

How does a hydraulic pump work?

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Hydraulic Pumps: How It Works | Gerrard Hydraulics Nov 5, 2018 — A hydraulic pump converts mechanical energy into hydraulic energy. When a hydraulic pump operates, it performs two functions. First, its

Hydraulic Pumps | Parts and Components | DTA Hydraulics What is a Hydraulic Pump and Why do You Need It? You can use hydraulic machines - equipped with a pump - to do different types of work such as lift, lower, Hydraulic pump - Wikipedia A hydraulic pump is a mechanical source of power that converts mechanical power into hydraulic energy (hydrostatic energy i.e. flow, pressure). It generates flow with enough power to overcome pressure induced by the load at the pump outlet. Hydrostatic pumps of various types all work on the principle of Pascal's law

LINDE HPR HYDRAULIC PUMP								
	D	B	d	da	Da	Radius	Chamfer	Oil Holes
A8VTO107LR3DS-60R1-NZG05K01-S	90 mm	13 mm	60 mm	67 mm	82 mm	0.6 mm	-	2 mm
A8V80SR	220 mm	20 mm	170 mm	183 mm	203 mm	1.5 mm	-	2.5 mm
BPR260-01/2290002562	220 mm	20 mm	170 mm	183 mm	203 mm	1.5 mm	-	2.5 mm
KFA2FO80/61R-DEK64*G*	165 mm	22 mm	80 mm	117 mm	132 mm	-	1 mm	3 mm
BPR105-01/226000252	260 mm	25 mm	200 mm	218 mm	238 mm	2 mm	-	2.5 mm
K5V140DTP1E9R-9N02-1	65 mm	10 mm	40 mm	45 mm	56.8 mm	0.6 mm	-	1.5 mm
K5V140DT-151R-9N29-AHV	310 mm	25 mm	250 mm	267 mm	289 mm	2 mm	-	2.5 mm
PR186T/4240005101	80 mm	13 mm	50 mm	57.2 mm	72 mm	0.6 mm	-	2 mm
HR16-11/41700051	140 mm	20 mm	90 mm	104 mm	120 mm	1 mm	-	2.5 mm

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MPR43-01/53000025	180 mm	25 mm	120 mm	138 mm	158 mm	1.5 mm	-	2.5 mm
MPR43-01/530000255	295 mm	35 mm	200 mm	238 mm	258 mm	2 mm	-	3 mm
K5V80DTP1LHR-9C05	200 mm	25 mm	140 mm	161 mm	178 mm	1.5 mm	-	2.5 mm
A8V107SR7	41 mm	8 mm	25 mm	27.9 mm	35.8 mm	0.6 mm	-	1.5 mm
BPR140-01/2270002563	330 mm	30 mm	250 mm	280 mm	299 mm	2 mm	-	3 mm
BPR50-01/2240002502	210 mm	25 mm	90 mm	139 mm	157 mm	-	1.5 mm	3 mm
BPR140-01/2270002562	55 mm	10 mm	30 mm	35 mm	46.8 mm	0.6 mm	-	1.5 mm
K5V140DTP1K9R-YT0K-HV	170 mm	20 mm	120 mm	136 mm	153 mm	1.5 mm	-	2.5 mm
MPR43-01/5300002556	180 mm	25 mm	120 mm	138 mm	158 mm	1.5 mm	-	2.5 mm
K5V80DTP1J0R-9C0J	240 mm	25 mm	190 mm	203 mm	223 mm	1 mm	-	2.5 mm
MPR50-01/22060002503	200 mm	25 mm	140 mm	161 mm	178 mm	1.5 mm	-	2.5 mm
K5V140DTP1D9R-9N01-BL	60 mm	10 mm	35 mm	40 mm	51.8 mm	0.6 mm	-	1.5 mm
MPR50-01/22060002505	190 mm	25 mm	130 mm	148 mm	168 mm	1.5 mm	-	2.5 mm
KVA7VO55DRS-63R-MEK64	240 mm	28 mm	115 mm	168 mm	188 mm	-	1.5 mm	3 mm
K5V200DTPH1J1R-ZC09-V	280 mm	30 mm	200 mm	231 mm	248 mm	2 mm	-	3 mm
HR32-9/4	65 mm	10 mm	40 mm	45 mm	56.8 mm	0.6 mm	-	1.5 mm

