

ACCESSORIES

SHUT OFF VALVES



1151100 - 1/4" BSP (1/4" NPT)
1151120 - 3/8" BSP (3/8" NPT)
1151130 - 1/2" BSP (1/2" NPT)

RELIEF VALVES



For use on gear box housings and bearings.
Allows lubricant to be discharged externally to avoid excessive pressure.

Discharge pressure: 0,05 to 0,10 MPa (0.5 to 1 bar)
(7 to 15 psi.)

SPRAY CONTROL VALVES



1132100
1132300

Air inlet, lubricant inlet:
ø 1/4" BSP (1/4" NPT)
Weight 0,85 kg. (1.8 lb.)

Designed for the lubrication of slide surfaces, open gearing, chains and steel cables.
The measured amount of lubricant flowing out from the feeder opens the air valve.
Pressure is released when the pump is off.

1112000 - 1/8" BSP (1/8" NPT) taper
1112010 - 1/4" BSP (1/4" NPT) taper

Discharge pressure: 0,30 to 0,55 MPa (3 to 5.5 bar)
(45 to 80 psi.)

1112008 - 1/8" BSP (1/8" NPT) taper

DOUBLE ACTING SEALING VALVES



These valves are mounted in the main lines (one in each line) of oil systems to prevent oil draining from feeders situated in high positions.

STRAINERS

Can be used in feed lines or for charging reservoirs. Removable filter cartridge.



Strainer BSP - NPT Part No.			Filtering degree		Filtering cartridge Part No.
1/4"	3/8"	1/2"	Microns	Micro inch.	
1113235	1113245	1113255	25	.110	1113265
1113236	1113246	1113256	40	.0016	1113266
1113237	1113247	1113257	60	.0024	1113267
1113238	1113248	1113258	125	.005	1113268
1113230	1113240	1113250	150	.006	1113231
1113200	1113210	1113220	300	.012	1113205

Thread Ø taper BSP-NPT	Part No.	Pressure Opening Valves			
		1,5 bar (22 psi.)	4 bar (58 psi.)	6 bar (87 psi.)	12 bar (174 psi.)
1/4"		1163000	1163100	1163200	1163004
3/8"		2713000	2713100	2713200	2713002
1/2"		2711000	2711100	2711200	2711007

CONVERSION FITTINGS



Part No.	A BSP (male)	B NPT (female)	Hex		h.	
			mm.	in.	mm.	in.
3077086	3/8	1/8	17	43/64"	20	.79
3077125		1/4	17	43/64"	23,5	.93
3077128		3/8	22	7/8"	23,5	.93
3077087	1/2	1/2	24	61/64"	34	1.34
3077088		1/8	22	7/8"	22	.87
3077036		1/4	22	7/8"	22	.87
3077037	1/8	3/8	22	7/8"	28	1.10
3077038		1/2	24	61/64"	34	1.34
3077075		1/8	14	9/16"	21,5	.85
3077080	1/4	1/4	17	43/64"	25	1
3077081		3/8	22	7/8"	28	1.10
3077082		1/2	24	61/64"	31	1.22
3077083	1/8	1/8	14	9/16"	17	.67
3077059		1/4	17	43/64"	28	1.10
3077084		3/8	22	7/8"	30	1.18
3077085		1/2	24	61/64"	34	1.34



CENTRALISED LUBRICATION SYSTEMS

ACCESSORIES

PIPE CLIPS WITH ONE FIXING HOLE



- 111151 - tube \varnothing 4 - mount \varnothing 4,5
- 111201 - tube \varnothing 6 - mount \varnothing 5
- 111251 - tube \varnothing 8 - mount \varnothing 5
- 111301 - tube \varnothing 10 - mount \varnothing 5
- 111350 - tube \varnothing 12 - mount \varnothing 8,5
- 111370 - tube \varnothing 16 - mount \varnothing 10,5

- 111152 - 2 tubes \varnothing 4 - mount \varnothing 4,5
- 111153 - 3 tubes \varnothing 4 - mount \varnothing 4,5

PIPE CLIPS WITH TWO FIXING HOLES



- 111154 - 4 tubes \varnothing 4 - mount \varnothing 4,5
- 111155 - 5 tubes \varnothing 4 - mount \varnothing 4,5
- 111156 - 6 tubes \varnothing 4 - mount \varnothing 4,5
- 111158 - 8 tubes \varnothing 4 - mount \varnothing 5
- 111202 - 2 tubes \varnothing 6 - mount \varnothing 5
- 111203 - 3 tubes \varnothing 6 - mount \varnothing 5
- 111204 - 4 tubes \varnothing 6 - mount \varnothing 5
- 111205 - 5 tubes \varnothing 6 - mount \varnothing 5
- 111252 - 2 tubes \varnothing 8 - mount \varnothing 5
- 111253 - 3 tubes \varnothing 8 - mount \varnothing 5
- 111254 - 4 tubes \varnothing 8 - mount \varnothing 5
- 111255 - 5 tubes \varnothing 8 - mount \varnothing 5
- 111302 - 2 tubes \varnothing 10 - mount \varnothing 5
- 111306 - 3 tubes \varnothing 10 - mount \varnothing 5
- 111307 - 4 tubes \varnothing 10 - mount \varnothing 5
- 111308 - 5 tubes \varnothing 10 - mount \varnothing 5

END OF LINE FITTING



With built in sealing valve 'plate type'
Used for the lubrication points where water circulates under pressure.

