

DSA 75 (Hydraulic Drive)

Triplex, Single Acting, Reciprocating Piston Pump

SPECIFICATIONS:

Stroke Length(mm)	75	Type of Drive	Danfoss Make, OMS Series Hydraulic Motor (Directly Coupled to Crank Shaft)				
No. of Cylinder	2	Type of Valve	Wing guided				
Maximum Stroke per minute (SPM)	200	Suction Port(mm)	40				
Input Power(HP)	12	Delivery Port(mm)	32				
TECHNICAL DATA							
LINER SIZE	MAXIMUM PRESSURE	DISPLACEMENT TS/REV	PUMP SPEED IN SPM				
			100	125	150	175	200
			INPUT HORSE POWER				
			6	8	9	11	12
MM	KG/CM2	LTR.	DISPLACEMENT IN LPM				
75	33.97	0.663	66	83	99	116	133
70	39.00	0.577	58	72	87	101	115
65	45.23	0.497	50	62	75	87	99
60	53.06	0.424	42	53	64	74	85
55	63.17	0.356	36	45	53	62	71
50	76.43	0.295	29	37	44	52	59

- ⚡ The Volumetric discharge is theoretical assuming pump running at 100% efficient.
- ⚡ The actual volumetric efficiency at which the pump operates is normally 90%
- ⚡ The above parameters are at 1.2 specific gravity of fluid. The pump can handle even more specific gravity fluids, but capacities will reduce correspondingly.

The specifications are subject to change without notice due to continued research & development.