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K5V80DT-100L-1002-V	260 mm	25 mm	200 mm	218 mm	238 mm	2 mm	-	2.5 mm
K5V140DTP1DLR-9TAS-FV	100 mm	13 mm	70 mm	77 mm	92 mm	0.6 mm	-	2 mm
A8VTO107LR3DS-60R1-434741	240 mm	28 mm	115 mm	168 mm	188 mm	-	1.5 mm	3 mm
MPR43-01/5300002552	140 mm	16 mm	100 mm	112 mm	129 mm	1 mm	-	2.5 mm
BPR75-01/225000252	405 mm	40 mm	300 mm	339 mm	361 mm	2.5 mm	-	4 mm
AA7V-SL500 DR 51LZFOO-SQ	120 mm	16 mm	80 mm	92 mm	109 mm	0.6 mm	-	2.5 mm
K5V200DTH10YR-9N0B-V	295 mm	35 mm	160 mm	218 mm	238 mm	-	2 mm	6 mm
AA7V-SL500HD51LZH0D	70 mm	10 mm	45 mm	50 mm	61.8 mm	0.6 mm	-	1.5 mm
K7V63S-119L-5E2L-V	150 mm	16 mm	120 mm	126 mm	143 mm	1 mm	-	2.5 mm
K5V200DTH10DR-9N0B-AV	41 mm	8 mm	25 mm	27.9 mm	35.8 mm	0.6 mm	-	1.5 mm
BPR105-01/2260002503	36 mm	8 mm	20 mm	22.9 mm	30.8 mm	0.6 mm	-	1.5 mm
HR25-9/419000516	300 mm	25 mm	240 mm	257 mm	279 mm	2 mm	-	2.5 mm
KFA2FO32-62-MEK64	240 mm	25 mm	180 mm	198 mm	218 mm	1.5 mm	-	2.5 mm
BPR186-01/2280002551	70 mm	10 mm	45 mm	50 mm	61.8 mm	0.6 mm	-	1.5 mm
MPR43-0	405 mm	40 mm	300 mm	339 mm	361 mm	2.5 mm	-	4 mm

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K5V140S- 105R-5P0 9	70 mm	12 mm	20 mm	35 mm	47 mm	-	0.6 mm	3 mm
K5V200D TH1X7R-9 N1H-V	70 mm	12 mm	20 mm	35 mm	47 mm	-	0.6 mm	3 mm
AL A7V- SL 1000 HD 51LZH OD-SO	165 mm	22 mm	80 mm	117 mm	132 mm	-	1 mm	3 mm
K5V200D PH1DBR- ZS24-V	260 mm	25 mm	200 mm	218 mm	238 mm	2 mm	-	2.5 mm
A7VSL25 0LV 51 LZ FOO-SO	70 mm	10 mm	45 mm	50 mm	61.8 mm	0.6 mm	-	1.5 mm
K5V200S H149R-5L 4D	240 mm	28 mm	115 mm	168 mm	188 mm	-	1.5 mm	3 mm
K5V200D TH10JR-9 C1Z-VI	65 mm	10 mm	40 mm	45 mm	56.8 mm	0.6 mm	-	1.5 mm
AL A7V- SL 500 HD 51LZH OD-SO	295 mm	35 mm	160 mm	218 mm	238 mm	-	2 mm	6 mm
K5V140D TP1T9R-9 N2A	405 mm	40 mm	300 mm	339 mm	361 mm	2.5 mm	-	4 mm
MPR43-0 1/530000 2524	140 mm	16 mm	100 mm	112 mm	129 mm	1 mm	-	2.5 mm
MPR63-0 1/531000 2524	160 mm	20 mm	110 mm	126 mm	143 mm	1 mm	-	2.5 mm
HR32-7/4 20000510 8	130 mm	16 mm	90 mm	104 mm	120 mm	1 mm	-	2.5 mm
KVA7VO8 ODRS/63L- MEK64	310 mm	25 mm	250 mm	267 mm	289 mm	2 mm	-	2.5 mm
K5V200S H117R-5E 59	90 mm	13 mm	60 mm	67 mm	82 mm	0.6 mm	-	2 mm

A8V28SR 2R111G1	190 mm	25 mm	130 mm	148 mm	168 mm	1.5 mm	-	2.5 mm
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