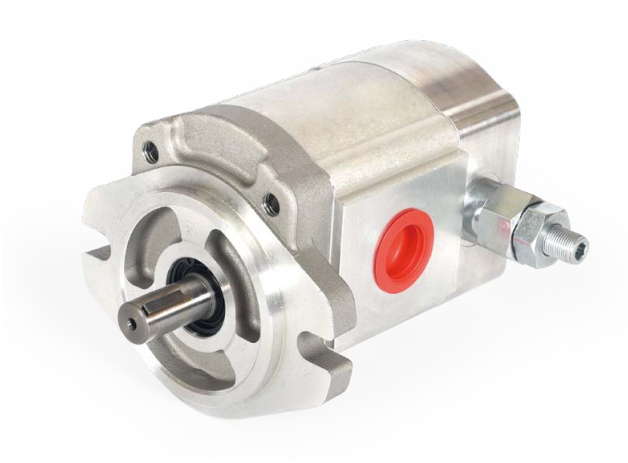
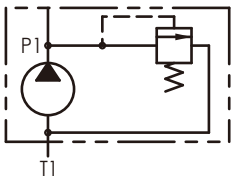
HYDROMAX

PR3

- Displacement : 4~35 cc/rev
- Max. Pressure : 250 kgf/cm^2 (3500psi)
- Flange : SAE 2-bolt, DIN 4-bolt, European 4-bolt



SCHEMATIC SYMBOL



ORDER CODES

PR3 - 13 R - Y1 - 2B - P1

1 2 3 4 5 6

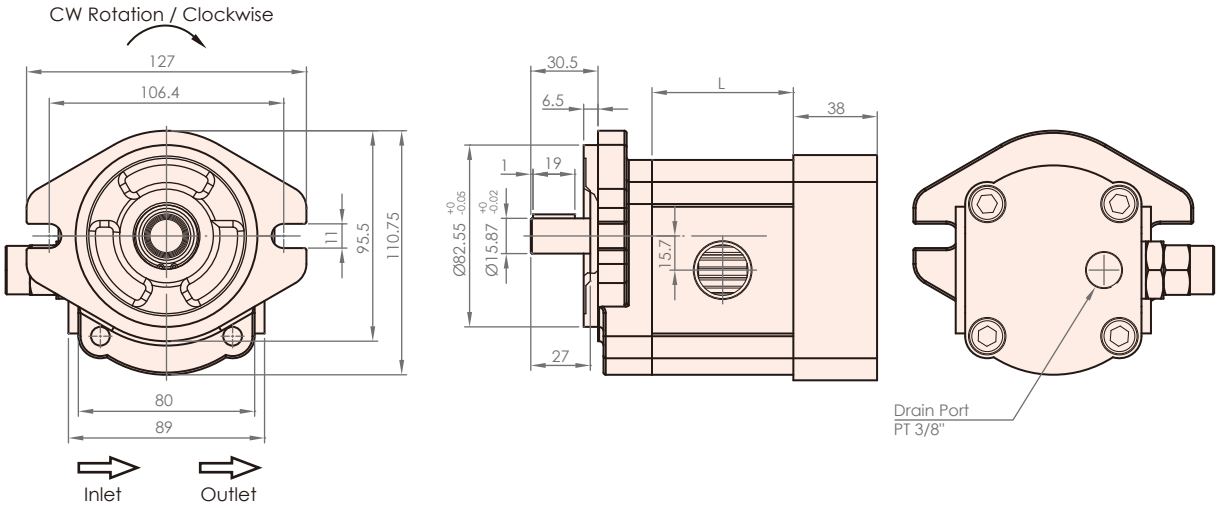
1	Model Name	PR3	
2	Delivery Capacity	4, 6, 8, 11, 13, 14, 17, 19, 23, 25, 28, 30, 33, 35	
3	Rotation Direction	R	clockwise
		L	counter - clockwise
4	Shaft Type *	X: straight shaft Y: spline shaft Z: taper shaft	
5	Flange Mounting Type	2B	SAE 2-bolt
		4BD	DIN 4-bolt
		4BE	European 4-bolt
6	Inlet and Outlet *	F: flange type(F1~F6) G: PF, G, BSPP(G1~G2) P: PT(P1~P2) N: NPT(N1~N2) U: UNF(U1~U2)	

* The dimension of shafts and inlet & outlet sizes please refer to Page 19.

