

KAPPA series

Gear pumps and motors made of cast iron in two pieces. KAPPA is available with mounting flanges and side or rear ports according to SAE and European standard. The rigidity of assembly ensure reliability and high volumetric efficiency also at high operating pressures.

Displacements from 4,95 cm³/rev ▪ 0.30 in³/rev to 73,82 cm³/rev ▪ 4.50 in³/rev available in groups 20 and 30.

Max. peak pressure up to 330 bar ▪ 4800 psi.

Max. speed up to 4000 min⁻¹.



Main characteristics

	Displacement		Max. continuous pressure		Max. speed min ⁻¹
	cm ³ /rev	in ³ /rev	bar	psi	
KAPPA 20	cm ³ /rev	in ³ /rev	bar	psi	min ⁻¹
K. 20•4	4,95	0.30	285	4150	4000
K. 20•6,3	6,61	0.40	285	4150	4000
K. 20•8	8,26	0.50	285	4150	3500
K. 20•11,2	11,23	0.69	275	4000	3500
K. 20•14	14,53	0.89	265	3850	3500
K. 20•16	16,85	1.03	260	3750	3000
K. 20•20	21,14	1.29	210	3050	3000
K. 20•25	26,42	1.61	180	2600	2500
K. 20•31,5	33,03	2.01	140	2050	2500
KAPPA 30	cm ³ /rev	in ³ /rev	bar	psi	min ⁻¹
K. 30•27	26,70	1.63	280	4050	3000
K. 30•34	34,56	2.11	260	3750	3000
K. 30•38	39,27	2.40	260	3750	3000
K. 30•43	43,98	2.68	250	3600	3000
K. 30•51	51,83	3.16	230	3350	2500
K. 30•56	56,54	3.45	215	3100	2500
K. 30•61	61,26	3.74	200	2900	2500
K. 30•73	73,82	4.50	180	2600	2500

Features

- ◆ High operating pressures
- ◆ High efficiency at high temperature
- ◆ Low noise emission

Optional built-in valves

- ◆ Priority valves
- ◆ Load-Sensing priority valves

NOTES

K. : KP = pump / KM = motor