

TECHNICAL CATALOGUE

Filtration & Hydraulic Accessories

Product specifications, dimensions and ordering configurations

28 October 2026

Product families: 15

Product, pattern & size references: 84

B-BBEE: Level 2

Select the product and exact configuration for the operating duty. The tables in this catalogue apply to the exact item, material, size and standard shown. Working, burst and test pressures are different quantities. Similar ordering references do not establish compatibility.

Application-specific assemblies, custom machining and configured equipment receive their final agreed specification with the quotation.

Request a quotation

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Provide the part code, size, quantity, required configuration and application. Include a drawing or photograph where available.

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Filtration & Hydraulic Accessories

Filtration, cooling, accumulators and instrumentation for a complete hydraulic circuit.

001 / PL/T - LEVEL GAUGES

Select the required connection and configuration for your application.

Ordering references: PL76 / PL127 / PL255 / PLT76 / PLT127 / PLT255

PL/T LEVEL GAUGES exact configuration

Part code	Orientation	labelled size; drawing reference unspecified (mm)	Thermometer
PL76	vertical	76	No
PL127	vertical	127	No
PL255	vertical	255	No
PLT76	vertical	76	Yes
PLT127	vertical	127	Yes
PLT255	vertical	255	Yes

Vertical hydraulic-tank level indicators, with or without a thermometer. The listed size requires confirmation against mounting centres and overall dimensions. Confirm seals, tank-wall mounting, fluid and temperature requirements.

Application & quotation checklist

Circuit position and required function; Flow, working pressure and temperature; Connection and installation dimensions; Filtration target or performance requirement

002 / TLA - SIGHT GLASSES

Select the required connection and configuration for your application.

Family reference: PL127

Ordering references: TLA-04 / TLA-06 / TLA-08 / TLA-12 / TLA-16 / TLA-20

TLA SIGHT GLASSES exact configuration

Part code	Nominal connection size; thread system unspecified
TLA-04	1/4
TLA-06	3/8
TLA-08	1/2
TLA-12	3/4
TLA-16	1
TLA-20	1-1/4

Threaded tank sight-glass nominal connection choices. Confirm the exact thread, viewing material, seal, pressure and temperature requirements.

Application & quotation checklist

Circuit position and required function; Flow, working pressure and temperature; Connection and installation dimensions; Filtration target or performance requirement

003 / TCAR - FILLING PLUGS

Select the required connection and configuration for your application.

Ordering references: TCAR-46 / TCAR-80

TCAR FILLING PLUGS exact configuration

Part code	labelled size; drawing reference unspecified (mm)
TCAR-80	80
TCAR-46	46

Tank accessory choices with the listed connection or size. Confirm the thread or mounting dimensions, material, sealing and operating temperature. A magnetic filter rod is not assigned a micron-filtration rating by this table.

Application & quotation checklist

Circuit position and required function; Flow, working pressure and temperature; Connection and installation dimensions; Filtration target or performance requirement

004 / TCF - FILLING PLUG WITH BREATHER

Select the required connection and configuration for your application.

Ordering references: TCF-12

TCF FILLING PLUG WITH BREATHER exact configuration

Part code	Nominal connection size; thread system unspecified
TCF-12	3/4

Tank accessory choices with the listed connection or size. Confirm the thread or mounting dimensions, material, sealing and operating temperature. A magnetic filter rod is not assigned a micron-filtration rating by this table.

Application & quotation checklist

Circuit position and required function; Flow, working pressure and temperature; Connection and installation dimensions; Filtration target or performance requirement

005 / TSFO - BREATHER PLUGS

Select the required connection and configuration for your application.

Ordering references: TSFO-04 / TSFO-06 / TSFO-08 / TSFO-12 / TSFO-16

Breather Plug Connection Choices

Part code	Nominal connection size
TSFO-04	1/4
TSFO-06	3/8
TSFO-08	1/2
TSFO-12	3/4
TSFO-16	1

Exact breather-plug codes and their stated nominal connection sizes. Confirm the exact thread standard, material, sealing, filtration and pressure/temperature requirements. The nominal size does not establish a complete breather performance rating.

