



Gear Pumps

GRP SERIES

TECHNICAL SPECIFICATION

- Standard flanges (SAE standard, British or German), with tapered, cylindrical or splined shafts.
- Covers with pressure relief valves and flow control valves and outrigger bearing for axial and radial loads.
- Cast iron flanges and covers version available to reduce the loudness level.
- Various frame sizes can be combined with each other, enabling double and triple pumps to be assembled. Single pumps can be both unidirectional or reversible; double and triple pumps unidirectional only.
- All standard pumps are arranged to engage another or more pumps, using the coupling kits, available also in the short version and or high and low pressure.

GRP05 SERIES

		Model						
		GRP05	002	003	005	007	010	012
Displacement		cm ³ rev ⁻¹	0,25	0,30	0,50	0,75	1,00	1,25
Max. pressure	cont.	bar	170	170	170	170	170	170
	int.		200	200	200	200	200	200
Max. speed		rpm	3.500	3.500	3.500	3.500	3.000	2.500

GRP10 SERIES

		Model											
		GRP10	011	013	016	021	027	032	037	042	048	058	080
Displacement		cm ³ rev ⁻¹	1,1	1,3	1,6	2,1	2,7	3,2	3,7	4,2	4,8	5,8	8,0
Max. pressure	cont.	bar	230	230	230	230	230	210	210	210	190	190	160
	int.		250	250	250	250	250	230	230	230	210	210	180
Max. speed		rpm	6.000	6.000	6.000	6.000	6.000	5.000	4.500	4.000	3.500	3.000	2.100

GRP20 SERIES

		Model								
		GRP20	042	062	085	110	150	190	220	260
Displacement		cm ³ rev ⁻¹	4,2	6,2	8,5	11,0	15,0	19,0	22,0	26,0
Max. pressure	cont.	bar	220	220	220	210	210	210	200	190
	int.		250	250	250	230	230	230	220	210
Max. speed		rpm	3.000	3.000	3.000	3.000	3.000	3.000	3.000	2.500

GRP30 SERIES

		Model											
		GRP30	200	220	250	280	320	360	420	460	500	550	600
Displacement		cm ³ rev ⁻¹	20	22	25	28	32	36	42	46	50	55	60
Max. pressure	cont.	bar	220	220	220	220	220	220	200	200	170	170	150
	int.		250	250	250	250	250	250	230	230	200	200	180
Max. speed		rpm	2.500	2.500	2.500	2.500	2.500	2.300	2.300	2.100	2.100	1.800	1.800

Information contained in this catalogue is accurate as of the publication date and is subject to change without notice. Performance values are typical values. Customers are responsible for selecting products for their applications using normal engineering methods.



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(Domestic market)

(International market)