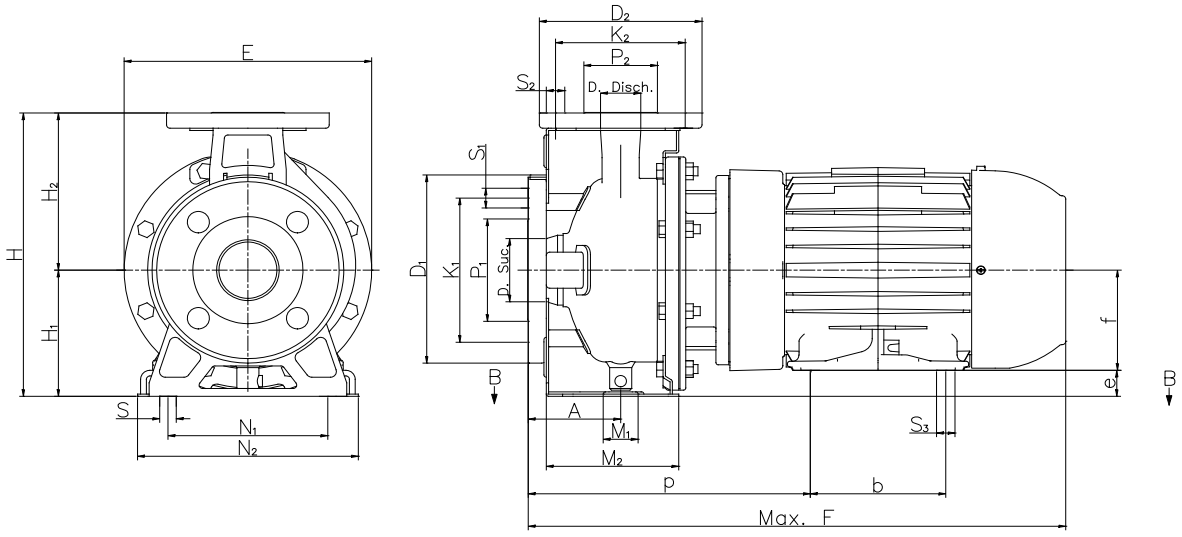
Model 3U

Dimensions

EBARA

EBARA Pumps Americas Corporation

Pump Dimensions

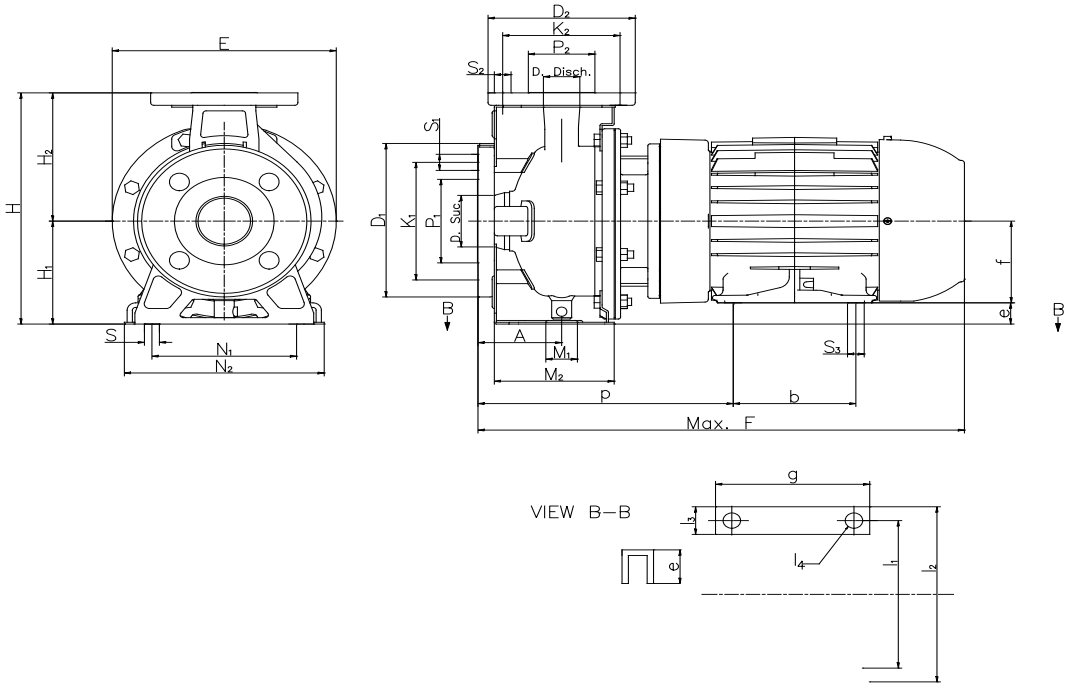


Unit: inch

Model	Size	Flange										Pump									
		Suction					Discharge														
		D Suc.	P_1	K_1	D_1	S_1	D Disch.	P_2	K_2	D_2	S_2	A	E	H	H_1	H_2	M_1	M_2	N_1	N_2	S
32-125-3HP	1¼ x 2 x 5⁹⁄₁₆	2	3¾	4¹⁵⁄₁₆	6½	¹¹⁄₁₆	1¼	2½	3½	5½	⅝	3⅛	8⅜	9¹⁵⁄₁₆	4⁷⁄₁₆	5½	2¾	4½	5½	7½	⁹⁄₁₆
32-160A-5HP	1¼ x 2 x 5¹⁵⁄₁₆	2	3¾	4¹⁵⁄₁₆	6½	¹¹⁄₁₆	1¼	2½	3½	5½	⅝	3⅛	10	11½	5³⁄₁₆	6⁵⁄₁₆	2¾	4⅝	7½	9⁷⁄₁₆	⁹⁄₁₆
32-160B-5HP	1¼ x 2 x 6⁹⁄₁₆	2	3¾	4¹⁵⁄₁₆	6½	¹¹⁄₁₆	1¼	2½	3½	5½	⅝	3⅛	10	11½	5³⁄₁₆	6⁵⁄₁₆	2¾	4⅝	7½	9⁷⁄₁₆	⁹⁄₁₆
