

TSA 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 | 3 | Type of Valve | Wing guided | | | | |
| Maximum Stroke per minute (SPM) | 200 | Suction Port(mm) | 40 | | | | |
| Input Power(HP) | 18 | 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 | | | | |
| | | | 9 | 11 | 14 | 16 | 18 |
| MM | KG/CM2 | LTR. | DISPLACEMENT IN LPM | | | | |
| 75 | 33.97 | 0.994 | 99 | 124 | 149 | 174 | 199 |
| 70 | 39.00 | 0.865 | 87 | 108 | 130 | 151 | 173 |
| 65 | 45.23 | 0.746 | 75 | 93 | 112 | 131 | 149 |
| 60 | 53.06 | 0.636 | 64 | 80 | 95 | 111 | 127 |
| 55 | 63.17 | 0.534 | 53 | 67 | 80 | 93 | 107 |
| 50 | 76.43 | 0.442 | 44 | 55 | 66 | 77 | 88 |

- ⚡ 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.