Application & quotation checklist

Circuit position and required function; Flow, working pressure and temperature; Connection and installation dimensions; Filtration target or performance requirement

006 / FMC - MAGNETIC FILTER ROD

Select the required connection and configuration for your application.

Ordering references: FMC-06 / FMC-08 / FMC-12

FMC MAGNETIC FILTER ROD exact configuration

Part code	Nominal connection size; thread system unspecified
FMC-06	3/8
FMC-08	1/2
FMC-12	3/4

Tank accessory choices with the listed connection or size. Confirm the thread or mounting dimensions, material, sealing and operating temperature. A magnetic filter rod is not assigned a micron-filtration rating by this table.

Application & quotation checklist

Circuit position and required function; Flow, working pressure and temperature; Connection and installation dimensions; Filtration target or performance requirement

007 / TANKS - FOR MINI POWERPACKS

Select the required connection and configuration for your application.

Ordering references: E60303006 / E60303011 / E60303012 / E60303015 / E60303048 / H60303025 / H60303033

TANKS FOR MINI POWERPACKS exact configuration

Part code	Orientation	labelled size; drawing reference unspecified (mm)	Tank capacity l	Tank material	Tank shape
E60303006	Confirm	Confirm	5	steel; grade unspecified	cylindrical
E60303011	Confirm	Confirm	10	steel; grade unspecified	cylindrical
E60303012	Confirm	Confirm	12	steel; grade unspecified	cylindrical
E60303015	vertical	Confirm	20	steel; grade unspecified	square
E60303048	vertical	Confirm	30	steel; grade unspecified	square
H60303025	Confirm	170	5	plastic; polymer unspecified	square

TANKS FOR MINI POWERPACKS exact configuration

Part code	Orientation	labelled size; drawing reference unspecified (mm)	Tank capacity l	Tank material	Tank shape
H60303033	Confirm	170	8	plastic; polymer unspecified	square

Hydraulic reservoir capacities and listed construction configurations. Capacity is the stated tank capacity, not a system oil-fill recommendation. Confirm usable volume, freeboard, mounting, dimensions, porting and fluid compatibility for the selected power pack.

Application & quotation checklist

Circuit position and required function; Flow, working pressure and temperature; Connection and installation dimensions; Filtration target or performance requirement

008 / RECTANGULAR TANKS

Select the required connection and configuration for your application.

Ordering references: 100ltr-esm / 10ltr-esm / 18ltr-esm / 25ltr-esm / 40ltr-esm / 60ltr-esm / 80ltr-esm

RECTANGULAR TANKS exact configuration

Part code	Tank capacity l	Tank shape
10ltr-esm	10	rectangular
18ltr-esm	18	rectangular
25ltr-esm	25	rectangular
40ltr-esm	40	rectangular
60ltr-esm	60	rectangular
80ltr-esm	80	rectangular
100ltr-esm	100	rectangular

Hydraulic reservoir capacities and listed construction configurations. Capacity is the stated tank capacity, not a system oil-fill recommendation. Confirm usable volume, freeboard, mounting, dimensions, porting and fluid compatibility for the selected power pack.

Application & quotation checklist

Circuit position and required function; Flow, working pressure and temperature; Connection and installation dimensions; Filtration target or performance requirement

009 / Hydraulic Filters & Elements

Suction, return and pressure-side fluid filtration.

Application & quotation checklist

Circuit position and required function; Flow, working pressure and temperature; Connection and installation dimensions; Filtration target or performance requirement

This family is specified to the required application and configuration. The quotation confirms the selected material, dimensions and operating rating; no universal rating is implied for every option.

010 / Hydraulic Oil Coolers

Thermal management selected to the system heat load.

Application & quotation checklist

Circuit position and required function; Flow, working pressure and temperature; Connection and installation dimensions; Filtration target or performance requirement

This family is specified to the required application and configuration. The quotation confirms the selected material, dimensions and operating rating; no universal rating is implied for every option.