32-200-7½HP	1¼ x 2 x 7⁹⁄₁₆	2	3¾	4¹⁵⁄₁₆	6½	¹¹⁄₁₆	1¼	2½	3½	5½	⅝	3⅛	11⁹⁄₁₆	13⅜	6⁵⁄₁₆	7½	2¾	4¹¹⁄₁₆	7½	9⁷⁄₁₆	⁹⁄₁₆
32-200-10HP	1¼ x 2 x 7⅞	2	3¾	4¹⁵⁄₁₆	6½	¹¹⁄₁₆	1¼	2½	3½	5½	⅝	3⅛	11⁹⁄₁₆	13⅜	6⁵⁄₁₆	7½	2¾	4¹¹⁄₁₆	7½	9⁷⁄₁₆	⁹⁄₁₆
40-125A-5HP	1½ x 2½ x 4¹⁵⁄₁₆	2½	4⁹⁄₁₆	5¹¹⁄₁₆	7⁹⁄₁₆	¹¹⁄₁₆	1½	2⅞	3⅞	5⅞	⅝	3⅛	8⅜	9¹⁵⁄₁₆	4⁷⁄₁₆	5½	2¾	4½	6⁵⁄₁₆	8¼	⁹⁄₁₆
40-125B-5HP	1½ x 2½ x 5½	2½	4⁹⁄₁₆	5¹¹⁄₁₆	7⁹⁄₁₆	¹¹⁄₁₆	1½	2⅞	3⅞	5⅞	⅝	3⅛	8⅜	9¹⁵⁄₁₆	4⁷⁄₁₆	5½	2¾	4½	6⁵⁄₁₆	8¼	⁹⁄₁₆
40-160-7½HP	1½ x 2½ x 5¹⁵⁄₁₆	2½	4⁹⁄₁₆	5¹¹⁄₁₆	7⁹⁄₁₆	¹¹⁄₁₆	1½	2⅞	3⅞	5⅞	⅝	3⅛	10	11½	5³⁄₁₆	6⁵⁄₁₆	2¾	4⅝	7½	9⁷⁄₁₆	⁹⁄₁₆
40-160-1-10HP	1½ x 2½ x 6⁹⁄₁₆	2½	4⁹⁄₁₆	5¹¹⁄₁₆	7⁹⁄₁₆	¹¹⁄₁₆	1½	2⅞	3⅞	5⅞	⅝	3⅛	10	11½	5³⁄₁₆	6⁵⁄₁₆	2¾	4⅝	7½	9⁷⁄₁₆	⁹⁄₁₆
