

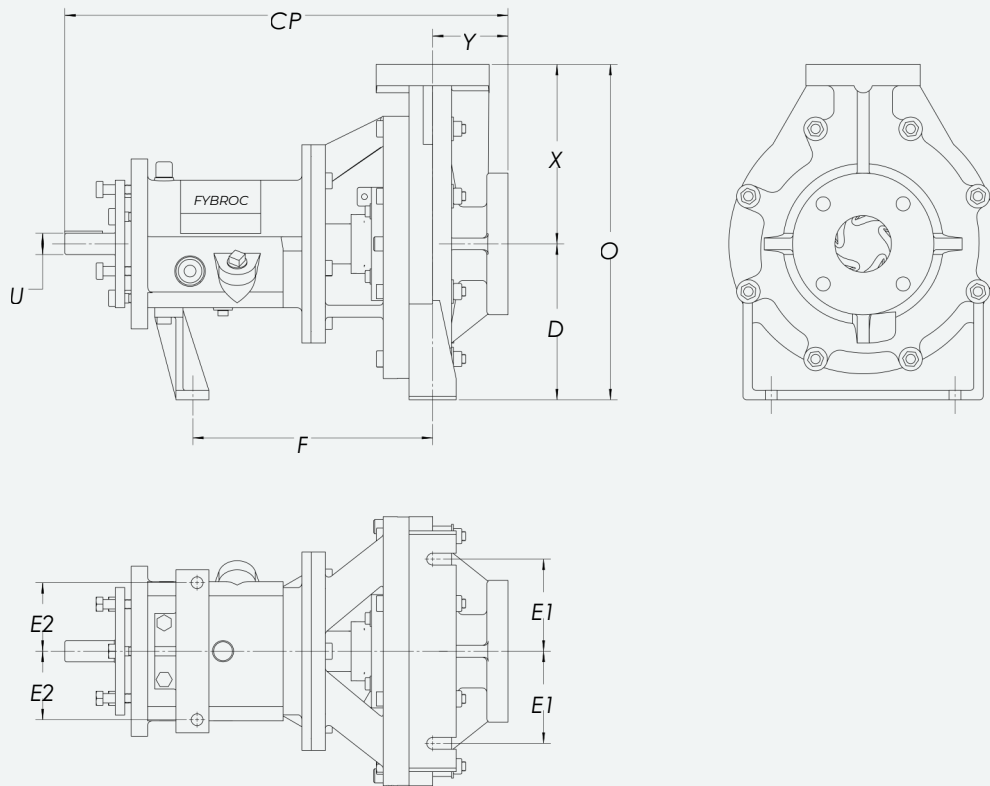
FYBROC™

SERIES 1500 HORIZONTAL PUMPS

INTERCHANGEABILITY GUIDE

FYBROC: THE DROP-IN ANSI B73.1 ALTERNATIVE

Fybroc pumps are designed and manufactured in accordance with ANSI/ASME B73.1 dimensional standards for horizontal end-suction centrifugal pumps. These standards establish interchangeability between manufacturers by defining critical dimensions such as the baseplate mounting footprint, shaft centerline height, and suction/discharge nozzle locations. As a result, Fybroc pumps can typically be installed on the existing baseplate and connected to existing piping without modification when replacing a pump of the same B73.1 size.



BRAND	GROUP	PUMP SIZE	D	O	Y	X	CP	F	2E ₁	2E ₂	U	H1	H2
Fybroc	1	1x1.5x6	5.25	11.75	4	6.5	17.5	7.25	6	0	0.875	0.625	0.625
Fybroc	1	1.5x3x6	5.25	11.75	4	6.5	17.5	7.25	6	0	0.875	0.625	0.625
Fybroc	1	2x3x6	5.25	11.75	4	6.5	17.5	7.25	6	0	0.875	0.625	0.625
Fybroc	1	1x1.5x8	5.25	11.75	4	6.5	17.5	7.25	6	0	0.875	0.625	0.625
Fybroc	2	1.5x3x8	8.25	16.75	4	8.5	23.5	12.5	9.75	7.25	1.125	0.625	0.625
Fybroc	2	2x3x8	8.25	17.75	4	9.5	23.5	12.5	9.75	7.25	1.125	0.625	0.625
Fybroc	2	3x4x8	8.25	19.25	4	11	23.5	12.5	9.75	7.25	1.125	0.625	0.625
Fybroc	2	1x2x10	8.25	16.75	4	8.5	23.5	12.5	9.75	7.25	1.125	0.625	0.625
Fybroc	2	1.5x3x10	8.25	16.75	4	8.5	23.5	12.5	9.75	7.25	1.125	0.625	0.625
Fybroc	2	2x3x10	8.25	17.75	4	9.5	23.5	12.5	9.75	7.25	1.125	0.625	0.625
Fybroc	2	3x4x10	8.25	19.25	4	11	23.5	12.5	9.75	7.25	1.125	0.625	0.625
Fybroc	2	4x4x10	8.25	20.75	4	12.5	23.5	12.5	9.75	7.25	1.125	0.625	0.625
Fybroc	2	4x6x10	10	23.5	4	13.5	23.5	12.5	9.75	7.25	1.125	0.625	0.625
Fybroc	2	2x3x13	10	21.5	4	11.5	23.5	12.5	9.75	7.25	1.125	0.625	0.625
Fybroc	2	3x4x13	10	22.5	4	12.5	23.5	12.5	9.75	7.25	1.125	0.625	0.625
Fybroc	2	4x6x13	10	23.5	4	13.5	23.5	12.5	9.75	7.25	1.125	0.625	0.625
Fybroc	3	6x8x13	14.5	30.5	6	16	33.875	18.75	16	9	2.375	0.875	0.875
Fybroc	3	8x10x15	14.5	33.5	6	19	33.875	18.75	16	9	2.375	0.875	0.875
Fybroc	3	10x12x16	18	44	7	26	35.125	17.75	22	14	2.375	0.875	0.875