SPECIFICATIONS

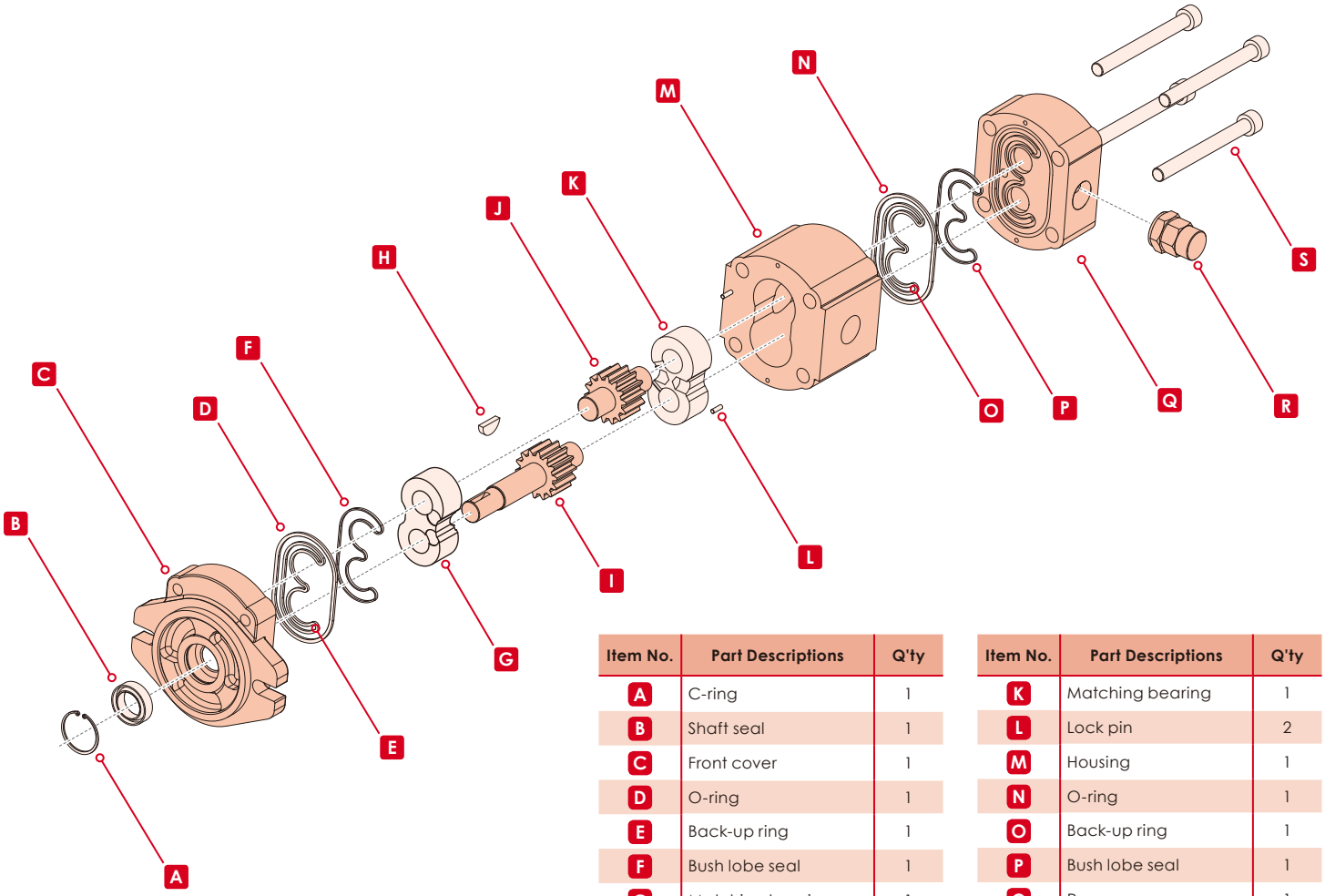
Model	Accurate Displacement Capacity (cc/rev)	Operational Pressure (kgf/cm^2)	Max. Pressure (kgf/cm^2)	Speed (r.p.m.)			Weight (kg)
				Rate	Max.	Min.	
PR3-4	4	210	250	1800	4000	700	2.83
PR3-6	6	210	250	1800	4000	700	2.91
PR3-8	8.4	210	250	1800	3500	700	2.99
PR3-11	11	210	250	1800	3000	600	3.14
PR3-13	13	210	250	1800	3000	600	3.24
PR3-14	14.3	210	250	1800	3000	500	3.3
PR3-17	16.5	210	250	1800	3000	500	3.41
PR3-19	19.2	210	250	1800	3000	500	3.53
PR3-23	23	210	250	1800	3000	500	3.73
PR3-25	25	175	210	1800	2800	500	3.78
PR3-28	28	175	210	1800	2500	500	3.89
PR3-30	30	175	210	1800	2500	500	3.99
PR3-33	33	140	175	1200	2500	500	4.14
PR3-35	35	125	140	1200	2500	500	4.25

DIMENSIONS (unit : mm)



Model	L
PR3-4	49
PR3-6	52
PR3-8	55
PR3-11	60
PR3-13	64
PR3-14	66
PR3-17	70
PR3-19	74
PR3-23	81
PR3-25	84
PR3-28	88
PR3-30	92
PR3-33	98
PR3-35	102

DECOMPOSITION CHARTS



Item No.	Part Descriptions	Q'ty
A	C-ring	1
B	Shaft seal	1
C	Front cover	1
D	O-ring	1
E	Back-up ring	1
F	Bush lobe seal	1
G	Matching bearing	1
H	Woodruff key	1
I	Drive gear	1
J	Driven gear	1

Item No.	Part Descriptions	Q'ty
K	Matching bearing	1
L	Lock pin	2
M	Housing	1
N	O-ring	1
O	Back-up ring	1
P	Bush lobe seal	1
Q	Rear cover	1
R	Relief valve	1
S	Bolt	4