40-200A-15HP	1½ x 2½ x 7³⁄₁₆	2½	4⁹⁄₁₆	5¹¹⁄₁₆	7⁹⁄₁₆	¹¹⁄₁₆	1½	2⅞	3⅞	5⅞	⅝	3¹⁵⁄₁₆	11⁹⁄₁₆	13⅜	6⁵⁄₁₆	7½	2¾	4½	8⅜	10⁷⁄₁₆	⁹⁄₁₆
40-200B-15HP	1½ x 2½ x 7⅞	2½	4⁹⁄₁₆	5¹¹⁄₁₆	7⁹⁄₁₆	¹¹⁄₁₆	1½	2⅞	3⅞	5⅞	⅝	3¹⁵⁄₁₆	11⁹⁄₁₆	13⅜	6⁵⁄₁₆	7½	2¾	4½	8⅜	10⁷⁄₁₆	⁹⁄₁₆
50-125-7½HP	2 x 2½ x 5³⁄₁₆	2½	4⁹⁄₁₆	5¹¹⁄₁₆	7⁹⁄₁₆	¹¹⁄₁₆	2	3¾	4¹⁵⁄₁₆	6½	¹¹⁄₁₆	3¹⁵⁄₁₆	10	11½	5³⁄₁₆	6⁵⁄₁₆	2¾	4½	7½	9⁷⁄₁₆	⁹⁄₁₆
50-125-10HP	2 x 2½ x 5½	2½	4⁹⁄₁₆	5¹¹⁄₁₆	7⁹⁄₁₆	¹¹⁄₁₆	2	3¾	4¹⁵⁄₁₆	6½	¹¹⁄₁₆	3¹⁵⁄₁₆	10	11½	5³⁄₁₆	6⁵⁄₁₆	2¾	4½	7½	9⁷⁄₁₆	⁹⁄₁₆
50-160-10HP	2 x 2½ x 6¹⁄₁₆	2½	4⁹⁄₁₆	5¹¹⁄₁₆	7⁹⁄₁₆	¹¹⁄₁₆	2	3¾	4¹⁵⁄₁₆	6½	¹¹⁄₁₆	3¹⁵⁄₁₆	11¹¹⁄₁₆	13⅜	6⁵⁄₁₆	7½	2¾	4½	8⅜	10⁷⁄₁₆	⁹⁄₁₆
50-160-1-15HP	2 x 2½ x 6⁹⁄₁₆	2½	4⁹⁄₁₆	5¹¹⁄₁₆	7⁹⁄₁₆	¹¹⁄₁₆	2	3¾	4¹⁵⁄₁₆	6½	¹¹⁄₁₆	3¹⁵⁄₁₆	11¹¹⁄₁₆	13⅜	6⁵⁄₁₆	7½	2¾	4½	8⅜	10⁷⁄₁₆	⁹⁄₁₆

