

The product range of Bucher Hydraulics includes single pumps 05-100-212-212HP-250HP-300-312HP (corresponding with the common group denominations: 05-1-2-2.5-3) and several combinations of double pumps, triple pumps, and so on, that can be assembled together according to versions of displacement, flanging, and auxiliary valves.

Advantages

- High overall efficiency thanks to optimised hydraulic compensation
- Design and materials that guarantee excellent technical specifications and long life service
- Optimum quality/price ratio
- Customised models can be built for specific applications:
 - Dedicated front covers to improve mechanical and life performances in case of radial/axial loads
 - Dedicated back covers with integrated circuits to control pressure and flow.

Technical Data

Ordering Code	Material	Displacement cm ³ /rev	Operating pressure up to bar	Peak pressure bar	Min. speed rpm	Speed max. rpm
AP/APR05	Aluminium	0.25 - 1.6	190	230	500	7000
AP100	Aluminium	1.2 - 10.0	210	280	500	5000
AP/APR212	Aluminium	4.4 - 27.1	250	300	500	4000
AP300	Aluminium	27.0 - 93.0	220	280	500	3500
AP/APR212HP	Cast iron	15.1 - 34.1	250	300	500	3500
AP250HP	Cast iron	15.2 - 54.0	300	320	500	3500
AP312HP	Cast iron	40 - 75	300	320	500	3000

Downloads

[AP05 200-P-991218-en | Catalog / Data sheet | PDF | 1.0 MB](#)

[AP100 200-P-991218-en | Catalog / Data sheet | PDF | 1.5 MB](#)

[AP212 200-P-991230-en | Catalog / Data sheet | PDF | 5.6 MB](#)

[AP212-Dealers 200-P-991233-en | Catalog / Data sheet | PDF | 8.9 MB](#)

[AP300 200-P-991242-en | Catalog / Data sheet | PDF | 1.7 MB](#)

[AP300-Dealers 200-P-991241-en | Catalog / Data sheet | PDF | 4.0 MB](#)

[AP212-HP 200-P-991236-en | Catalog / Data sheet | PDF | 4.9 MB](#)

[AP250-HP 200-P-991234-en | Catalog / Data sheet | PDF | 3.8 MB](#)

[AP312HP 200-P-991239-en | Catalog / Data sheet | PDF | 4.1 MB](#)

[AP312-HP 200-FL-991631-en | Flyer | PDF | 2.5 MB](#)

Models

- Single pumps, unidirectional
- Single pumps, reversible
- Aluminium and cast iron versions
- Double and triple pumps, unidirectional, in several configurations.
- With integral flow or pressure control valve .
- With outrigger bearing for axial and radial loads.

Applications

- Tractors
- Agricultural machines
- Earth moving machines
- Lift trucks
- Construction machinery
- Front loaders
- Sweepers

- Hydraulic hoists