

Part number:

HYDROMA

HYDRAULICKÉ SYSTÉMY

**HIDROMA
SISTEMS**

UKŁADY HYDRAULICZNE

HYDROMA

ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

Combination Pumps Type SKP

LP 100 bar up to 16,7 cm³/rev HP 700 bar up to 2,7 cm³/rev

Features

Compact design.
With integrated low-pressure
switch-off valve and high-pressure
pressure limiting valve.
Direct installation of motor without
bell housing and coupling.



Applications

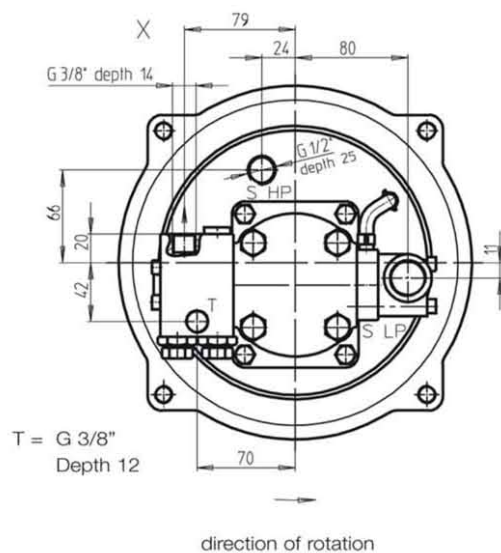
For applications that require high flow
rates in the low-pressure area and low
flow rates in the high-pressure area.
Therefore optimum utilisation of installed
power.

Technical data

Hydraulic fluid	mineral oil according to DIN 51524 (other fluids on request)
Fluid temperature range	NBR: -30 to 80 °C
	FPM: -20 to 80 °C
Ambient temperature range	-30 to 50 °C
Viscosity range	12 to 220 mm ² /s (optimal: 15 - 35)
Filtration	according to NAS 1638, class 8 or ISO 4406 16/14
Material	eccentric shaft: steel
	pump housing: cast aluminium
Weight	see dimension drawings
Installation position	vertical
Speed range	500 - 2000 rpm
Direction of rotation	only clockwise direction

LP 100 bar up to 16,7 cm³/rev HP 700 bar up to 2,7 cm³/rev

Weight 11,5 kg

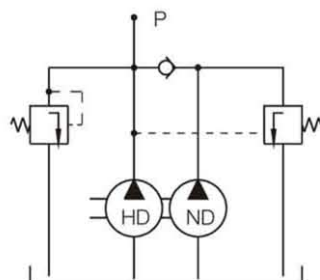


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Motor installation dimensions to DIN 42677																	Dimension drawing	
Pump types	SKP	01	-	0,5	-	700	-	4,5	-	70	-	P	-	A		00	size 80	1
	SKP	01	-	0,8	-	700	-	6,8	-	100	-	P	-	A		00	size 90 S	1
	SKP	11	-	1,5	-	700	-	7,5	-	100	-	P	-	A		00	size 100 L	2
	SKP	11	-	2,2	-	700	-	16,2	-	100	-	P	-	A		00	size 112 M	2
	SKP	11	-	2,7	-	700	-	16,7	-	100	-	P	-	A		00	size 132 S	3
Combination pump																	Special design 01 ... 99 (00 for standard)	
Size																	Part index Please leave it blank (small letters a-z; different letters do not effect interchangeability)	
Displacement HP [cm ³ /rev]																		
Operating pressure max. HP [bar]																		
Displacement LP [cm ³ /rev] (LP + HP)																	Design revision see dimension drawings (capital letters A-Z; identical letters equal same connecting dimensions)	
Operating pressure max. LP [bar]																		
Seals P (NBR)																		