Pump Dimensions

3U 2-Pole Motor



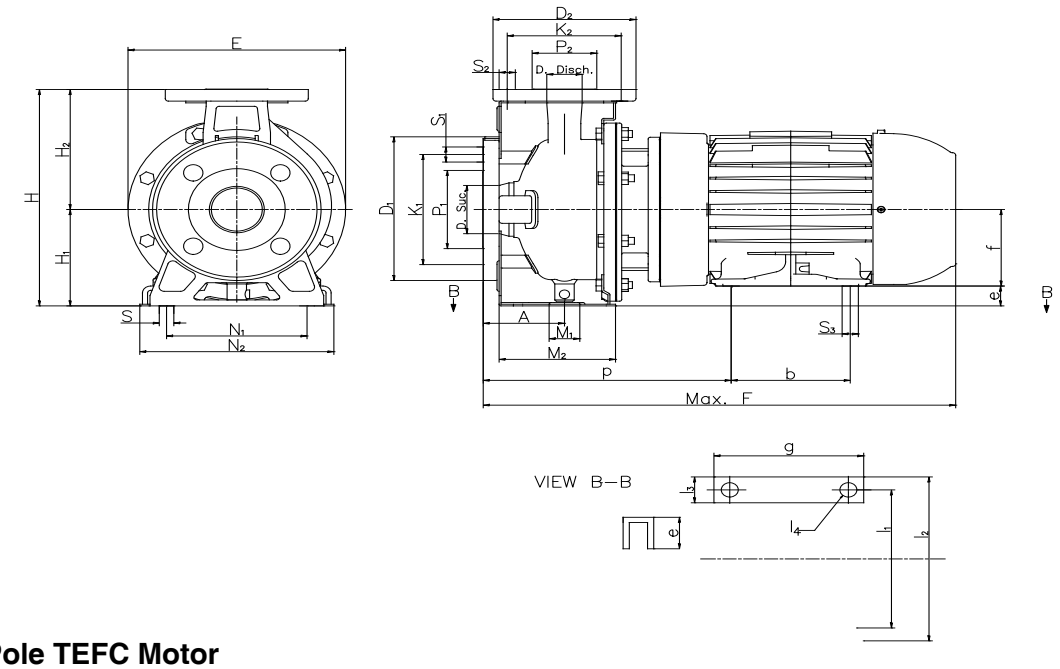
Unit: inch

Model	JM Frame	Motor									
		b	e	f	g	l_1	1_2	1_3	P	S_3	F
32-125	145JM	5	15/16	3½	5 15/16	5½	6½	1	6 9/16	11/32	18 15/16
	182JM	4½	-1/16	4½	6½	7½	8½	1	7 3/16	13/32	19 3/16
32-160A/B	182JM	4½	11/16	4½	6½	7½	8½	1	7 3/16	13/32	19 3/16
	184JM	5½	11/16	4½	6½	7½	8½	1	7 3/16	13/32	20 5/8
32-200	184JM	5½	1 13/16	4½	6½	7½	8½	1	7 3/16	13/32	22 1/8
	213JM	5½	1 1/16	5¼	8	8½	9½	1	8 3/16	13/32	20 3/4
	215JM	7	1 1/16	5¼	8	8½	9½	1	8 3/16	13/32	21 7/8
40-125A/B	182JM	4½	-1/16	4½	6½	7½	8½	1	7 3/16	13/32	19 3/16
	184JM	5½	-1/16	4½	6½	7½	8½	1	7 3/16	13/32	20 3/4
40-160	184JM	5½	11/16	4½	6½	7½	8½	1	7 3/16	13/32	22 1/8
	213JM	5½	-1/16	5¼	8	8½	9½	1	8 3/16	13/32	20 3/4
	215JM	7	-1/16	5¼	8	8½	9½	1	8 3/16	13/32	21 7/8
40-200	215JM	7	1 1/16	5¼	8	8½	9½	1	8 3/16	13/32	22 11/16
50-125	184JM	5½	11/16	4½	6½	7½	8½	1	7 3/16	13/32	22 15/16
	213JM	5½	-1/16	5¼	8	8½	9½	1	8 3/16	13/32	21 9/16
	215JM	7	-1/16	5¼	8	8½	9½	1	8 3/16	13/32	22 11/16
50-160	213JM	5½	1 1/16	5¼	8	8½	9½	1	8 3/16	13/32	21 9/16
	215JM	7	1 1/16	5¼	8	8½	9½	1	8 3/16	13/32	22 11/16

Remarks:

1. “e” dimensions (–) means $H_1 < f$.
   In this case, need distance piece under the pump.
2. “F” dimensions indicate maximum dimension.

