

TECHNICAL DATA SHEET FLS15

PUMP MODEL		FLS15-50-112P	FLS15-50-113P	FLS15-50-232P	FLS15-50-233P	FLS15-75-232P	FLS15-75-233P	FLS15-100-232P
PRODUCT CODE		438-0410	438-0420	438-0430	438-0440	438-1430	438-1440	438-2430
NUMBER OF STAGES		6	6	6	6	7	7	9
NUMBER OF WIRES		2	3	2	3	2	3	2
GPM		15	15	15	15	15	15	15
MOTOR CODE		153-0100	153-0240	153-0120	153-0260	153-0140	153-0280	153-0160
HP		1/2	1/2	1/2	1/2	3/4	3/4	1
VOLTAGE		115	115	230	230	230	230	230
AMPERAGE		7.9	11	4	5.3	5	6.6	6.7
PHASES		1	1	1	1	1	1	1
MOTOR LENGTH (in)		11.0	10.0	11.0	9.7	12.4	10.8	13.3
PUMP END LENGTH (in)		14.4	14.4	14.4	14.4	15.4	15.4	17.3
COMPLETE PUMP LENGTH (in)		25.4	24.4	25.4	24.1	27.8	26.2	30.6
MOTOR WEIGHT (lbs)		19	19	19	18	23	21	24
COMPLETE PUMP WEIGHT (lbs)					28	31	31	34
AWG WIRE SIZE	14	115	87	466	348	342	264	241
	12	183	138	742	553	545	420	383
	10	293	221	1183	883	869	670	611
	8	463	349	1874	1398	1376	1061	968
	6	721	544	2915	2175	2141	1651	1506
CONTROL BOX CSCR AWG WIRE SIZE	14				447		348	
	12				711		553	
	10				1135		883	
	8				1797		1398	
	6				2796		2175	

PUMP MODEL		FLS15-100-233P	FLS15-150-232P	FLS15-150-233P	FLS15-150-575P	FLS15-200-233P	FLS15-200-575P
PRODUCT CODE		438-2440	438-3430	438-3440	438-3470	438-4440	438-4470
NUMBER OF STAGES		9	12	12	12	15	15
NUMBER OF WIRES		3	2	3	3	3	3
GPM		15	15	15	15	15	15
MOTOR CODE		153-0300	153-0180	153-0320	153-0340	153-0360	153-0380
HP		1	1 1/2	1 1/2	1 1/2	2	2
VOLTAGE		230	230	230	575	230	575
AMPERAGE		8.1	9	9.1	2	9.9	2.7
PHASES		1	1	1	3	1	3
MOTOR LENGTH (in)		11.7	14.9	13.6	11.7	15.1	13.8
PUMP END LENGTH (in)		17.3	20.3	20.3	20.3	23.2	23.2
COMPLETE PUMP LENGTH (in)		29.0	35.2	33.9	32.0	38.3	37.0
MOTOR WEIGHT (lbs)		23	29	27	23	31	27
COMPLETE PUMP WEIGHT (lbs)		35					
AWG WIRE SIZE	14	226	199		2283		1660
	12	359	317		3631		2641
	10	573	505		5792		4212
	8	908	801				6671
	6	1413	1246				
CONTROL BOX CSCR AWG WIRE SIZE	14	304		197		180	
	12	484		314		286	
	10	772		501		456	
	8	1223		793		722	
	6	1903		1234		1123	

PUMP MODEL		FLS15-300-233P	FLS15-300-575P	FLS15-500-233P	FLS15-500-575P
PRODUCT CODE		438-5440	438-5470	438-6440	438-6470
NUMBER OF STAGES		20	20	32	32
NUMBER OF WIRES		3	3	3	3
GPM		15	15	15	15
MOTOR CODE		153-0400	153-0420	153-0440	153-0460
HP		3	3	5	5
VOLTAGE		230	575	230	575
AMPERAGE		14.3	3.7	24	7
PHASES		1	3	1	3
MOTOR LENGTH (in)		18.3	15.3	27.7	21.7
PUMP END LENGTH (in)		28.9	28.9	40.7	40.7
COMPLETE PUMP LENGTH (in)		47.2	44.2	68.4	62.4
MOTOR WEIGHT (lbs)		40	32	70	55
COMPLETE PUMP WEIGHT (lbs)					
AWG WIRE SIZE	14		1336		721
	12		2126		1147
	10		3390		1829
	8		5370		2897
	6				4507
CONTROL BOX CSCR AWG WIRE SIZE	14	133			
	12	211			
	10	337		206	
	8	534		326	
	6	830		507	



CHARACTERISTICS	
1	External 304 stainless steel check valve
2	304 stainless steel head
3	Top bearing support: rubber sleeve reduces sand wear
4	Improved performance and abrasion resistance thanks to the self-lubricating acetal floating impeller design
5	Color-coded impeller for easy identification of 6 gpm, 10 gpm, 15 gpm, and 25 gpm pumps
6	Polished stainless steel floating disk that reduces friction and dissipates heat
7	Ultra-abrasion-resistant wear rings with a separate bearing at each stage will reduce pressure loss
8	New nylon fiber diffusers provide high-performance and resist thermal shock
9	Threaded tube for easier repair and maintenance
10	304 stainless steel bracket

PUMPING CURVE