Symbol

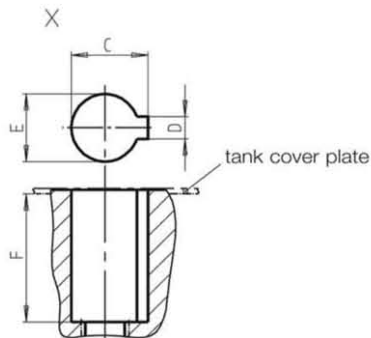
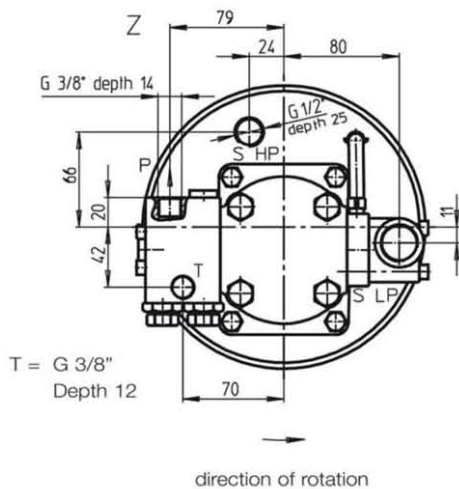
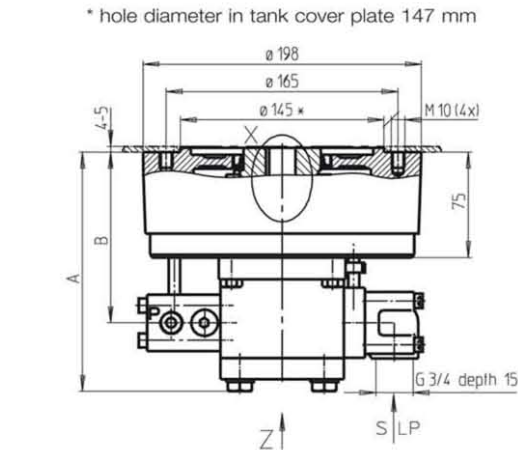


Combination Pumps Type SKP

LP 100 bar up to 16,7 cm³/rev HP 700 bar up to 2,7 cm³/rev

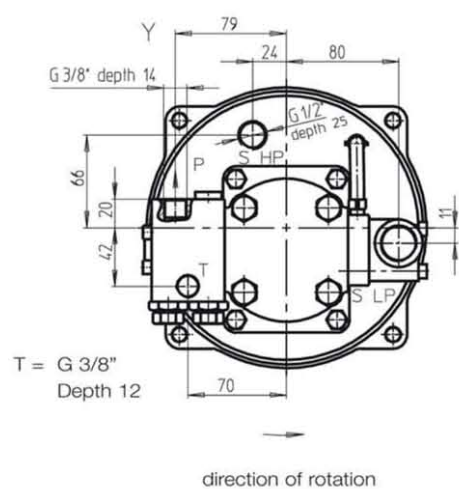
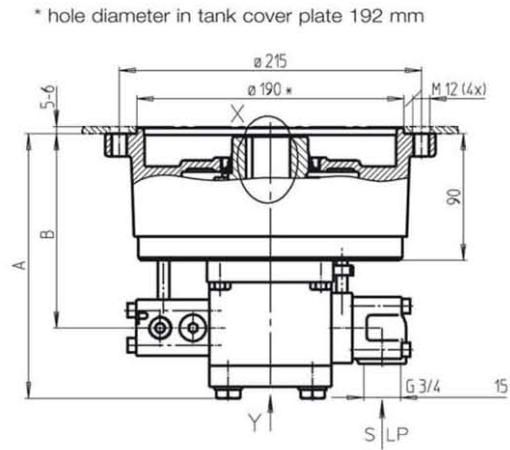
Dimension drawing 1

Weight 8,3 kg



Dimension drawing 2

Weight 10,2 kg



Pump type	A	B	C +0,1 / 0	D	E	F
SKP01-0,5-...	170	121	21,8	6H9	19F7	38
SKP01-0,8-...	173	123	27,3	8H9	24F7	48
SKP11-1,5-...	188	138	31,3	8H9	28F7	57
SKP11-2,2-...	202	145	31,3	8H9	28F7	57