

TWO STAGE HYDRAULIC HAND PUMP

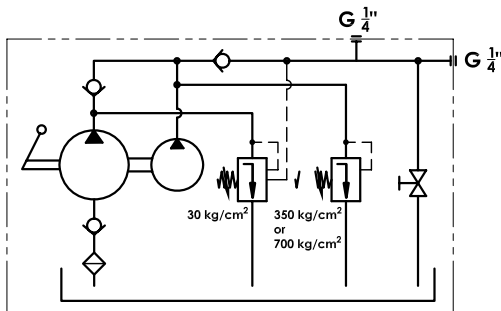
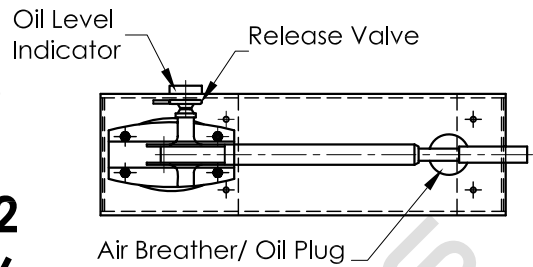
S M HYDRA
HYDRAULIC SOLUTIONS

Features:

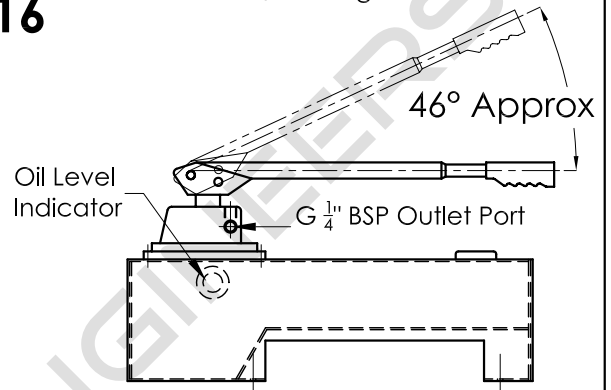
- * Heavy Duty Series
- * Hardened & Ground Pistons
- * Replacable parts for Suction, Delivery, Relief & Release operations
- * Two Stage Hand Pump for Higher Capacity Jacks
- * Compatible construction
- * Available in 350 kg/cm² & 700 kg/cm²

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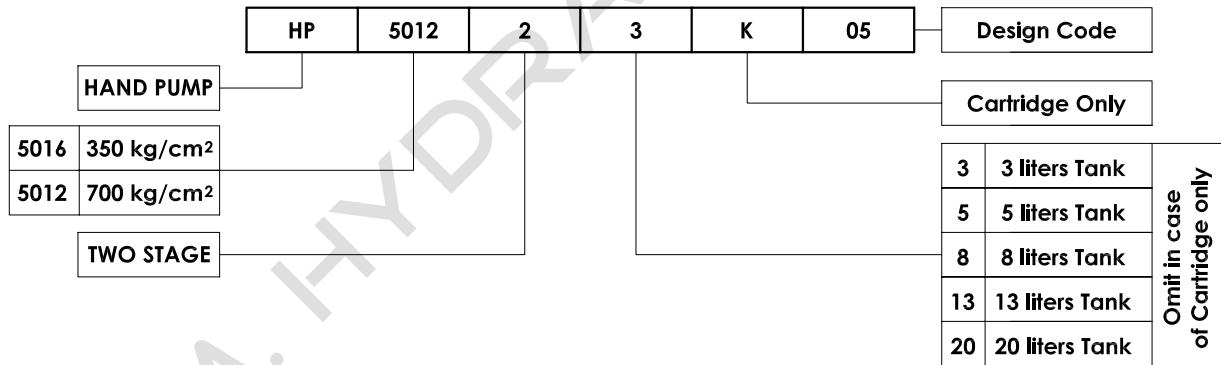
HP 5012
HP 5016



HYDRAULIC SYMBOL



ORDERING CODE



Pump Stage	Model	Pressure (kg/cm ²)		Flow/Stroke (cc)		Filling Capacity (liters)	Usable oil (liters)	Handle Force (kg)	Weight w/o oil (kg)
		1st Stage	2nd Stage	1st Stage	2nd Stage				
Two	HP-5016-2-3	30	350	49	2.8	3	1.9	40	4.8
	HP-5016-2-5	30	350	49	2.8	5	3.5	40	6
	HP-5016-2-8	30	350	49	2.8	8	7.5	40	9
	HP-5016-2-13	30	350	49	2.8	13	11	40	12
	HP-5016-2-20	30	350	49	2.8	20	16	40	15
	HP-5012-2-3	30	700	49	2.8	3	1.9	40	4.8
	HP-5012-2-5	30	700	49	2.8	5	3.5	40	6
	HP-5012-2-8	30	700	49	2.8	8	7.5	40	9
	HP-5012-2-13	30	700	49	2.8	13	11	40	12
	HP-5012-2-20	30	700	49	2.8	20	16	40	15

Note: Customized pumps are available on request. Accessories such as Pressure Gauge, Fittings & Couplers are optional.