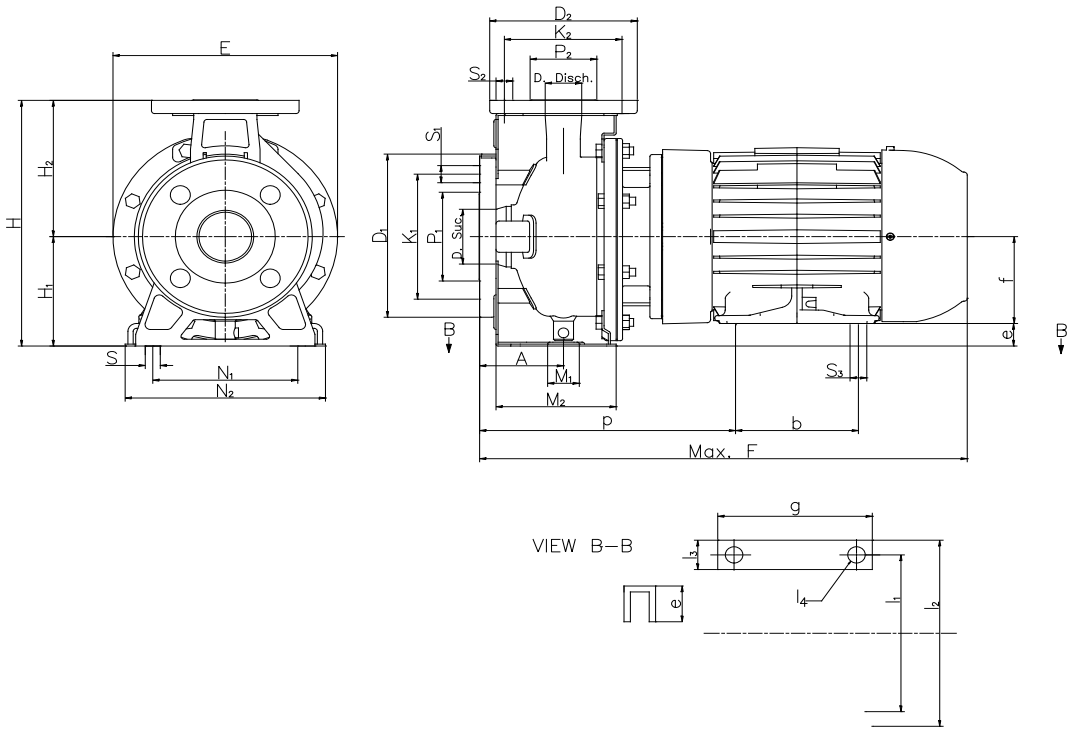
Pump Dimensions



3U 4-Pole TEFC Motor

Model	HP	Phase	JM Frame	b	e	f	g	l1	l2	l3	l4	P	S3	F
32-200	1	3	143JM	5	2 13/16	3½	5 15/16	5½	7½	1¾	5/16	9 11/16	⅜	19 13/16
	1	1	145JM	5	2 13/16	3½	5 15/16	5½	7½	1¾	5/16	9 11/16	⅜	19 13/16
	1.5	3	145JM	5	2 13/16	3½	5 15/16	5½	7½	1¾	5/16	9 11/16	⅜	19⅝
	1.5	1	145JM	5	2 13/16	3½	5 15/16	5½	7½	1¾	5/16	10⅛	⅜	20 13/16
	2	3	145JM	5	2 13/16	3½	5 15/16	5½	7½	1¾	5/16	10⅛	⅜	19 1/16
40-160	1	1	145JM	5	2 13/16	3½	5 15/16	5½	7½	1¾	5/16	7 9/16	⅜	19 13/16
	1	3	143JM	5	1 11/16	3½	5 15/16	5½	7½	1¾	5/16	7½	⅜	19¾
	1.5	3	145JM	5	1¾	3½	5 15/16	5½	7½	1¾	5/16	10⅛	⅜	18 11/16
40-200A/B	1.5	3	145JM	5	2 13/16	3½	5 15/16	5½	7½	1¾	5/16	7½	⅜	18¾
	2	3	145JM	5	2 13/16	3½	5 15/16	5½	7½	1¾	5/16	7½	⅜	18¾
50-125	1	3	143JM	5	1 11/16	3½	5 15/16	5½	7½	1¾	5/16	7½	⅜	19⅝
	1.5	3	145JM	5	1 11/16	3½	5 15/16	5½	7½	1¾	5/16	10⅞	⅜	19½
	2	3	145JM	5	1 11/16	3½	5 15/16	5½	7½	1¾	5/16	10⅞	⅜	19⅞
50-160	1.5	1	145JM	5	2 13/16	3½	5 15/16	5½	7½	1¾	5/16	10½	⅜	20 13/16
	1.5	3	145JM	5	2 13/16	3½	5 15/16	5½	7½	1¾	5/16	10½	⅜	19⅝
	2	3	145JM	5	2 13/16	3½	5 15/16	51/2	7½	1¾	5/16	10½	⅜	19⅝

