

TECHNICAL DATA SHEET FLS25

PUMP MODEL		FLS25-75-232P	FLS25-75-233P	FLS25-100-232P	FLS25-100-233P	FLS25-150-232P	FLS25-150-233P	FLS25-150-575P
PRODUCT CODE		438-1630	438-1640	438-2630	438-2640	438-3630	438-3640	438-3670
NUMBER OF STAGES		5	5	6	6	8	8	8
NUMBER OF WIRES		2	3	2	3	2	3	3
GPM		25	25	25	25	25	25	25
MOTOR CODE		153-0140	153-0280	153-0160	153-0300	153-0180	153-0320	153-0340
HP		3/4	3/4	1	1	1 1/2	1 1/2	1 1/2
VOLTAGE		230	230	230	230	230	230	575
AMPERAGE		5	6.6	6.7	8.1	9	9.1	2
PHASES		1	1	1	1	1	1	3
MOTOR LENGTH (in)		12.4	10.8	13.3	11.7	14.9	13.6	11.7
PUMP END LENGTH (in)		13.4	13.4	14.4	14.4	16.3	16.3	16.3
COMPLETE PUMP LENGTH (in)		25.8	24.2	27.7	26.1	31.2	29.9	28.0
MOTOR WEIGHT (lbs)		23	21	24	23	29	27	23
COMPLETE PUMP WEIGHT (lbs)			30	31	33			
AWG WIRE SIZE	14	342	264	241	226	199		2283
	12	545	420	383	359	317		3631
	10	869	670	611	573	505		5792
	8	1376	1061	968	908	801		
	6	2141	1651	1506	1413	1246		
CONTROL BOX CSCR AWG WIRE SIZE	14		348		304		197	
	12		553		484		314	
	10		883		772		501	
	8		1398		1223		793	
	6		2175		1903		1234	

PUMP MODEL		FLS25-200-233P	FLS25-200-575P	FLS25-300-233P	FLS25-300-575P	FLS25-500-233P	FLS25-500-575P
PRODUCT CODE		438-4640	438-4670	438-5640	438-5670	438-6640	438-6670
NUMBER OF STAGES		10	10	14	14	21	21
NUMBER OF WIRES		3	3	3	3	3	3
GPM		25	25	25	25	25	25
MOTOR CODE		153-0360	153-0380	153-0400	153-0420	153-0440	153-0460
HP		2	2	3	3	5	5
VOLTAGE		230	575	230	575	230	575
AMPERAGE		9.9	2.7	14.3	3.7	24	7
PHASES		1	3	1	3	1	3
MOTOR LENGTH (in)		15.1	13.8	18.3	15.3	27.7	21.7
PUMP END LENGTH (in)		18.3	18.3	22.2	22.2	29.9	29.9
COMPLETE PUMP LENGTH (in)		33.4	32.1	40.5	37.5	57.6	51.6
MOTOR WEIGHT (lbs)		31	27	40	32	70	55
COMPLETE PUMP WEIGHT (lbs)							
AWG WIRE SIZE	14		1660		1336		721
	12		2641		2126		1147
	10		4212		3390		1829
	8		6671		5370		2897
	6						4507
CONTROL BOX CSCR AWG WIRE SIZE	14	180		133			
	12	286		211			
	10	456		337		206	
	8	722		534		326	
	6	1123		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