CROSS-REFERENCE TABLES

The tables below cross-reference common pump models with their dimensionally equivalent Fybroc pump series, organized by ANSI B73.1 size designation (e.g., 1x1.5-6, 2x3-8, 3x4-10). To identify the appropriate Fybroc replacement, locate the installed pump model within the applicable table. This information is provided for reference only. Final pump selection should be based on application requirements and performance data.

For engineering support or help identifying the right Fybroc model for your application, **contact your Fybroc representative or visit www.tuskind.com.**

FLOWERVE GRP	FYBROC 1500	
1.5x1x6	1x1.5x6	1x1.5x8
3x1.5x6	1.5x3x6	
3x2x6K	2x3x6	
1.5x1x8	1x1.5x6	1x1.5x8
3x1.5x8	1.5x3x8	1.5x3x10
3x2x8	2x3x8	2x3x10
4x3x8	3x4x8	3x4x10
2x1x10	1x2x10	
3x1.5x10	1.5x3x8	1.5x3x10
4x3x10	3x4x8	3x4x10
6x4x10	4x6x10	4x6x13
3x1.5x13	SEE NOTE 1	
4x3x13	3x4x13	
8x6x13	6x8x13	
12x10x15	SEE NOTE 1	
12x10x15M	SEE NOTE 1	

FLOWERVE DURCO MARK 3	FYBROC 1500	
1.5x1-6	1x1.5x6	1x1.5x8
1.5x1-8	1x1.5x6	1x1.5x8
3x1.5-6	1.5x3x6	
3x1.5-8	SEE NOTE 1	
3x2-6	SEE NOTE 1	
3x2-8	2x3x8	2x3x10
4x3-8	3x4x8	3x4x10
2x1-10A	1x2x10	
3x1½-10A	1.5x3x8	1.5x3x10
3x2-10A	2x3x8	2x3x10
4x3-10	3x4x8	3x4x10
4x3-10H	3x4x13	
6x4-10	4x6x10	4x6x13
6x4-10A	4x6x10 (NOTE 2)	4x6x13 (NOTE 2)
6x4-10H	4x6x10 (NOTE 2)	4x6x13 (NOTE 2)
3x1½-13	SEE NOTE 1	
3x2-13	2x3x13	
4x3-13	3x4x13	
6x4-13A	4x6x10	4x6x13

GOULDS 3196 I-FRAME	FYBROC 1500	
1x1.5-6	1x1.5x6	1x1.5x8
1.5x3-6	1.5x3x6	
2x3-6	2x3x6	
1x1.5-8	1x1.5x6	1x1.5x8
1.5x3-8	1.5x3x6	
2x3-8	2x3x8	2x3x10
3x4-8	3x4x8	3x4x10
3x4-8G	3x4x8	3x4x10
1x2-10	1x2x10	
1.5x3-10	1.5x3x8	1.5x3x10
2x3-10	2x3x8	2x3x10
3x4-10	3x4x8	3x4x10
3x4-10H	3x4x13	
4x6-10G	4x6x10	4x6x13
4x6-10H	4x6x10	4x6x13
1.5x3-13	SEE NOTE 1	
2x3-13	2x3x13	
3x4-13	3x4x13	
4x6-13	4x6x10	4x6x13
6x8-13	6x8x13	
8x10-13	SEE NOTE 1	
6x8-15	SEE NOTE 1	
8x10-15	SEE NOTE 1	
8x10-15G	8x10x15	

NOTE 1:

Fybroc pump available with minor dimensional differences. Refer to the Fybroc dimensions listed above for specific dimensional details.

NOTE 2:

Pump size is dimensionally interchangeable at the pipe connections and baseplate. Replacement of the coupling is required due to a difference in pump shaft size.