Pump Dimensions

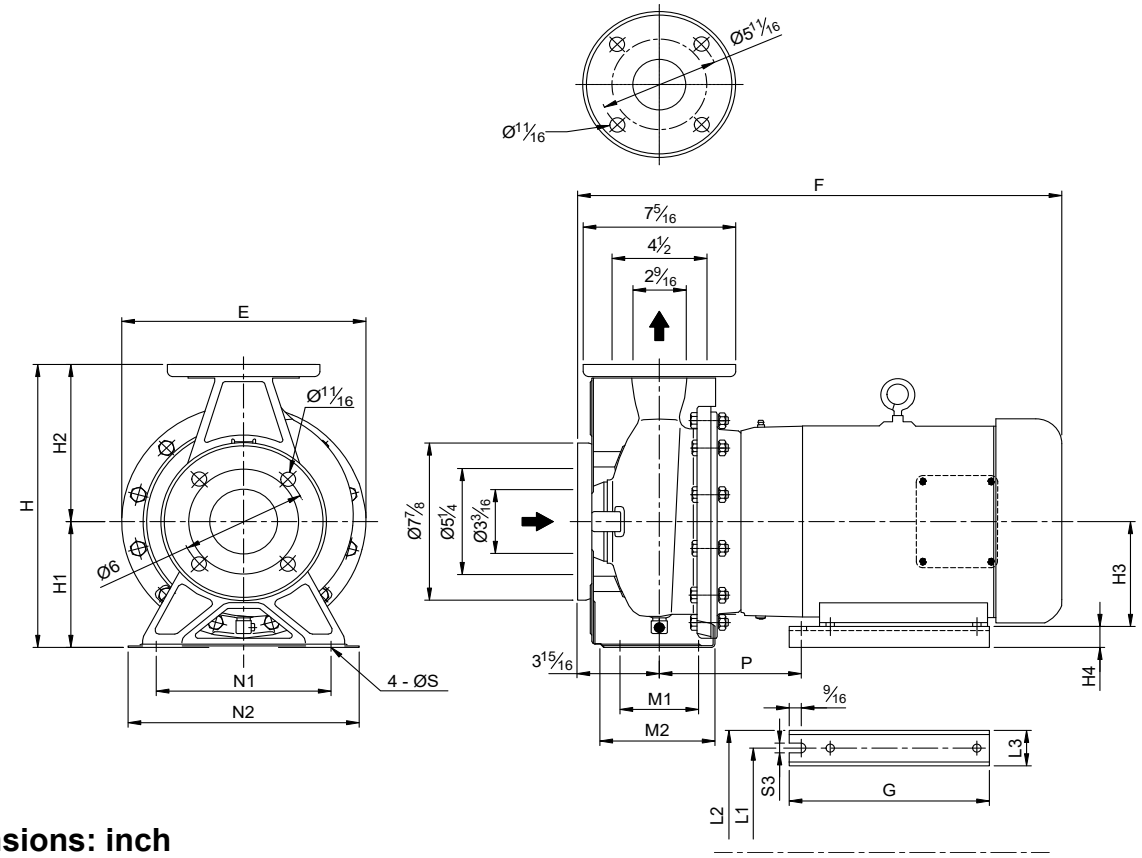


3U 4-Pole ODP Motor

Model	HP	Phase	JM Frame	b	e	f	g	l1	l2	l3	l4	P	S3	F
32-200	1	3	143JM	5	2 13/16	3 1/2	5 15/16	5 1/2	7 1/2	1 3/4	5/16	7 9/16	3/8	18 15/16
	1.5	3	145JM	5	2 13/16	3 1/2	5 15/16	5 1/2	7 1/2	1 3/4	5/16	7 9/16	3/8	18 15/16
	2	3	145JM	5	2 13/16	3 1/2	5 15/16	5 1/2	7 1/2	1 3/4	5/16	10 1/8	3/8	17 7/16
40-160	1	3	143JM	5	1 11/16	3 1/2	5 15/16	5 1/2	7 1/2	1 3/4	5/16	7 1/2	3/8	18 7/8
	1.5	3	145JM	5	1 11/16	3 1/2	5 15/16	5 1/2	7 1/2	1 3/4	5/16	10 1/8	3/8	17 7/16
40-200A/B	1.5	3	145JM	5	2 13/16	3 1/2	5 15/16	5 1/2	7 1/2	1 3/4	5/16	7 3/8	3/8	19 5/8
	2	3	145JM	5	2 13/16	3 1/2	5 15/16	5 1/2	7 1/2	1 3/4	5/16	7 3/8	3/8	19 5/8
50-125	1	3	143JM	5	1 11/16	3 1/2	5 15/16	5 1/2	7 1/2	1 3/4	5/16	7 3/8	3/8	18 3/4
	1.5	3	145JM	5	1 11/16	3 1/2	5 15/16	5 1/2	7 1/2	1 3/4	5/16	10 7/8	3/8	18 1/4
	2	3	145JM	5	1 11/16	3 1/2	5 15/16	5 1/2	7 1/2	1 3/4	5/16	10 7/8	3/8	18 1/4
50-160	1.5	3	145JM	5	2 13/16	3 1/2	5 15/16	5 1/2	7 1/2	1 3/4	5/16	10 7/8	3/8	17 1/8
	2	3	145JM	5	2 13/16	3 1/2	5 15/16	5 1/2	7 1/2	1 3/4	5/16	10 7/8	3/8	17 1/8