011 / Hydraulic Accumulators

Energy storage and pressure stabilisation for engineered circuits.

Ordering references: RBH 010 / RBH 025 / RBH 040 / RBH 055 / RBH 100 / RBH 120 / RBH 160 / ACC HST035 / ACC HST07 / ACC HST13 / ACC 0.32LT / ACC 0.75LT / ACC 1.4LT / ACC 2.8LT / ACC HB1 / ACC HB1.5 / ACC HB2.5 / ACC HB4.5 / ACC HB6 / ACC HB10 / ACC-HB10/2 / ACC HB20 / ACC HB25 / ACC HB35 / ACC HB50 / ACC CLAMP 92MM / ACC CLAMP114MM / ACC CLAMP125MM / ACC CLAMP168MM / ACC CLAMP180MM / ACC CLAMP219MM / ACC CLAMP240MM / ACC CLAMP250MM

Piston accumulator exact capacities and dimensions

Part code	Accumulator type	Bore mm	Hydraulic connection	Length l mm	Nominal capacity l	Outside diameter mm
RBH 010	piston	125	3/4 NPT	230	1	145
RBH 025	piston	125	3/4 NPT	350	2.5	145
RBH 040	piston	125	3/4 NPT	475	4	145
RBH 055	piston	125	3/4 NPT	600	5.5	145
RBH 100	piston	125	3/4 NPT	965	10	145
RBH 120	piston	125	3/4 NPT	1125	12	145

Piston accumulator exact capacities and dimensions

Part code	Accumulator type	Bore mm	Hydraulic connection	Length l mm	Nominal capacity l	Outside diameter mm
RBH 160	piston	125	3/4 NPT	1450	16	145

Piston accumulator capacity and external dimensions for the exact model. The listed model table does not establish working pressure, temperature or seal material. Confirm these limits for the selected model; bladder-accumulator ratings do not apply to this piston range.

Diaphragm accumulator HST selection / column group 1 of 2

Part code	Accumulator type	Dimension b mm	Dimension c mm	Dimension d mm	Dimension h mm	Hydraulic connection	Mass kg	Max flow l min (L/min)	Max nitrogen precharge bar
ACC HST035	diaphragm	100	22	101	152	M18×1.5 female	4	50	210
ACC HST07	diaphragm	80	22	100	218	M18×1.5 female	5.5	55	210
ACC HST13	diaphragm	180	22	125	232	M18×1.5 female	8.2	55	210

Identifying columns are repeated. Read all column groups together for the complete row specification.

Diaphragm accumulator HST selection / column group 2 of 2

Part code	Max pressure bar	Nominal capacity l
ACC HST035	300	0.35
ACC HST07	300	0.7
ACC HST13	300	1.3

Identifying columns are repeated. Read all column groups together for the complete row specification.

Diaphragm accumulator capacities, labelled dimensions and model-specific flow limits. Listed maximum pressure 300 bar; maximum nitrogen precharge 210 bar for this selection. Maximum precharge is a design limit; operating precharge must suit the circuit. Confirm fluid, seals, temperature and mounting drawing. Dimensions are confirmed for the selected model.

Small diaphragm accumulator model limits

Part code	Accumulator type	Body diameter mm	Mass kg	Nominal capacity l	max compression ratio	pressure bar	Temperature max c (°C)	Temperature min c (°C)
ACC 0.32LT	small diaphragm	93	1.4	0.32	1:8	210	90	-20
ACC 0.75LT	small diaphragm	120	2.6	0.75	1:8	210	90	-20
ACC 1.4LT	small diaphragm	150	4.9	1.4	1:6	250	90	-20

Small diaphragm accumulator model limits

Part code	Accumulator type	Body diameter mm	Mass kg	Nominal capacity l	max compression ratio	pressure bar	Temperature max c (°C)	Temperature min c (°C)
ACC 2.8LT	small diaphragm	174	10.8	2.8	1:4	250	90	-20

Small diaphragm accumulator model-specific capacity, pressure and compression-ratio selections. Temperature range -20°C to +90°C for the listed family. Pressure and compression-ratio limits vary by model. Confirm the hydraulic and gas connections and the application precharge; ambiguous gas-thread notation is not published as a verified connection.