Thread \varnothing BSP	For tube \varnothing	with 90° connect. Part No.	without 90° connect. Part No.
1/8"	8	1123020	1123050
1/4"	8	1123000	1123040
1/4"	8	-	•1123060

- Pressure max. 10MPa (100 bar)
(1450 psi.)

FIXING SCREWS



For pipe clip \varnothing	Part No.	\varnothing A mm.	L	\varnothing Bore
mm. 4	14352	M3	8	2,7
mm. 6 - 8	14355	M4	10	3,6
mm. 4	18065	3,5	8	3
mm. 6 - 8	18067	4,2	9,5	3,6

ROTARY CONNECTORS



For speeds up to 500 r.p.m. max.

- 936000 - 1/2" BSP taper m. 1/4" BSP f.
- 936100 - 3/8" BSP taper m. 1/4" BSP f.
- 936200 - 1/4" BSP taper m. 1/4" BSP f.
- 936300 - 3/8" BSP taper m. 1/8" BSP f.
- 936400 - 1/4" BSP taper m. 1/8" BSP f.
- 936500 - 1/8" BSP taper m. 1/8" BSP f.
- 936700 - M10x1 m. M10x1 f.

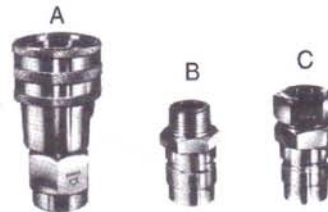
For speeds up to 100 r.p.m. max.

- 1168000 - 1/8" BSP taper m. 1/8" BSP f.
- 2712000 - 1/4" BSP taper m. 1/8" BSP f.

Oscillating only

- 936035 - 1/8" BSP taper m. 1/8" BSP taper f.
- 936040 - M10x1 taper m. M10x1 f.

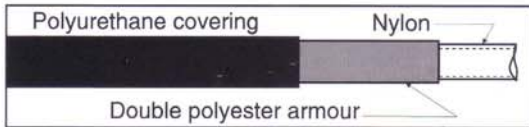
SNAP-ON CONNECTORS



\varnothing taper thread	1 seal male- female assembly Fig. A+B	2 seals female female assembly Fig. A+C	1 seal connect only Fig. A.	Union without seal Fig. B.	Union with 1 seal Fig. C
*1/8	-	959010	959011	-	959012
*1/4	919000	-	919020	919007	-
*1/4	966040	-	966035	966030+ 102651	-
	-	966025	966035	-	966030
*3/8	970100	-	970200	970400	-
	-	970000	970200	-	970300
*1/2	958100	-	958200	958400	-
	-	958000	958200	-	958300
*3/4	1520030	1520737	-	-	1522180
*1	1520738	1520538	-	-	-

- Max. operating pressure 15MPa (150 bar) (2150 psi.)
- * Max. operating pressure 40MPa (400 bar) (5700 psi.)

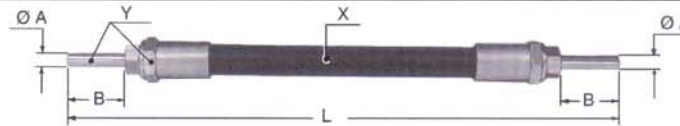
NYLON HOSES WITH REUSABLE FITTINGS



Tube only Part No.	ø Tube		Min. bend radius	Working pressure		Weight	
	Ext. mm.	Int. mm.		bar	psi.	kg.	lb.
3362026	8	3,18	38	200	3000	,050	.110
3362023	13	6,35	51	200	3000	,107	.335

FITTINGS	Part No.	For tube ø ext.	Thread	Straight tube ø	SWIVEL	Part No.	For tube ø Ext.	Thread	Straight tube ø
Solid male with cylindrical thread	3084393 3084421	8 13	BSP 1/8" BSP 1/4"	- -	EYE	3084395 3084409	8 13	- -	- -
Straight tube	3084424 3084422 3084425 3084385	8 8 13 13	- - - -	4 6 6 8	Fitting	3084408 3084410	8 13	BSP 1/8" BSP 1/4"	- -
90° swivel female	3084423 3084386	8 13	BSP 1/8" M14x1,5	- -	Nipple connector	102620 102621	- -	BSP 1/8" BSP 1/4"	- -

HOSES



Hose assy. with external steel armour Part No.	Hose assy. in oil-proof rubber Part No.	Rubber tube only 'X' Part No.	Union 'Y' Part No.	ø tube mm.		ø 'A' mm.	'B' mm.	Min. bend radius mm.	Working pressure	
				o.d.	i.d.				bar	psi.
107015	107010	107013	107014	13	4	4	20	35	100	1450
107016	107009	107013	107008	13	4	6	25	35	100	1450
104190	107031	101446	107032	17	6	6	24	50	170	2465
107042	107041	101624	107043	19	8	8	25	60	150	2175
104244	104240	104007	104009	19	8	10	25	60	450	6530
104245	104241	104008	104010	21	10	12	25	65	400	5805
104246	104242	104005	104011	24	13	16	30	70	350	5080
104247	104243	104006	104012	28	16	20	32	80	300	4350