Dimensions

3U Type 1

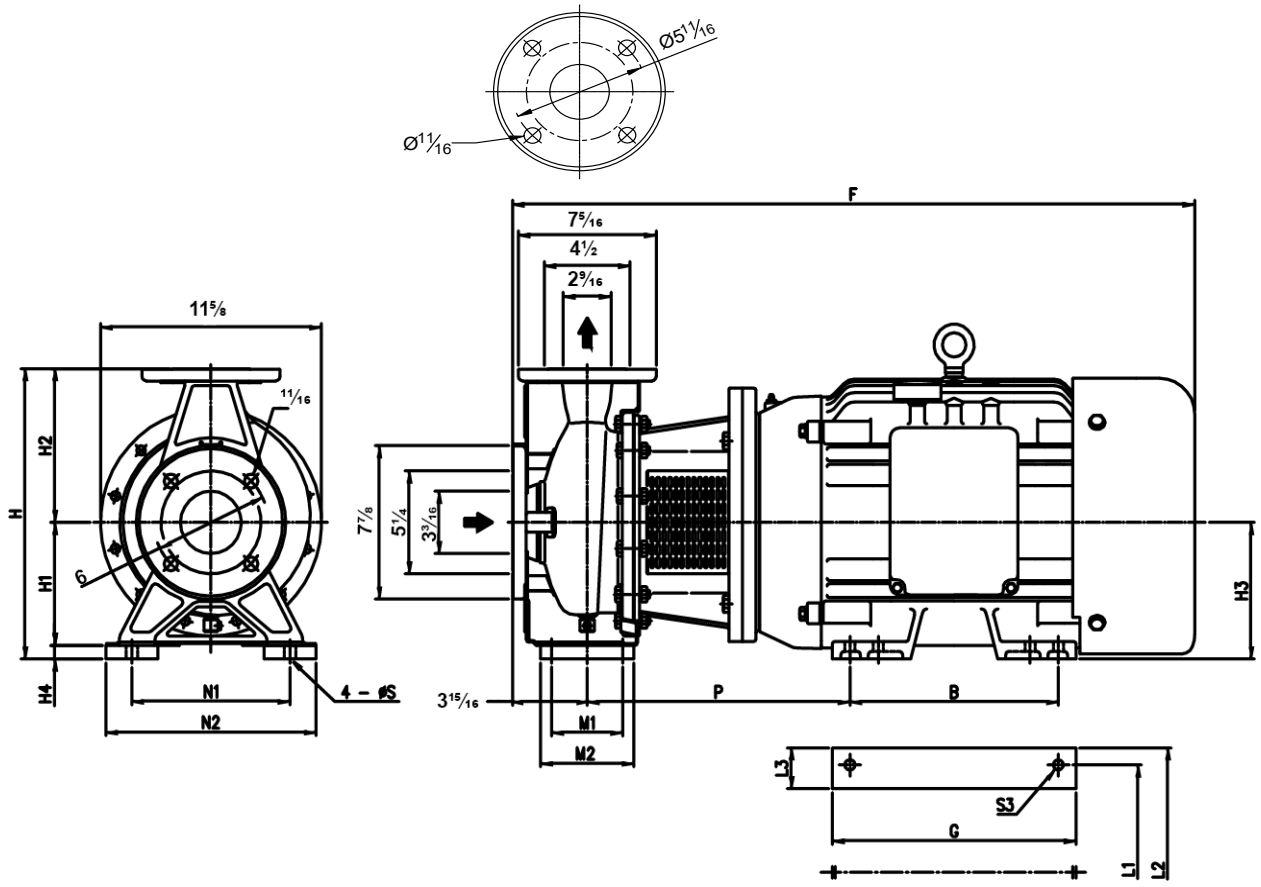


Dimensions: inch

Model	Size	Type	E	F	G	H	H_1	H_2	H_3	H_4	L_1	L_2	L_3	M_1	M_2	N_1	N_2	P	S	S_3
3U 65-125/7.5	2½ x 3 x 4⅞	1	10	23 3/16	9 9/16	13 3/8	6 15/16	7 1/16	5 1/4	1 1/16	8 1/2	10 1/4	1 3/4	3 3/4	5 1/2	8 3/8	11	16 9/16	9/16	½
3U 65-125/10	2½ x 3 x 5 5/16	1	10	23 3/16	9 9/16	13 3/8	6 15/16	7 1/16	5 1/4	1 1/16	8 1/2	10 1/4	1 3/4	3 3/4	5 1/2	8 3/8	11	16 9/16	9/16	½
3U 65-125/15	2½ x 3 x 5½	1	10	30 15/16	9 9/16	13 3/8	6 15/16	7 1/16	5 1/4	1 1/16	8 1/2	10 1/4	1 3/4	3 3/4	5 1/2	8 3/8	11	16 7/8	9/16	½
3U 65-160/10	2½ x 3 x 5¼	1	11 5/8	23 3/16	9 9/16	14 3/16	6 15/16	7 7/8	5 1/4	1 1/16	8 1/2	10 1/4	1 3/4	3 3/4	5 1/2	8 3/8	11	16 9/16	9/16	½
