

Gear Pumps

Cast Iron Single Group 2.5

- Up to 276 bar [4000 psi] continuous operating pressure
- Power density: 20% smaller envelope size than conventional pumps
- Flexibility: Integral valve options, multiple sections and reduced or common inlets for numerous configurations
- High volumetric efficiency
- High temperature capability
- Heavy duty ductile iron 3-piece construction
- Mounting flange options: SAE A and SAE B
- Port options: SAE flanged ports and O-ring Boss ports



		Frame Sizes														
		07	10	13	14	17	19	21	23	25	29	32	36	38	41	45
Displacement	cm ³ /rev [in ³ /rev]	7.0 [0.43]	9.5 [0.58]	12.6 [0.77]	14.3 [0.87]	17.0 [1.04]	19.0 [1.16]	20.5 [1.25]	22.5 [1.37]	25.4 [1.55]	29.0 [1.77]	31.8 [1.94]	36.0 [2.20]	38.0 [2.32]	41.0 [2.50]	45.1 [2.75]

DE1

Rated pressure	bar [psi]	276 [4000]	276 [4000]	276 [4000]	276 [4000]	276 [4000]	276 [4000]	276 [4000]	276 [4000]	276 [4000]	276 [4000]	276 [4000]	241 [3500]	228 [3300]	207 [3000]	190 [2750]	
Maximum speed	min ⁻¹ (rpm)	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3200	3000	2750	2750	2500	2500