Bladder accumulator exact model specification / column group 1 of 2

Part code	Accumulator type	Body material	Dimension b mm	Dimension ch mm	Dimension d mm	Dimension h mm	Hydraulic connection	Mass kg	Max flow l min (L/min)
ACC HB1	bladder	forged steel; grade not stated	52	36	114	295	3/4 BSP female	4.5	220
ACC HB1.5	bladder	forged steel; grade not stated	52	36	114	357	3/4 BSP female	5.5	220
ACC HB2.5	bladder	forged steel; grade not stated	63	50	114	520	1-1/4 BSP female	12	220
ACC HB4.5	bladder	forged steel; grade not stated	63	50	168	410	1-1/4 BSP female	16	400
ACC HB6	bladder	forged steel; grade not stated	63	50	168	505	1-1/4 BSP female	19.5	350
ACC HB10	bladder	forged steel; grade not stated	63	50	168	775	1-1/4 BSP female	36	300
ACC-HB10/2	bladder	forged steel; grade not stated	100	70	223	550	2 BSP female	48	630
ACC HB20	bladder	forged steel; grade not stated	100	70	223	870	2 BSP female	53	600
ACC HB25	bladder	forged steel; grade not stated	100	70	223	1030	2 BSP female	62	570
ACC HB35	bladder	forged steel; grade not stated	100	70	223	1400	2 BSP female	84	540
ACC HB50	bladder	forged steel; grade not stated	100	70	223	1900	2 BSP female	115	500

Identifying columns are repeated. Read all column groups together for the complete row specification.

Bladder accumulator exact model specification / column group 2 of 2

Part code	Max nitrogen precharge bar	Max pressure bar	nitrogen volume l	Temperature max c (°C)	Temperature min c (°C)
ACC HB1	230	350	1	80	-20
ACC HB1.5	230	350	1.5	80	-20

Bladder accumulator exact model specification / column group 2 of 2

Part code	Max nitrogen precharge bar	Max pressure bar	nitrogen volume l	Temperature max c (°C)	Temperature min c (°C)
ACC HB2.5	230	350	2.5	80	-20
ACC HB4.5	230	350	4	80	-20
ACC HB6	230	350	6	80	-20
ACC HB10	230	350	10	80	-20
ACC-HB10/2	230	350	10	80	-20
ACC HB20	230	350	18.5	80	-20
ACC HB25	230	350	24.9	80	-20
ACC HB35	230	350	33.5	80	-20
ACC HB50	230	350	49	80	-20

Identifying columns are repeated. Read all column groups together for the complete row specification.

Bladder accumulator gas volume, labelled dimensions, connection, flow and mass for each exact model. Standard listed selection: forged-steel body, 350 bar maximum pressure, 230 bar maximum nitrogen precharge and -20°C to +80°C. Maximum precharge is a design limit; operating precharge must suit the circuit. Material grade and standard bladder compound require confirmation; optional high-pressure or seal executions are separate configurations.

Accumulator mounting clamp labelled dimensions

Part code	Dimension a mm	Dimension b mm	Dimension h mm	Dimension i mm	Dimension p max mm	Dimension p mm	Dimension s max mm	Dimension s min mm	Part type
ACC CLAMP 92MM	156	50	9	17	136	100	101	92	accumulator clamp
ACC CLAMP114MM	156	50	9	17	136	100	117	109	accumulator clamp
ACC CLAMP125MM	156	50	9	17	136	100	126	117	accumulator clamp
ACC CLAMP168MM	156	50	9	17	136	100	169	158	accumulator clamp
ACC CLAMP180MM	156	50	9	17	136	100	194	180	accumulator clamp
ACC CLAMP219MM	156	50	9	17	136	100	222	209	accumulator clamp
ACC CLAMP240MM	156	50	9	17	136	100	246	235	accumulator clamp