3U 65-160/15	2½ x 3 x 5 13/16	1	11 5/8	23 3/16	9 9/16	14 3/16	6 15/16	7 7/8	5 1/4	1 1/16	8 1/2	10 1/4	1 3/4	3 3/4	5 1/2	8 3/8	11	16 9/16	9/16	½

Dimensions

3U Type 2
3U Type 3



Dimensions: inch

Model	Size	Type	E	F	G	H	H_1	H_2	H_3	H_4	L_1	L_2	L_3	M_1	M_2	N_1	N_2	P	S	S_3
3U 65-125/20	2½ x 3 x 5⅞	3	10	33 1/16	11¾	13 7/16	6 5/16	7⅛	6¼	1/16	10	11 7/16	1⅜	3¾	5 3/16	8⅜	11 1/16	16⅞	9/16	9/16
3U 65-160/20	2½ x 3 x 6 5/16	3	11	33½	11¾	14 3/16	6 5/16	7⅛	6¼	1/16	10	11 7/16	1⅜	3¾	5 3/16	8⅜	11½	13 5/16	9/16	9/16
3U 65-160/25	2½ x 3 x 6⅞	3	11	36	12 13/16	14⅞	6 5/16	7⅛	7	1 1/16	11	12¾	–	3¾	4 15/16	8⅜	11⅛	13⅞	9/16	9/16
3U 65-200/20	2½ x 3 x 6¾	3	10	32⅜	13 9/16	15 15/16	7 1/16	8⅞	6¼	13/16	10	12⅜	2⅜	3¾	5½	9 13/16	12⅝	13 13/16	9/16	9/16
3U 65-200/25	2½ x 3 x 7 1/16	3	11	36	13	15 15/16	7 1/16	8⅞	7	1/16	11	12 15/16	1 15/16	3¾	5½	9 13/16	12⅝	13⅞	9/16	9/16