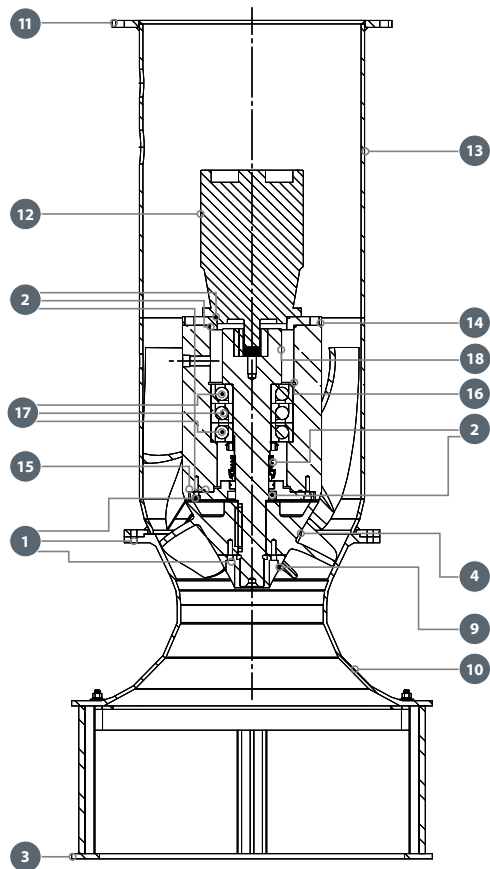
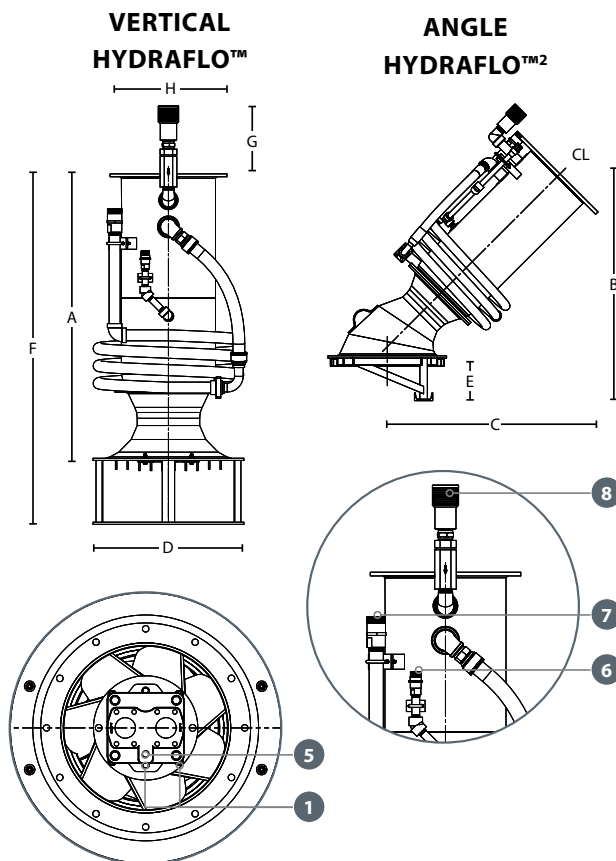


HYDRAFLO™ SINGLE-STAGE MIXED FLOW PHYSICAL DATA

DIMENSION GUIDE - IMPERIAL & METRIC MEASUREMENTS



1. Fastener Kit
2. Seal Kit (Mechanical Seal, Lip Seal, O-Ring)
3. Intake Stand
4. Impeller
5. Plug / Hydraulic Motor
6. Case Drain
7. Low-Pressure Return
8. High-Pressure Supply
9. Impeller Nut
10. Intake / Bowl
11. Gasket
12. Hydraulic Motor
13. Diffuser
14. Motor Mount Plate
15. Endplate
16. Retainer Ring
17. Bearing
18. Shaft