Accumulator mounting clamp labelled dimensions

Part code	Dimension a mm	Dimension b mm	Dimension h mm	Dimension i mm	Dimension p max mm	Dimension p mm	Dimension s max mm	Dimension s min mm	Part type
ACC CLAMP250MM	156	50	9	17	136	100	259	248	accumulator clamp

Accumulator clamp size ranges and labelled mounting dimensions. Confirm the original mounting drawing, material, fasteners and supported load. The clamp code is a size identifier, not a pressure rating.

Application & quotation checklist

Circuit position and required function; Flow, working pressure and temperature; Connection and installation dimensions; Filtration target or performance requirement

012 / Pressure Gauges & Test Points

Pressure measurement and circuit diagnostic connections.

Application & quotation checklist

Circuit position and required function; Flow, working pressure and temperature; Connection and installation dimensions; Filtration target or performance requirement

This family is specified to the required application and configuration. The quotation confirms the selected material, dimensions and operating rating; no universal rating is implied for every option.

013 / Hydraulic Spin-On Filters

Exact specified model selection; legacy and current codes remain separate.

Ordering references: SOF25MIC-12 / SOF10MIC-12 / SOF25MIC-20 / SOF10MIC-20

Hydraulic Spin-On Filters exact configurations

Part code	Nominal connection size; thread system unspecified	filtration size micron (µm)
SOF25MIC-12	3/4	25
SOF10MIC-12	3/4	10
SOF25MIC-20	1-1/4	25
SOF10MIC-20	1-1/4	10

Hydraulic filter connections and listed micron sizes. The micron figure is not identified as nominal or absolute and has no stated beta ratio. Confirm rated flow, pressure, bypass setting, element compatibility and mounting dimensions. Filtration size alone does not establish system cleanliness performance.

Application & quotation checklist

Circuit position and required function; Flow, working pressure and temperature; Connection and installation dimensions; Filtration target or performance requirement

014 / Hydraulic Suction Strainers

Exact specified model selection; legacy and current codes remain separate.

Ordering references: SSTR-08 / SSTR-12 / SSTR-16 / SSTR-20 / SSTR-24 / SSTR-32

Hydraulic Suction Strainers exact configurations

Part code	connection designation
SSTR-08	G 1/2
SSTR-12	G 3/4
SSTR-16	G 1
SSTR-20	G 1-1/4
SSTR-24	G 1-1/2
SSTR-32	G 2

Tank-mounted suction strainer connection selections. Confirm mesh or micron size, pressure drop, oil viscosity, allowable flow and tank installation dimensions. Connection size alone does not establish suction capacity.

Hydraulic Suction Strainers exact configurations - construction & conditions

Parameter	Specification
Mounting	tank mounted

Tank-mounted suction strainer connection selections. Confirm mesh or micron size, pressure drop, oil viscosity, allowable flow and tank installation dimensions. Connection size alone does not establish suction capacity.

Application & quotation checklist

Circuit position and required function; Flow, working pressure and temperature; Connection and installation dimensions; Filtration target or performance requirement

015 / Hydraulic Tank-Top Filters

Exact specified model selection; legacy and current codes remain separate.

Ordering references: TTF-08 / TTF-12 / TTF-16 / TTF-20

Hydraulic Tank-Top Filters exact configurations

Part code	connection designation	filtration size micron (µm)
TTF-08	G 1/2	10
TTF-12	G 3/4	10
TTF-16	G 1	10
TTF-20	G 1-1/4	10

Hydraulic filter connections and listed micron sizes. The micron figure is not identified as nominal or absolute and has no stated beta ratio. Confirm rated flow, pressure, bypass setting, element compatibility and mounting dimensions. Filtration size alone does not establish system cleanliness performance.

Application & quotation checklist

Circuit position and required function; Flow, working pressure and temperature; Connection and installation dimensions; Filtration target or performance requirement