Hose assy. with external steel armour Part No.	Hose assy. in oil-proof rubber Part No.	Rubber tube only 'X' Part No.	Male fitting swivel 'Y' Part No.	Male fitting solid 'Z' Part No.	ø tube mm.		ø 'A' thread BSP	Min. bend radius mm.	Working pressure	
					o.d.	i.d.			bar	psi.
104177	101413	107013	102514	102455	13	4	1/8	35	100	1450
104013	101414	107013	102515	102456	13	4	1/4	35	100	1450
101268	101267	101215	102517	102215	16,5	6	1/4	50	40	580
3351005	3351000	5712201	102518	102194	17	8	1/4	90	100	1450
3352009	3352006	5711100	102519	102195	17,5	8	1/4	105	200	2900
3352010	3352007	5711101	102520	102196	19,5	9,5	3/8	125	200	2900
3352011	3352008	5711102	102521	102197	23	13	3/8	180	200	2900
104251	104249	104007	102522	102198	19	8	1/4	60	450	6530
104250	104248	104008	102523	102199	21	10	3/8	65	400	5805

Note: To order a flexible tube in addition to the Part No. the length 'L' in cm. must be specified. 1 mm. = .039 in.

Rubber flexible tubes can be supplied in coils (max. length 15 m.) with the fittings loose, for assembly in the desired length, on the customers premises. Those with external steel armour must always be ordered complete.

TUBING AND TOOLS

Material	Sizes	Part No.	Weight		Pressure		Bushes for tubes
			kg/ml	kg/ml	bar	psi.	
Drawn steel tube	ø 6 x 1 in bars	5119812	.120	.26	400	5700	-
	ø 8 x 1 in bars	5119813	.170	.37	400	5700	-
	ø 10 x 1 in bars	5119808	.220	.48	400	5700	-
	ø 12 x 1,5 in bars	5119809	.390	.86	400	5700	-
	ø 16 x 2 in bars	5119801	.690	1.52	400	5700	-
	ø 20 x 2 in bars	5119810	.890	1.95	400	5700	-
	ø 30 x 3 in bars	5119811	2.000	4.4	400	5700	—
Copper plated steel pipe	ø 4 x .71 in bars	5118000	.060	.13	500	7120	-
	ø 6 x .71 in bars	5118001	.097	.21	310	4400	-
	ø 8 x .71 in bars	5118002	.134	.29	220	3130	-
	ø 10 x .71 in bars	5118003	.171	.37	180	2550	3008118
	ø 12 x .71 in bars	5118004	.196	.43	150	2130	-
Annealed copper tube	ø 4 x .5 in coils	5501201	.049	.10	133	1900	-
	ø 6 x 1 in coils	5501203	.140	.30	200	2850	-
	ø 8 x 1 in coils	5501204	.196	.43	130	1850	-
	ø 10 x 1 in coils	5501205	.252	.55	100	1400	-
	ø 12 x 1 in coils	5501206	.308	.67	80	1139	-

Note: Drawn steel and annealed copper tubes must be ordered in kg. Copper plated steel pipes in metres.

NYLON TUBES								
Material	Sizes	Part No.	Weight		Pressure		Temperature	Bushes for tubes
			kg/m	lb./m	bar	psi.		
Nylon tube (L.P.)	ø 4 x 3 in coils	5717300	.006	.013	30	420	-70° C to +110° C (-94° F to +230° F)	3008117
Nylon tube (L.P.)	ø 6 x 4,5 in coils	5717301	.014	.030	30	420		3008116
Nylon tube (L.P.)	ø 8 x 6 in coils	5717302	.025	.055	30	420		3008114
Nylon tube (L.P.)	ø 10 x 8 in coils	5717303	.032	.070	30	420		3008115
Nylon tube (H.P.)	ø 4 x 2,5 in coils	5717202	.008	.017	80	1150		201359
Nylon tube (H.P.)	ø 6 x 4 in coils	5717203	.017	.037	80	1150		201360
Nylon tube (H.P.)	ø 8 x 5 in coils	5717204	.034	.074	80	1150		201361
Nylon tube (H.P.)	ø 10 x 6 in coils	5717205	.057	.125	80	1150		-

Note: L.P. = low pressure; H.P. = high pressure.

TUBE BENDER

For copper and steel tubes



- 1126000 - for ø 4 tubes
- 1127000 - for ø 6 tubes
- 1128000 - for ø 8 tubes
- 1129000 - for ø 10 tubes
- 1130000 - for ø 12 tubes

TUBE CUTTER

For copper and steel tubes:

Part No. 2038452

Spare wheel:

Part No. 2038453



For Nylon tubes:
Part No. 3237000