SIZE	VERTICAL PUMP HEIGHT ³		45° HEIGHT TO DISCHARGE CL ²		45° HORIZONTAL TO INTAKE CL ²		INTAKE Ø		INTAKE CLEARANCE		VERTICAL OVERALL HEIGHT ¹		HYDRAULIC PLUMBING OFFSET	
	A		B		C		D		E		F		G	
	IN.	MM.	IN.	MM.	IN.	MM.	IN.	MM.	IN.	MM.	IN.	MM.	IN.	MM.
HMF12	32 15/16	836.6	35 3/8	898.5	25 5/16	642.9	16	406.4	9	228.6	41 15/16	1065.2	8	203.2
HMF16	49 1/4	1251.0	49 5/8	1260.5	46 1/8	1171.6	21 5/16	541.3	9 3/8	238.1	58 5/8	1489.1	11 11/16	296.9
HMF20	44 3/16	1122.4	52 5/8	1336.7	43 1/2	1104.9	26 11/16	677.9	12	304.8	56 3/16	1427.2	10	254.0
HMF24	57	1447.8	57 1/4	1454.2	48 1/2	1231.9	32	812.8	13 1/4	336.6	70 1/4	1784.4	4 1/2	114.3
HMF30	70 3/4	1797.1	71 1/8	1806.6	54 5/16	1379.5	40	1016.0	15	381.0	85 3/4	2178.1	14 1/2	368.3
HMF36	80 1/8	2035.2	77 13/16	1976.4	60 3/4	1543.1	48	1219.2	15 3/16	385.8	95 5/16	2420.9	6 1/4	158.8
HMF42	87 1/2	2222.5	101 1/8	2568.6	85 1/8	2162.2	56	1422.4	21	533.4	108 1/2	2755.9	5 3/4	146.1

HYDRAFLO™ SINGLE-STAGE
MIXED FLOW PHYSICAL DATA
DIMENSION GUIDE - IMPERIAL & METRIC MEASUREMENTS



SIZE	FLANGE AT DISCHARGE ⁴							HOSE CONNECTION (INCHES)			APPROXIMATE VERTICAL PUMP VOLUME		APPROXIMATE VERTICAL PUMP WEIGHT	
	H							I			-		-	
	# OF HOLES	HOLE Ø		BOLT CIRCLE		FLANGE OD		HP SUPPLY	LP RETURN	CASE DRAIN	FT/3	M/3	LBS.	KG.
		IN.	MM.	IN.	MM.	IN.	MM.							
HMF12	12	5/8	15.9	14 7/8	377.8	16	406.4	1	1 1/4	3/4	23.2	822.3	800	363
HMF16	12	5/8	15.9	19	482.6	20 1/8	511.2	1 1/2	1 1/2	3/4	58.0	2054.4	840	381
HMF20	18	5/8	15.9	22	558.8	24 1/8	612.8	1 1/2	1 1/2	3/4	85.7	3032.4	1050	476
HMF24	20	5/8	15.9	26 3/8	669.9	28 1/8	714.4	1 1/2	1 1/2	3/4	139.1	4923.8	2200	998
HMF30	24	5/8	15.9	32 3/4	831.9	34 1/8	866.8	2	2	3/4	291.5	10318.0	3000	1361
HMF36	28	3/4	19.1	40 5/8	1031.9	43 1/8	1095.4	2 [2x]	2 [2x]	3/4	425.2	15052.4	4400	1996
HMF42	32	3/4	19.1	45 1/2	1155.7	49 1/8	1247.8	2 [2x]	2 [2x]	1	651.1	23047.4	6100	2767

(1) Strainer bars (intake screen) extend beyond intake flange (variable up to 2 inches). Dimension to intake flange is utilized here as a guide for spacing of opening to sump bottom.

(2) Intake bells are available as 45° or the standard vertical unit. (Consult factory for other available intakes.) All intakes can be provided with a stand to support water pump and ensure minimum inlet water requirements.

(3) If there are dimension limitations, consult factory as a shorter dimension may be obtainable.

(4) Optional A.S.A. and A.N.S.I. diameter and drilling flanges are available to match customer's existing pipe. Consult factory.